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United States
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Plant Inventory No. 202, Part IV,

Plant Materials Introduced
October 1 to December 31, 1993
Nos. 573336–576437



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This inventory is a listing of plant materials introduced into the U.S. National Plant Germplasm System in calendar year 1993. The inventory comprises four separately bound books covering PI numbers 564686–576437. It is not a listing of plant material available for distribution.

Questions and comments about the organization of data and proper identification of plants should be directed to the editor: R.A. Norris, National Germplasm Resources Laboratory, 10300 Baltimore Avenue, Building 003, Room 400, Beltsville, MD 20705.

Other contributors to the inventory included J.M. Ceresa, K.F. Endress, Q.P. Sinnott, and A.K. Stoner.

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Acronyms

For space conservation and consistency in identifying locations, the following acronyms have been used in Plant Inventory 201:

- CIANO - Centro de Investigaciones Agricolas del Noroeste (Mexico)
- CIP - Centro Internacional de la Papa (Peru)
- CSIRO - Commonwealth Scientific and Industrial Research Organization (Australia)
- EMBRAPA- - Empresa Brasileira de Pesquisas Agropecuarias (Brazil)
- FAO - Food and Agriculture Organization of the United Nations
- IBPGR - International Board for Plant Genetic Resources (Italy)
- ICARDA - International Center for Agricultural Research in the Dry Areas (Syria)
- ICRISAT - International Crops Research Institute for the Semi-Arid Tropics
- IITA - International Institute of Tropical Agriculture
- INIFAP - Instituto Nacional de Investigaciones Forestales y Agropecuarias (Mexico)
- NBPGR - National Bureau of Plant Genetics Resources (India)
- PGQO - Plant Germplasm Quarantine Office (USA)
- SADCC - Southern African Development Coordination Conference (Zimbabwe)
- USDA-ARS - U.S. Department of Agriculture, Agricultural Research Service (USA)
- USDA-SCS - U.S. Department of Agriculture, Soil Conservation Service (USA)
- VIR - N.I. Vavilov Institute of Plant Industry (USSR)

PI 573336. *Capsicum cardenasii* Heiser & P. G. Smith SOLANACEAE

Donated by: Williams, D.E., Agricultural Research Service -- USDA, National Germplasm Resources Lab, Bldg. 003 - 4th Floor, Beltsville, Maryland 20705-2350, United States. Received December 29, 1992.

donor id: 1191. **origin:** Bolivia. **local name:** Ulupica. **collected:** November 04, 1992. **collector:** D.E. Williams. **collector id:** 1191. **locality:** Market, City of La Paz, Murillo Province, La Paz Dept. **latitude:** 16 deg. 30 min. S. **longitude:** 68 deg. 09 min. W. **elevation:** 3557m. **remarks:** Fruits spherical, ca. 1cm in diameter, dark green, very piquant. Seeds few, ca. 6, large light yellow. Fruits sold fresh. Purchased from market vendor who said the fruits are gathered from wild plants near Collana on the slopes of Mt. Illimani. Wild. Seed.

PI 573337. *Capsicum baccatum* L. SOLANACEAE

Donated by: Williams, D.E., Agricultural Research Service -- USDA, National Germplasm Resources Lab, Bldg. 003 - 4th Floor, Beltsville, Maryland 20705-2350, United States. Received December 29, 1992.

donor id: 1192. **origin:** Bolivia. **local name:** aribibi gusano. **collected:** April 15, 1992. **collector:** D.E. Williams. **collector id:** 1192. **locality:** Village of Carmen Florida, 7km upriver from Rurrenabaque, Ballivian Province, Beni Dept. **latitude:** 14 deg. 28 min. S. **longitude:** 67 deg. 34 min. W. **elevation:** 235m. **remarks:** Fruits elongate, 4cm long, 1cm wide, semi-conical with inverted apex, wrinkled as if compressed longitudinally, waxy yellow, piquant. Seeds light yellow. Fruit appearance suggests a caterpillar, hence the appellative "gusano." Popular table condiment, pickled in vinegar. Landrace. Seed.

PI 573338 to 573362. *Aegilops biuncialis* Vis. POACEAE

Donated by: Kimber, Gordon, University of Missouri, Dept. of Agronomy, Columbia, Missouri 65211, United States. Received October 01, 1993.

PI 573338 **origin:** Turkey. **collected:** July 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK223-009. **locality:** 18 km southeast of Balya. **elevation:** 200m. **received as:** *Triticum macrochaetum*. Wild. Seed.

PI 573338 to 573362-continued

- PI 573339 **origin:** Turkey. **collected:** July 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK228-005. **locality:** 3 km east of Erdek. **elevation:** 15m. **received as:** *Triticum macrochaetum*. Wild. Seed.
- PI 573340 **origin:** Turkey. **collected:** July 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK234-004. **locality:** West edge of Mudanya village. **elevation:** 50m. **received as:** *Triticum macrochaetum*. Wild. Seed.
- PI 573341 **origin:** Turkey. **collected:** July 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK236-004. **locality:** 1 km south of Gemlik. **elevation:** 60m. **received as:** *Triticum macrochaetum*. Wild. Seed.
- PI 573342 **origin:** Turkey. **collected:** July 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK237-004. **locality:** 4 km north of Gemlik. **elevation:** 60m. **received as:** *Triticum macrochaetum*. Wild. Seed.
- PI 573343 **origin:** Turkey. **collected:** July 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK238-003. **locality:** 23 km northwest of Gemlik. **elevation:** 50m. **received as:** *Triticum macrochaetum*. Wild. Seed.
- PI 573344 **origin:** Turkey. **collected:** July 08, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK243-003. **locality:** 19 km northwest of Iznik, north side of Lake Iznik. **elevation:** 150m. **received as:** *Triticum macrochaetum*. Wild. Seed.
- PI 573345 **origin:** Turkey. **collected:** July 08, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK249-002. **locality:** 1 km north of Akpinar, 500 m north of Inonu Mem. Cemetery. **elevation:** 900m. **received as:** *Triticum macrochaetum*. Wild. Seed.

PI 573338 to 573362-continued

- PI 573346 **origin:** Turkey. **collected:** July 08, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK249-004. **locality:** 1 km north of Akpinar, 500 m north of Inonu Mem. Cemetery. **elevation:** 900m. **received as:** Triticum macrochaetum. Wild. Seed.
- PI 573347 **origin:** Turkey. **collected:** July 09, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK251-002. **locality:** 6 km northwest of Eskisehir. **elevation:** 800m. **received as:** Triticum macrochaetum. Wild. Seed.
- PI 573348 **origin:** Turkey. **collected:** July 09, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK252-002. **locality:** 16 km northwest of Eskisehir. **elevation:** 775m. **received as:** Triticum macrochaetum. Wild. Seed.
- PI 573349 **origin:** Turkey. **collected:** July 09, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK254-007. **locality:** Inonu Memorial Cemetery. **elevation:** 800m. **received as:** Triticum macrochaetum. Wild. Seed.
- PI 573350 **origin:** Turkey. **collected:** July 09, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK255-001. **locality:** 5 km south of junction Inonu-Kutahya road. **elevation:** 970m. **received as:** Triticum macrochaetum. Wild. Seed.
- PI 573351 **origin:** Turkey. **collected:** July 09, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK256-003. **locality:** 3 km east of Bozuyuk-Eskisehir-Kutahya junction. **elevation:** 900m. **received as:** Triticum macrochaetum. Wild. Seed.
- PI 573352 **origin:** Turkey. **collected:** July 09, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK256-004. **locality:** 3 km east of Bozuyuk-Eskisehir-Kutahya junction. **elevation:** 900m. **received as:** Triticum macrochaetum. Wild. Seed.

PI 573338 to 573362-continued

- PI 573353 **origin:** Turkey. **collected:** July 09, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK256-010. **locality:** 3 km east of Bozuyuk-Eskisehir-Kutahya junction. **elevation:** 900m. **received as:** *Triticum macrochaetum*. Wild. Seed.
- PI 573354 **origin:** Turkey. **collected:** July 09, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK257-003. **locality:** 25 km east of Bozuyuk-Eskisehir-Kutahya junction. **elevation:** 500m. **received as:** *Triticum macrochaetum*. Wild. Seed.
- PI 573355 **origin:** Turkey. **collected:** July 09, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK257-008. **locality:** 25 km east of Bozuyuk-Eskisehir-Kutahya junction. **elevation:** 500m. **received as:** *Triticum macrochaetum*. Wild. Seed.
- PI 573356 **origin:** Turkey. **collected:** July 09, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK258-002. **locality:** 4 km southwest of Eskisehir or 7 km west of Res. Sta. **elevation:** 770m. **received as:** *Triticum macrochaetum*. Wild. Seed.
- PI 573357 **origin:** Turkey. **collected:** July 10, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK261-004. **locality:** 5 km south of Sogut. **elevation:** 750m. **received as:** *Triticum macrochaetum*. Wild. Seed.
- PI 573358 **origin:** Turkey. **collected:** July 10, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK264-002. **locality:** 14 km north of Bilecik. **elevation:** 120m. **received as:** *Triticum macrochaetum*. Wild. Seed.
- PI 573359 **origin:** Turkey. **collected:** July 10, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK265-002. **locality:** 16 km north of Osmaneli or 1 km southwest of Mekere. **elevation:** 50m. **received as:** *Triticum macrochaetum*. Wild. Seed.

PI 573338 to 573362-continued

PI 573360 **origin:** Turkey. **collected:** July 10, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK266-003. **locality:** Pamukova. **elevation:** 25m. **received as:** *Triticum macrochaetum*. Wild. Seed.

PI 573361 **origin:** Turkey. **collected:** July 15, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK301-005. **locality:** 21 km east of Kursunlu. **elevation:** 860m. **received as:** *Triticum macrochaetum*. Wild. Seed.

PI 573362 **origin:** Turkey. **collected:** July 19, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK331-002. **locality:** 9 km south of Ankara. **elevation:** 850m. **received as:** *Triticum macrochaetum*. Wild. Seed.

PI 573363 to 573369. *Aegilops cylindrica* Host POACEAE

Donated by: Kimber, Gordon, University of Missouri, Dept. of Agronomy, Columbia, Missouri 65211, United States. Received October 01, 1993.

PI 573363 **origin:** Turkey. **collected:** July 09, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK256-006. **locality:** 3 km east of Bozuyuk-Eskisehir-Kutahya junction. **elevation:** 900m. **received as:** *Triticum cylindricum*. Wild. Seed.

PI 573364 **origin:** Turkey. **collected:** July 15, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK299-004. **locality:** 8 km east of Cerkes. **elevation:** 1000m. **received as:** *Triticum cylindricum*. Wild. Seed.

PI 573365 **origin:** Turkey. **collected:** July 15, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK306-005. **locality:** 2 km east of Cankiri-Ankara-Corum junction toward Corum. **elevation:** 700m. **received as:** *Triticum cylindricum*. Wild. Seed.

PI 573363 to 573369-continued

- PI 573366 **origin:** Turkey. **collected:** July 18, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK327-002. **locality:** 19 km south of Cankiri. **elevation:** 710m. **received as:** Triticum cylindricum. Wild. Seed.
- PI 573367 **origin:** Turkey. **collected:** July 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK329-002. **locality:** 12 km northeast of Ankara city limit sign. **elevation:** 900m. **received as:** Triticum cylindricum. Wild. Seed.
- PI 573368 **origin:** Turkey. **collected:** July 18, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK330-005. **locality:** 5 km east of Ankara city limit sign. **elevation:** 575m. **received as:** Triticum cylindricum. Wild. Seed.
- PI 573369 **origin:** Turkey. **collected:** July 19, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK332-002. **locality:** Haymana Exp. Farm and adjacent area. **elevation:** 1150m. **received as:** Triticum cylindricum. Wild. Seed.

PI 573370 to 573411. *Aegilops geniculata* Roth POACEAE

Donated by: Kimber, Gordon, University of Missouri, Dept. of Agronomy, Columbia, Missouri 65211, United States. Received October 01, 1993.

- PI 573370 **origin:** Turkey. **collected:** July 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK213-006. **locality:** 7 km northeast of Canakkale, enroute to Lapseki. **elevation:** 80m. **received as:** Triticum ovatum. Wild. Seed.
- PI 573371 **origin:** Turkey. **collected:** July 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK223-005. **locality:** 18 km southeast of Balya. **elevation:** 200m. **received as:** Triticum ovatum. Wild. Seed.

PI 573370 to 573411-continued

- PI 573372 **origin:** Turkey. **collected:** July 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK237-003. **locality:** 4 km north of Gemlik. **elevation:** 60m. **received as:** Triticum ovatum. Wild. Seed.
- PI 573373 **origin:** Turkey. **collected:** July 08, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK242-001. **locality:** 15 km west of Cinarcik. **elevation:** 75m. **received as:** Triticum ovatum. Wild. Seed.
- PI 573374 **origin:** Turkey. **collected:** July 08, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK243-001. **locality:** 19 km northwest of Iznik, north side of Lake Iznik. **elevation:** 150m. **received as:** Triticum ovatum. Wild. Seed.
- PI 573375 **origin:** Turkey. **collected:** July 08, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK244-002. **locality:** 4 km south of Iznik. **elevation:** 150m. **received as:** Triticum ovatum. Wild. Seed.
- PI 573376 **origin:** Turkey. **collected:** July 08, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK245-002. **locality:** 11 km north of Yenisehir. **elevation:** 370m. **received as:** Triticum ovatum. Wild. Seed.
- PI 573377 **origin:** Turkey. **collected:** July 08, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK246-002. **locality:** 2 km north of Inegol. **elevation:** 325m. **received as:** Triticum ovatum. Wild. Seed.
- PI 573378 **origin:** Turkey. **collected:** July 08, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK249-006. **locality:** 1 km north of Akpinar, 500 m north of Inonu Mem. Cemetery. **elevation:** 900m. **received as:** Triticum ovatum. Wild. Seed.

PI 573370 to 573411-continued

- PI 573379 **origin:** Turkey. **collected:** July 09, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK253-004. **locality:** 15 km southeast of Bozuyuk. **elevation:** 750m. **received as:** Triticum ovatum. Wild. Seed.
- PI 573380 **origin:** Turkey. **collected:** July 09, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK254-001. **locality:** Inonu Memorial Cemetery. **elevation:** 800m. **received as:** Triticum ovatum. Wild. Seed.
- PI 573381 **origin:** Turkey. **collected:** July 09, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK254-006. **locality:** Inonu Memorial Cemetery. **elevation:** 800m. **received as:** Triticum ovatum. Wild. Seed.
- PI 573382 **origin:** Turkey. **collected:** July 09, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK255-002. **locality:** 5 km south of junction Inonu-Kutahya road. **elevation:** 970m. **received as:** Triticum ovatum. Wild. Seed.
- PI 573383 **origin:** Turkey. **collected:** July 09, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK256-009. **locality:** 3 km east of Bozuyuk-Eskisehir-Kutahya junction. **elevation:** 900m. **received as:** Triticum ovatum. Wild. Seed.
- PI 573384 **origin:** Turkey. **collected:** July 09, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK257-004. **locality:** 25 km east of Bozuyuk-Eskisehir-Kutahya junction. **elevation:** 500m. **received as:** Triticum ovatum. Wild. Seed.
- PI 573385 **origin:** Turkey. **collected:** July 09, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK257-005. **locality:** 25 km east of Bozuyuk-Eskisehir-Kutahya junction. **elevation:** 500m. **received as:** Triticum ovatum. Wild. Seed.

PI 573370 to 573411-continued

- PI 573386 **origin:** Turkey. **collected:** July 10, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK261-003. **locality:** 5 km south of Sogut. **elevation:** 750m. **received as:** Triticum ovatum. Wild. Seed.
- PI 573387 **origin:** Turkey. **collected:** July 10, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK261-005. **locality:** 5 km south of Sogut. **elevation:** 750m. **received as:** Triticum ovatum. Wild. Seed.
- PI 573388 **origin:** Turkey. **collected:** July 10, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK262-004. **locality:** Site of Museum at Sogut. **elevation:** 750m. **received as:** Triticum ovatum. Wild. Seed.
- PI 573389 **origin:** Turkey. **collected:** July 10, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK263-001. **locality:** 8 km southeast of Bilecik. **elevation:** 300m. **received as:** Triticum ovatum. Wild. Seed.
- PI 573390 **origin:** Turkey. **collected:** July 10, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK263-002. **locality:** 8 km southeast of Bilecik. **elevation:** 300m. **received as:** Triticum ovatum. Wild. Seed.
- PI 573391 **origin:** Turkey. **collected:** July 10, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK265-003. **locality:** 16 km north of Osmaneli or 1 km southwest of Mekere. **elevation:** 50m. **received as:** Triticum ovatum. Wild. Seed.
- PI 573392 **origin:** Turkey. **collected:** July 10, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK266-001. **locality:** Pamukova. **elevation:** 25m. **received as:** Triticum ovatum. Wild. Seed.

PI 573370 to 573411-continued

- PI 573393 **origin:** Turkey. **collected:** July 10, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK269-001. **locality:** 5 km east of Karaneizal or 45 km east of Ulasli. **elevation:** 10m. **received as:** *Triticum ovatum*. Wild. Seed.
- PI 573394 **origin:** Turkey. **collected:** July 11, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK272-002. **locality:** 23 km southwest of Kandira. **elevation:** 320m. **received as:** *Triticum ovatum*. Wild. Seed.
- PI 573395 **origin:** Turkey. **collected:** July 11, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK273-002. **locality:** 4 km northeast of Kandira. **elevation:** 50m. **received as:** *Triticum ovatum*. Wild. Seed.
- PI 573396 **origin:** Turkey. **collected:** July 11, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK275-001. **locality:** 8 km south of Kaynarca. **elevation:** 120m. **received as:** *Triticum ovatum*. Wild. Seed.
- PI 573397 **origin:** Turkey. **collected:** July 12, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK281-001. **locality:** 33 km southeast of Zonguldak. **elevation:** 60m. **received as:** *Triticum ovatum*. Wild. Seed.
- PI 573398 **origin:** Turkey. **collected:** July 14, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK292-001. **locality:** Abant G. road, west end of lake, southwest of Bolu. **elevation:** 1370m. **received as:** *Triticum ovatum*. Wild. Seed.
- PI 573399 **origin:** Turkey. **collected:** July 14, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK293-002. **locality:** 2 km south of Delice or 2 km north of jct. Abant G.-Bolu. **elevation:** 820m. **received as:** *Triticum ovatum*. Wild. Seed.

PI 573370 to 573411-continued

- PI 573400 **origin:** Turkey. **collected:** July 14, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK293-004. **locality:** 2 km south of Delice or 2 km north of jct. Abant G.-Bolu. **elevation:** 820m. **received as:** *Triticum ovatum*. Wild. Seed.
- PI 573401 **origin:** Turkey. **collected:** July 15, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK301-003. **locality:** 21 km east of Kursunlu. **elevation:** 860m. **received as:** *Triticum ovatum*. Wild. Seed.
- PI 573402 **origin:** Turkey. **collected:** July 15, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK304-002. **locality:** 12 km south of Cankiri. **elevation:** 680m. **received as:** *Triticum ovatum*. Wild. Seed.
- PI 573403 **origin:** Turkey. **collected:** July 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK307-004. **locality:** 2 km north of Cankiri. **elevation:** 850m. **received as:** *Triticum ovatum*. Wild. Seed.
- PI 573404 **origin:** Turkey. **collected:** July 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK308-001. **locality:** 9 km northeast of jct. to Istanbul on Hwy 40 toward Toysa. **elevation:** 840m. **received as:** *Triticum ovatum*. Wild. Seed.
- PI 573405 **origin:** Turkey. **collected:** July 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK308-003. **locality:** 9 km northeast of jct. to Istanbul on Hwy 40 toward Toysa. **elevation:** 840m. **received as:** *Triticum ovatum*. Wild. Seed.
- PI 573406 **origin:** Turkey. **collected:** July 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK312-002. **locality:** 14 km north of Sinop-Corum province border. **elevation:** 350m. **received as:** *Triticum ovatum*. Wild. Seed.

PI 573370 to 573411-continued

PI 573407 **origin:** Turkey. **collected:** July 16, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK313-003. **locality:** 1 km southeast of Sarayduzu village. **elevation:** 450m. **received as:** *Triticum ovatum*. Wild. Seed.

PI 573408 **origin:** Turkey. **collected:** July 16, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK313-004. **locality:** 1 km southeast of Sarayduzu village. **elevation:** 450m. **received as:** *Triticum ovatum*. Wild. Seed.

PI 573409 **origin:** Turkey. **collected:** July 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK314-001. **locality:** 6 km south of Boyabat at Samsun-Boyabat junction. **elevation:** 400m. **received as:** *Triticum ovatum*. Wild. Seed.

PI 573410 **origin:** Turkey. **collected:** July 18, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK328-001. **locality:** 1 km northeast of Kalecik-Ankara junction. **elevation:** 820m. **received as:** *Triticum ovatum*. Wild. Seed.

PI 573411 **origin:** Turkey. **collected:** July 19, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK331-009. **locality:** 9 km south of Ankara. **elevation:** 850m. **received as:** *Triticum ovatum*. Wild. Seed.

PI 573412 to 573419. *Aegilops markgrafii* (Greuter) K. Hammer var. *markgrafii* POACEAE

Donated by: Kimber, Gordon, University of Missouri, Dept. of Agronomy, Columbia, Missouri 65211, United States. Received October 01, 1993.

PI 573412 **origin:** Turkey. **collected:** July 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK224-003. **locality:** 14 km southwest of Susurluk. **elevation:** 50m. **received as:** *Triticum dichasians*. Wild. Seed.

PI 573412 to 573419-continued

- PI 573413 **origin:** Turkey. **collected:** July 09, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK250-001. **locality:** Eskisehir Exp. Station. **elevation:** 785m. **received as:** Triticum dichasians. Wild. Seed.
- PI 573414 **origin:** Turkey. **collected:** July 09, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK251-004. **locality:** 6 km northwest of Eskisehir. **elevation:** 800m. **received as:** Triticum dichasians. Wild. Seed.
- PI 573415 **origin:** Turkey. **collected:** July 09, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK254-008. **locality:** Inonu Memorial Cemetery. **elevation:** 800m. **received as:** Triticum dichasians. Wild. Seed.
- PI 573416 **origin:** Turkey. **collected:** July 10, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK263-006. **locality:** 8 km southeast of Bilecik. **elevation:** 300m. **received as:** Triticum dichasians. Wild. Seed.
- PI 573417 **origin:** Turkey. **collected:** July 10, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK265-001. **locality:** 16 km north of Osmaneli or 1 km southwest of Mekere. **elevation:** 50m. **received as:** Triticum dichasians. Wild. Seed.
- PI 573418 **origin:** Turkey. **collected:** July 15, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK304-003. **locality:** 12 km south of Cankiri. **elevation:** 680m. **received as:** Triticum dichasians. Wild. Seed.
- PI 573419 **origin:** Turkey. **collected:** July 19, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK331-003. **locality:** 9 km south of Ankara. **elevation:** 850m. **received as:** Triticum dichasians. Wild. Seed.

PI 573420 to 573447. *Aegilops neglecta* Req. ex Bertol. POACEAE

Donated by: Kimber, Gordon, University of Missouri, Dept. of Agronomy, Columbia, Missouri 65211, United States. Received October 01, 1993.

- PI 573420 **origin:** Turkey. **collected:** July 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK219-002. **locality:** 6 km northwest of Yenice. **elevation:** 250m. **received as:** *Triticum triaristatum*. Wild. Seed.
- PI 573421 **origin:** Turkey. **collected:** July 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK219-003. **locality:** 6 km northwest of Yenice. **elevation:** 250m. **received as:** *Triticum triaristatum*. Wild. Seed.
- PI 573422 **origin:** Turkey. **collected:** July 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK223-006. **locality:** 18 km southeast of Balya. **elevation:** 200m. **received as:** *Triticum triaristatum*. Wild. Seed.
- PI 573423 **origin:** Turkey. **collected:** July 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK223-007. **locality:** 18 km southeast of Balya. **elevation:** 200m. **received as:** *Triticum triaristatum*. Wild. Seed.
- PI 573424 **origin:** Turkey. **collected:** July 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK235-004. **locality:** 8 km east of Mudanya. **elevation:** 70m. **received as:** *Triticum triaristatum*. Wild. Seed.
- PI 573425 **origin:** Turkey. **collected:** July 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK237-002. **locality:** 4 km north of Gemlik. **elevation:** 60m. **received as:** *Triticum triaristatum*. Wild. Seed.
- PI 573426 **origin:** Turkey. **collected:** July 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK238-002. **locality:** 23 km northwest of Gemlik. **elevation:** 50m. **received as:** *Triticum triaristatum*. Wild. Seed.

PI 573420 to 573447-continued

- PI 573427 **origin:** Turkey. **collected:** July 08, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK240-002. **locality:** 7 km southeast of Armutlu. **elevation:** 20m. **received as:** Triticum triaristatum. Wild. Seed.
- PI 573428 **origin:** Turkey. **collected:** July 08, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK241-001. **locality:** 6 km northeast of Armutlu. **elevation:** 220m. **received as:** Triticum triaristatum. Wild. Seed.
- PI 573429 **origin:** Turkey. **collected:** July 08, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK242-002. **locality:** 15 km west of Cinarcik. **elevation:** 75m. **received as:** Triticum triaristatum. Wild. Seed.
- PI 573430 **origin:** Turkey. **collected:** July 08, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK242-003. **locality:** 15 km west of Cinarcik. **elevation:** 75m. **received as:** Triticum triaristatum. Wild. Seed.
- PI 573431 **origin:** Turkey. **collected:** July 08, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK243-004. **locality:** 19 km northwest of Iznik, north side of Lake Iznik. **elevation:** 150m. **received as:** Triticum triaristatum. Wild. Seed.
- PI 573432 **origin:** Turkey. **collected:** July 08, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK244-001. **locality:** 4 km south of Iznik. **elevation:** 150m. **received as:** Triticum triaristatum. Wild. Seed.
- PI 573433 **origin:** Turkey. **collected:** July 08, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK246-001. **locality:** 2 km north of Inegol. **elevation:** 325m. **received as:** Triticum triaristatum. Wild. Seed.

PI 573420 to 573447-continued

- PI 573434 **origin:** Turkey. **collected:** July 08, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK249-003. **locality:** 1 km north of Akpinar, 500 m north of Inonu Mem. Cemetery. **elevation:** 900m. **received as:** *Triticum triaristatum*. Wild. Seed.
- PI 573435 **origin:** Turkey. **collected:** July 09, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK255-004. **locality:** 5 km south of junction Inonu-Kutahya road. **elevation:** 970m. **received as:** *Triticum triaristatum*. Wild. Seed.
- PI 573436 **origin:** Turkey. **collected:** July 09, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK256-001. **locality:** 3 km east of Bozuyuk-Eskisehir-Kutahya junction. **elevation:** 900m. **received as:** *Triticum triaristatum*. Wild. Seed.
- PI 573437 **origin:** Turkey. **collected:** July 10, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK260-002. **locality:** 13 km south of Sogut. **elevation:** 780m. **received as:** *Triticum triaristatum*. Wild. Seed.
- PI 573438 **origin:** Turkey. **collected:** July 10, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK263-003. **locality:** 8 km southeast of Bilecik. **elevation:** 300m. **received as:** *Triticum triaristatum*. Wild. Seed.
- PI 573439 **origin:** Turkey. **collected:** July 10, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK264-001. **locality:** 14 km north of Bilecik. **elevation:** 120m. **received as:** *Triticum triaristatum*. Wild. Seed.
- PI 573440 **origin:** Turkey. **collected:** July 10, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK265-004. **locality:** 16 km north of Osmaneli or 1 km southwest of Mekere. **elevation:** 50m. **received as:** *Triticum triaristatum*. Wild. Seed.

PI 573420 to 573447-continued

- PI 573441 **origin:** Turkey. **collected:** July 10, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK266-002. **locality:** Pamukova. **elevation:** 25m. **received as:** *Triticum triaristatum*. Wild. Seed.
- PI 573442 **origin:** Turkey. **collected:** July 10, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK267-001. **locality:** 19 km east of Izmir. **elevation:** 4m. **received as:** *Triticum triaristatum*. Wild. Seed.
- PI 573443 **origin:** Turkey. **collected:** July 11, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK273-003. **locality:** 4 km northeast of Kandira. **elevation:** 50m. **received as:** *Triticum triaristatum*. Wild. Seed.
- PI 573444 **origin:** Turkey. **collected:** July 14, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK288-001. **locality:** Road junction to Seven Lakes, 3 km north of Mengen. **elevation:** 600m. **received as:** *Triticum triaristatum*. Wild. Seed.
- PI 573445 **origin:** Turkey. **collected:** July 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK289-001. **locality:** 13 km from junction toward Seven Lakes. **elevation:** 500m. **received as:** *Triticum triaristatum*. Wild. Seed.
- PI 573446 **origin:** Turkey. **collected:** July 15, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK295-001. **locality:** 9 km east of Yenicaga. **elevation:** 1050m. **received as:** *Triticum triaristatum*. Wild. Seed.
- PI 573447 **origin:** Turkey. **collected:** July 15, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK301-004. **locality:** 21 km east of Kursunlu. **elevation:** 860m. **received as:** *Triticum triaristatum*. Wild. Seed.

PI 573448 to 573452. *Aegilops speltoides* Tausch POACEAE

Donated by: Kimber, Gordon, University of Missouri, Dept. of Agronomy, Columbia, Missouri 65211, United States. Received October 01, 1993.

PI 573448 **origin:** Turkey. **collected:** July 15, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK304-004. **locality:** 12 km south of Cankiri. **elevation:** 680m. **received as:** *Triticum speltoides*. Wild. Seed.

PI 573449 **origin:** Turkey. **collected:** July 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK307-003. **locality:** 2 km north of Cankiri. **elevation:** 850m. **received as:** *Triticum speltoides*. Wild. Seed.

PI 573450 **origin:** Turkey. **collected:** July 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK329-007. **locality:** 12 km northeast of Ankara city limit sign. **elevation:** 900m. **received as:** *Triticum speltoides*. Wild. Seed.

* PI 573451 *Aegilops triuncialis* L. POACEAE
origin: Turkey. **collected:** July 18, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK329-009. **locality:** 12 km northeast of Ankara city limit sign. **elevation:** 900m. **received as:** *Triticum speltoides*. Wild. Seed.

PI 573452 **origin:** Turkey. **collected:** July 18, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK330-001. **locality:** 5 km east of Ankara city limit sign. **elevation:** 575m. **received as:** *Triticum speltoides*. Wild. Seed.

PI 573453 to 573514. *Aegilops triuncialis* L. POACEAE

Donated by: Kimber, Gordon, University of Missouri, Dept. of Agronomy, Columbia, Missouri 65211, United States. Received October 01, 1993.

PI 573453 to 573514-continued

- PI 573453 **origin:** Turkey. **collected:** July 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK219-001. **locality:** 6 km northwest of Yenice. **elevation:** 250m. **received as:** Triticum triunciale. Wild. Seed.
- PI 573454 **origin:** Turkey. **collected:** July 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK235-002. **locality:** 8 km east of Mudanya. **elevation:** 70m. **received as:** Triticum triunciale. Wild. Seed.
- PI 573455 **origin:** Turkey. **collected:** July 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK237-001. **locality:** 4 km north of Gemlik. **elevation:** 60m. **received as:** Triticum triunciale. Wild. Seed.
- PI 573456 **origin:** Turkey. **collected:** July 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK238-001. **locality:** 23 km northwest of Gemlik. **elevation:** 50m. **received as:** Triticum triunciale. Wild. Seed.
- PI 573457 **origin:** Turkey. **collected:** July 08, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK239-001. **locality:** 11 km southeast of Armutlu. **elevation:** 215m. **received as:** Triticum triunciale. Wild. Seed.
- PI 573458 **origin:** Turkey. **collected:** July 08, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK240-001. **locality:** 7 km southeast of Armutlu. **elevation:** 20m. **received as:** Triticum triunciale. Wild. Seed.
- PI 573459 **origin:** Turkey. **collected:** July 08, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK242-004. **locality:** 15 km west of Cinarcik. **elevation:** 75m. **received as:** Triticum triunciale. Wild. Seed.

PI 573453 to 573514-continued

- PI 573460 **origin:** Turkey. **collected:** July 08, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK243-002. **locality:** 19 km northwest of Iznik, north side of Lake Iznik. **elevation:** 150m. **received as:** Triticum triunciale. Wild. Seed.
- PI 573461 **origin:** Turkey. **collected:** July 08, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK248-001. **locality:** 27 km southeast of Inegol. **elevation:** 600m. **received as:** Triticum triunciale. Wild. Seed.
- PI 573462 **origin:** Turkey. **collected:** July 08, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK249-001. **locality:** 1 km north of Akpinar, 500 m north of Inonu Mem. Cemetery. **elevation:** 900m. **received as:** Triticum triunciale. Wild. Seed.
- PI 573463 **origin:** Turkey. **collected:** July 08, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK249-005. **locality:** 1 km north of Akpinar, 500 m north of Inonu Mem. Cemetery. **elevation:** 900m. **received as:** Triticum triunciale. Wild. Seed.
- PI 573464 **origin:** Turkey. **collected:** July 09, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK250-002. **locality:** Eskisehir Exp. Station. **elevation:** 785m. **received as:** Triticum triunciale. Wild. Seed.
- PI 573465 **origin:** Turkey. **collected:** July 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK251-001. **locality:** 6 km northwest of Eskisehir. **elevation:** 800m. **received as:** Triticum triunciale. Wild. Seed.
- PI 573466 **origin:** Turkey. **collected:** July 09, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK252-001. **locality:** 16 km northwest of Eskisehir. **elevation:** 775m. **received as:** Triticum triunciale. Wild. Seed.

PI 573453 to 573514-continued

- PI 573467 **origin:** Turkey. **collected:** July 09, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK253-005. **locality:** 15 km southeast of Bozuyuk. **elevation:** 750m. **received as:** Triticum triunciale. Wild. Seed.
- PI 573468 **origin:** Turkey. **collected:** July 09, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK254-004. **locality:** Inonu Memorial Cemetery. **elevation:** 800m. **received as:** Triticum triunciale. Wild. Seed.
- PI 573469 **origin:** Turkey. **collected:** July 09, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK255-003. **locality:** 5 km south of junction Inonu-Kutahya road. **elevation:** 970m. **received as:** Triticum triunciale. Wild. Seed.
- PI 573470 **origin:** Turkey. **collected:** July 09, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK256-002. **locality:** 3 km east of Bozuyuk-Eskisehir-Kutahya junction. **elevation:** 900m. **received as:** Triticum triunciale. Wild. Seed.
- PI 573471 **origin:** Turkey. **collected:** July 09, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK256-008. **locality:** 3 km east of Bozuyuk-Eskisehir-Kutahya junction. **elevation:** 900m. **received as:** Triticum triunciale. Wild. Seed.
- PI 573472 **origin:** Turkey. **collected:** July 09, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK257-002. **locality:** 25 km east of Bozuyuk-Eskisehir-Kutahya junction. **elevation:** 500m. **received as:** Triticum triunciale. Wild. Seed.
- PI 573473 **origin:** Turkey. **collected:** July 09, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK258-003. **locality:** 4 km southwest of Eskisehir or 7 km west of Res. Sta. **elevation:** 770m. **received as:** Triticum triunciale. Wild. Seed.

PI 573453 to 573514-continued

- PI 573474 **origin:** Turkey. **collected:** July 10, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK260-001. **locality:** 13 km south of Sogut. **elevation:** 780m. **received as:** Triticum triunciale. Wild. Seed.
- PI 573475 **origin:** Turkey. **collected:** July 10, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK261-002. **locality:** 5 km south of Sogut. **elevation:** 750m. **received as:** Triticum triunciale. Wild. Seed.
- PI 573476 **origin:** Turkey. **collected:** July 10, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK262-003. **locality:** Site of museum at Sogut. **elevation:** 750m. **received as:** Triticum triunciale. Wild. Seed.
- PI 573477 **origin:** Turkey. **collected:** July 10, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK263-007. **locality:** 8 km southeast of Bilecik. **elevation:** 300m. **received as:** Triticum triunciale. Wild. Seed.
- PI 573478 **origin:** Turkey. **collected:** July 10, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK264-003. **locality:** 14 km north of Bilecik. **elevation:** 120m. **received as:** Triticum triunciale. Wild. Seed.
- PI 573479 **origin:** Turkey. **collected:** July 12, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK276-001. **locality:** 8 km east of Hendek. **elevation:** 290m. **received as:** Triticum triunciale. Wild. Seed.
- PI 573480 **origin:** Turkey. **collected:** July 14, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK293-005. **locality:** 2 km south of Delice or 2 km north of jct. Abant G.-Bolu. **elevation:** 820m. **received as:** Triticum triunciale. Wild. Seed.

PI 573453 to 573514-continued

- PI 573481 **origin:** Turkey. **collected:** July 15, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK294-001. **locality:** 4 km west of Yenicega, east of Bolu. **elevation:** 950m. **received as:** *Triticum triunciale*. Wild. Seed.
- PI 573482 **origin:** Turkey. **collected:** July 15, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK296-002. **locality:** 6 km west of Cerkes junction. **elevation:** 1200m. **received as:** *Triticum triunciale*. Wild. Seed.
- PI 573483 **origin:** Turkey. **collected:** July 15, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK297-001. **locality:** 12 km east of Cerkes junction towards Cerkes. **elevation:** 975m. **received as:** *Triticum triunciale*. Wild. Seed.
- PI 573484 **origin:** Turkey. **collected:** July 15, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK297-002. **locality:** 12 km east of Cerkes junction towards Cerkes. **elevation:** 975m. **received as:** *Triticum triunciale*. Wild. Seed.
- PI 573485 **origin:** Turkey. **collected:** July 15, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK298-001. **locality:** 6 km east of Cerkes. **elevation:** 1050m. **received as:** *Triticum triunciale*. Wild. Seed.
- PI 573486 **origin:** Turkey. **collected:** July 15, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK299-002. **locality:** 8 km east of Cerkes. **elevation:** 1000m. **received as:** *Triticum triunciale*. Wild. Seed.
- PI 573487 **origin:** Turkey. **collected:** July 15, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK299-003. **locality:** 8 km east of Cerkes. **elevation:** 1000m. **received as:** *Triticum triunciale*. Wild. Seed.

PI 573453 to 573514-continued

- PI 573488 **origin:** Turkey. **collected:** July 15, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK300-001. **locality:** 6 km east of Kursunlu. **elevation:** 1000m. **received as:** Triticum triunciale. Wild. Seed.
- PI 573489 **origin:** Turkey. **collected:** July 15, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK300-002. **locality:** 6 km east of Kursunlu. **elevation:** 1000m. **received as:** Triticum triunciale. Wild. Seed.
- PI 573490 **origin:** Turkey. **collected:** July 15, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK301-001. **locality:** 21 km east of Kursunlu. **elevation:** 860m. **received as:** Triticum triunciale. Wild. Seed.
- PI 573491 **origin:** Turkey. **collected:** July 15, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK301-002. **locality:** 21 km east of Kursunlu. **elevation:** 860m. **received as:** Triticum triunciale. Wild. Seed.
- PI 573492 **origin:** Turkey. **collected:** July 15, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK302-001. **locality:** 17 km north of Korgun road junction. **elevation:** 1300m. **received as:** Triticum triunciale. Wild. Seed.
- PI 573493 **origin:** Turkey. **collected:** July 15, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK303-001. **locality:** 6 km north of Korgun road junction. **elevation:** 975m. **received as:** Triticum triunciale. Wild. Seed.
- PI 573494 **origin:** Turkey. **collected:** July 15, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK304-001. **locality:** 12 km south of Cankiri. **elevation:** 680m. **received as:** Triticum triunciale. Wild. Seed.

PI 573453 to 573514-continued

- PI 573495 **origin:** Turkey. **collected:** July 15, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK305-004. **locality:** 1 km east of Cankiri-Ankara-Corum junction toward Corum. **elevation:** 680m. **received as:** Triticum triunciale. Wild. Seed.
- PI 573496 **origin:** Turkey. **collected:** July 15, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK305-007. **locality:** 1 km east of Cankiri-Ankara-Corum junction toward Corum. **elevation:** 680m. **received as:** Triticum triunciale. Wild. Seed.
- PI 573497 **origin:** Turkey. **collected:** July 15, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK306-004. **locality:** 2 km east of Cankiri-Ankara-Corum junction toward Corum. **elevation:** 700m. **received as:** Triticum triunciale. Wild. Seed.
- PI 573498 **origin:** Turkey. **collected:** July 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK307-001. **locality:** 2 km north of Cankiri. **elevation:** 850m. **received as:** Triticum triunciale. Wild. Seed.
- PI 573499 **origin:** Turkey. **collected:** July 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK307-002. **locality:** 2 km north of Cankiri. **elevation:** 850m. **received as:** Triticum triunciale. Wild. Seed.
- PI 573500 **origin:** Turkey. **collected:** July 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK308-002. **locality:** 9 km northeast of jct. to Istanbul on Hwy 40 toward Toysa. **elevation:** 840m. **received as:** Triticum triunciale. Wild. Seed.
- PI 573501 **origin:** Turkey. **collected:** July 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK309-001. **locality:** 5 km east of Kargi. **elevation:** 460m. **received as:** Triticum triunciale. Wild. Seed.

PI 573453 to 573514-continued

- PI 573502 **origin:** Turkey. **collected:** July 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK311-001. **locality:** 3 km north of Sinop-Corum province border. **elevation:** 260m. **received as:** *Triticum triunciale*. Wild. Seed.
- PI 573503 **origin:** Turkey. **collected:** July 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK312-003. **locality:** 14 km north of Sinop-Corum province border. **elevation:** 350m. **received as:** *Triticum triunciale*. Wild. Seed.
- PI 573504 **origin:** Turkey. **collected:** July 16, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK313-002. **locality:** 1 km southeast of Sarayduzu village. **elevation:** 450m. **received as:** *Triticum triunciale*. Wild. Seed.
- PI 573505 **origin:** Turkey. **collected:** July 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK314-002. **locality:** 6 km south of Boyabat at Samsun-Boyabat junction. **elevation:** 400m. **received as:** *Triticum triunciale*. Wild. Seed.
- PI 573506 **origin:** Turkey. **collected:** July 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK323-001. **locality:** 5 km southeast of Yenikonak-Boyabat junction. **elevation:** 310m. **received as:** *Triticum triunciale*. Wild. Seed.
- PI 573507 **origin:** Turkey. **collected:** July 18, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK327-001. **locality:** 19 km south of Cankiri. **elevation:** 710m. **received as:** *Triticum triunciale*. Wild. Seed.
- PI 573508 **origin:** Turkey. **collected:** July 18, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK328-002. **locality:** 1 km northeast of Kalecik-Ankara junction. **elevation:** 820m. **received as:** *Triticum triunciale*. Wild. Seed.

PI 573453 to 573514-continued

- PI 573509 **origin:** Turkey. **collected:** July 18, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK328-003. **locality:** 1 km northeast of Kalecik-Ankara junction. **elevation:** 820m. **received as:** *Triticum triunciale*. Wild. Seed.
- PI 573510 **origin:** Turkey. **collected:** July 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK329-001. **locality:** 12 km northeast of Ankara city limit sign. **elevation:** 900m. **received as:** *Triticum triunciale*. Wild. Seed.
- PI 573511 **origin:** Turkey. **collected:** July 18, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK330-002. **locality:** 5 km east of Ankara city limit sign. **elevation:** 575m. **received as:** *Triticum triunciale*. Wild. Seed.
- PI 573512 **origin:** Turkey. **collected:** July 19, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK331-001. **locality:** 9 km south of Ankara. **elevation:** 850m. **received as:** *Triticum triunciale*. Wild. Seed.
- PI 573513 **origin:** Turkey. **collected:** July 19, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK331-010. **locality:** 9 km south of Ankara. **elevation:** 850m. **received as:** *Triticum triunciale*. Wild. Seed.
- PI 573514 **origin:** Turkey. **collected:** July 19, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK332-001. **locality:** Haymana Exp. Farm and adjacent area. **elevation:** 1150m. **received as:** *Triticum triunciale*. Wild. Seed.

PI 573515 to 573516. *Aegilops umbellulata* Zhuk. POACEAE

Donated by: Kimber, Gordon, University of Missouri, Dept. of Agronomy, Columbia, Missouri 65211, United States. Received October 01, 1993.

PI 573515 to 573516-continued

PI 573515 **origin:** Turkey. **collected:** July 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK223-010. **locality:** 18 km southeast of Balya. **elevation:** 200m. **received as:** *Triticum umbellulatum*. Wild. Seed.

PI 573516 **origin:** Turkey. **collected:** July 10, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK264-004. **locality:** 14 km north of Bilecik. **elevation:** 120m. **received as:** *Triticum umbellulatum*. Wild. Seed.

PI 573517 to 573518. *Triticum boeoticum* Boiss. POACEAE

Donated by: Kimber, Gordon, University of Missouri, Dept. of Agronomy, Columbia, Missouri 65211, United States. Received October 01, 1993.

PI 573517 **origin:** Turkey. **collected:** July 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK213-007. **locality:** 7 km northeast of Canakkale, enroute to Lapseki. **elevation:** 80m. Wild. Seed.

PI 573518 **origin:** Turkey. **collected:** July 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK223-004. **locality:** 18 km southeast of Balya. **elevation:** 200m. Wild. Seed.

PI 573519 to 573529. *Triticum monococcum* L. POACEAE

Donated by: Kimber, Gordon, University of Missouri, Dept. of Agronomy, Columbia, Missouri 65211, United States. Received October 01, 1993.

PI 573519 **origin:** Turkey. **collected:** July 08, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK245-001. **locality:** 11 km north of Yenisehir. **elevation:** 370m. Wild. Seed.

PI 573520 **origin:** Turkey. **collected:** July 09, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK251-003. **locality:** 6 km northwest of Eskisehir. **elevation:** 800m. Wild. Seed.

PI 573519 to 573529-continued

- PI 573521 **origin:** Turkey. **collected:** July 09, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK256-011. **locality:** 3 km east of Bozuyuk-Eskisehir-Kutahya junction. **elevation:** 900m. Wild. Seed.
- PI 573522 **origin:** Turkey. **collected:** July 09, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK257-007. **locality:** 25 km east of Bozuyuk-Eskisehir-Kutahya junction. **elevation:** 500m. Wild. Seed.
- PI 573523 **origin:** Turkey. **collected:** July 10, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK261-001. **locality:** 5 km south of Sogut. **elevation:** 750m. Wild. Seed.
- PI 573524 **origin:** Turkey. **collected:** July 14, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK293-001. **locality:** 2 km south of Delice or 2 km north of jct. Abant G.-Bolu. **elevation:** 820m. Wild. Seed.
- PI 573525 **origin:** Turkey. **collected:** July 15, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK299-001. **locality:** 8 km east of Cerkes. **elevation:** 1000m. Wild. Seed.
- PI 573526 **origin:** Turkey. **collected:** July 15, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK302-002. **locality:** 17 km north of Korgun road junction. **elevation:** 1300m. Wild. Seed.
- PI 573527 **origin:** Turkey. **collected:** July 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK329-006. **locality:** 12 km northeast of Ankara city limit sign. **elevation:** 900m. Wild. Seed.
- PI 573528 **origin:** Turkey. **collected:** July 18, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK330-003. **locality:** 5 km east of Ankara city limit sign. **elevation:** 575m. Wild. Seed.

PI 573519 to 573529-continued

PI 573529 **origin:** Turkey. **collected:** July 19, 1984. **collector:** M. Kanbertay, C. Tuten, Aegean Agric. Res. Center, Menemen; R.J. Metzger, USDA-ARS; G. Kimber, Univ. of Missouri. **collector id:** 84TK331-005. **locality:** 9 km south of Ankara. **elevation:** 850m. Wild. Seed.

PI 573530 to 573532. *Avena abyssinica* Hochst. POACEAE

Donated by: Dragavtsev, V., N.I. Vavilov Inst. of Plant Industry, 44 Herzen Street, St. Petersburg 190000, Russian Federation. Received October 14, 1993.

PI 573530 **origin:** Ethiopia. **collector id:** WIR 11670. **other id:** NSGC 193. Landrace. Seed.

PI 573531 **origin:** Ethiopia. **collector id:** WIR 11671. **other id:** NSGC 194. Landrace. Seed.

PI 573532 **origin:** Ethiopia. **collector id:** WIR 4585. **other id:** NSGC 195. Landrace. Seed.

PI 573533. *Avena brevis* Roth POACEAE

Donated by: Dragavtsev, V., N.I. Vavilov Inst. of Plant Industry, 44 Herzen Street, St. Petersburg 190000, Russian Federation. Received October 14, 1993.

origin: Portugal. **collector id:** WIR 5255. **other id:** NSGC 196. Landrace. Seed.

PI 573534 to 573536. *Avena nuda* L. POACEAE

Donated by: Dragavtsev, V., N.I. Vavilov Inst. of Plant Industry, 44 Herzen Street, St. Petersburg 190000, Russian Federation. Received October 14, 1993.

PI 573534 **origin:** Russian Federation. **cultivar:** USPEH. **collector id:** WIR 11278. **other id:** NSGC 156. Cultivar. Seed.

PI 573535 **origin:** Russian Federation. **collector id:** WIR 8317. **other id:** NSGC 177. **locality:** Primorskaya Province. Landrace. Seed.

PI 573536 **origin:** China. **collector id:** WIR 1926. **other id:** NSGC 191. Landrace. Seed.

PI 573537 to 573580. *Avena sativa* L. POACEAE

Donated by: Dragavtsev, V., N.I. Vavilov Inst. of Plant Industry, 44 Herzen Street, St. Petersburg 190000, Russian Federation. Received October 14, 1993.

- PI 573537 **origin:** Russian Federation. **cultivar:** TAJOZNIK.
collector id: WIR 12245. **other id:** NSGC 157. Cultivar.
Seed.
- PI 573538 **origin:** Russian Federation. **cultivar:** KOLPASEVSKIJ.
collector id: WIR 13374. **other id:** NSGC 158. Cultivar.
Seed.
- PI 573539 **origin:** Russian Federation. **cultivar:** DRUG. **collector**
id: WIR 13563. **other id:** NSGC 159. Cultivar. Seed.
- PI 573540 **origin:** Russian Federation. **cultivar:** MIRNYJ. **collector**
id: WIR 12112. **other id:** NSGC 160. Cultivar. Seed.
- PI 573541 **origin:** Russian Federation. **cultivar:** KRUPNOZERNYJ.
collector id: WIR 13370. **other id:** NSGC 161. Cultivar.
Seed.
- PI 573542 **origin:** Russian Federation. **source history:** Developed in
the Tomsk region.. **cultivar:** NARYMSKIJ 943. **collector**
id: WIR 11122. **other id:** NSGC 162. Cultivar. Seed.
- PI 573543 **origin:** Russian Federation. **cultivar:** ISIM. **collector**
id: WIR 12369. **other id:** NSGC 163. Cultivar. Seed.
- PI 573544 **origin:** Russian Federation. **cultivar:** KORMOVOJ 2.
collector id: WIR 12368. **other id:** NSGC 164. Cultivar.
Seed.
- PI 573545 **origin:** Russian Federation. **cultivar:** ODNAGRIVYJ.
collector id: WIR 11477. **other id:** NSGC 165. Cultivar.
Seed.
- PI 573546 **origin:** Russian Federation. **collector id:** WIR 2137.
other id: NSGC 166. **locality:** Tatarstan. Landrace.
Seed.
- PI 573547 **origin:** Russian Federation. **collector id:** WIR 2131.
other id: NSGC 167. **locality:** Tatarstan. Landrace.
Seed.
- PI 573548 **origin:** Armenia. **collector id:** WIR 4953. **other id:** NSGC
168. Landrace. Seed.
- PI 573549 **origin:** Russian Federation. **cultivar:** SIBIRSKIJ.
collector id: WIR 12370. **other id:** NSGC 169. Cultivar.
Seed.

PI 573537 to 573580-continued

- PI 573550 **origin:** Belarus. **collector id:** WIR 9602. **other id:** NSGC 170. Landrace. Seed.
- PI 573551 **origin:** Russian Federation. **collector id:** WIR 10796. **other id:** NSGC 171. **locality:** Kirov Region. Landrace. Seed.
- PI 573552 **origin:** Russian Federation. **cultivar:** VAINAGS. **collector id:** WIR 9937. **other id:** NSGC 172. Cultivar. Seed.
- PI 573553 **origin:** Russian Federation. **cultivar:** ISETSKIJ. **collector id:** WIR 12557. **other id:** NSGC 173. Cultivar. Seed.
- PI 573554 **origin:** Russian Federation. **cultivar:** MUTIKA 169. **collector id:** WIR 12371. **other id:** NSGC 174. Cultivar. Seed.
- PI 573555 **origin:** Uzbekistan. **collector id:** WIR 3741. **other id:** NSGC 175. Landrace. Seed.
- PI 573556 **origin:** Latvia. **collector id:** WIR 9860. **other id:** NSGC 176. Landrace. Seed.
- PI 573557 **origin:** Russian Federation. **cultivar:** PRIKARPATSKIJ 6. **collector id:** WIR 12372. **other id:** NSGC 179. Cultivar. Seed.
- PI 573558 **origin:** Russian Federation. **cultivar:** URAL. **collector id:** WIR 12558. **other id:** NSGC 180. Cultivar. Seed.
- PI 573559 **origin:** Russian Federation. **collector id:** WIR 2134. **other id:** NSGC 181. **locality:** Tatarstan. Landrace. Seed.
- PI 573560 **origin:** Russian Federation. **collector id:** WIR 8101. **other id:** NSGC 183. **locality:** Leningrad Region. Landrace. Seed.
- PI 573561 **origin:** Russian Federation. **cultivar:** UZBEKSKIJ SIROKOLISTNYJ. **collector id:** WIR 11750. **other id:** NSGC 184. Cultivar. Seed.
- PI 573562 **origin:** Russian Federation. **origin institute:** W Weibull AB, Landskrona, Uppsala Sweden. **cultivar:** TRIO. **pedigree:** Eko/Argus//Drott/Argus. **collector id:** WIR 10526. **other id:** NSGC 185. Cultivar. Seed.
- PI 573563 **origin:** Russian Federation. **cultivar:** ZALALOVOI. **collector id:** WIR 12212. **other id:** NSGC 186. Cultivar. Seed.

PI 573537 to 573580-continued

- PI 573564 **origin:** Russian Federation. **cultivar:** GEREL. **collector id:** WIR 13375. **other id:** NSGC 187. Cultivar. Seed.
- PI 573565 **origin:** Russian Federation. **cultivar:** PECORSKIJ. **collector id:** WIR 10939. **other id:** NSGC 189. Cultivar. Seed.
- PI 573566 **origin:** Moldova. **collector id:** WIR 10599. **other id:** NSGC 190. Landrace. Seed.
- PI 573567 **origin:** China. **collector id:** WIR 10950. **other id:** NSGC 192. Landrace. Seed.
- PI 573568 **origin:** Israel. **collector id:** WIR 4798. **other id:** NSGC 197. **received as:** Avena byzantina var. culta. Landrace. Seed.
- PI 573569 **origin:** Syria. **collector id:** WIR 4784. **other id:** NSGC 198. **received as:** Avena byzantina var. culta. Landrace. Seed.
- PI 573570 **origin:** Algeria. **collector id:** WIR 4743. **other id:** NSGC 199. **received as:** Avena byzantina var. rubra. Landrace. Seed.
- PI 573571 **origin:** Russian Federation. **cultivar:** SAO FRANCISCO. **collector id:** WIR 11359. **other id:** NSGC 200. **received as:** Avena byzantina var. rubra. Cultivar. Seed.
- PI 573572 **origin:** Cyprus. **collector id:** WIR 4873. **other id:** NSGC 201. **received as:** Avena byzantina var. nigra. Landrace. Seed.
- PI 573573 **origin:** Russian Federation. **cultivar:** BUG. **collector id:** WIR 13676. **other id:** NSGC 207. Cultivar. Seed.
- PI 573574 **origin:** Russian Federation. **cultivar:** BELOZERNYJ. **collector id:** WIR 12366. **other id:** NSGC 208. Cultivar. Seed.
- PI 573575 **origin:** Russian Federation. **cultivar:** GORIZONT. **collector id:** WIR 12113. **other id:** NSGC 209. Cultivar. Seed.
- PI 573576 **origin:** Russian Federation. **cultivar:** SKAKUN. **collector id:** WIR 13780. **other id:** NSGC 210. Cultivar. Seed.
- PI 573577 **origin:** Russian Federation. **cultivar:** CERKASSKIJ I. **collector id:** WIR 13476. **other id:** NSGC 211. Cultivar. Seed.

PI 573537 to 573580-continued

PI 573578 **origin:** Russian Federation. **cultivar:** L'VOVSKIJ I.
collector id: WIR 13408. **other id:** NSGC 212. Cultivar.
Seed.

PI 573579 **origin:** Russian Federation. **source history:** Developed in
the Dnepropetrovsk region.. **cultivar:** SINEL'NIKOVSKIJ
29. **collector id:** WIR 13549. **other id:** NSGC 213.
Cultivar. Seed.

PI 573580 **origin:** Russian Federation. **cultivar:** CERNIGOVSKIJ 126.
collector id: WIR 12115. **other id:** NSGC 214. Cultivar.
Seed.

PI 573581 to 573585. *Avena strigosa* Schreber POACEAE

Donated by: Dragavtsev, V., N.I. Vavilov Inst. of Plant Industry, 44
Herzen Street, St. Petersburg 190000, Russian Federation. Received
October 14, 1993.

PI 573581 **origin:** United Kingdom. **collector id:** WIR 4487. **other**
id: NSGC 202. Landrace. Seed.

PI 573582 **origin:** United Kingdom. **collector id:** WIR 4483. **other**
id: NSGC 203. Landrace. Seed.

PI 573583 **origin:** United Kingdom. **collector id:** WIR 4489. **other**
id: NSGC 204. Landrace. Seed.

PI 573584 **origin:** Spain. **collector id:** WIR 5200. **other id:** NSGC
205. Landrace. Seed.

PI 573585 **origin:** Spain. **collector id:** WIR 5201. **other id:** NSGC
206. Wild. Seed.

PI 573586. *Hordeum vulgare* subsp. *spontaneum* (K. Koch) Thell. POACEAE

Donated by: Dragavtsev, V., N.I. Vavilov Inst. of Plant Industry, 44
Herzen Street, St. Petersburg 190000, Russian Federation. Received
October 14, 1993.

origin: Kazakhstan. **collector:** N.I. Vavilov Institute of
Plant Industry, St. Petersburg. **collector id:** WIR W407.
other id: NSGC 267. Wild. Seed.

PI 573587 to 573632. *Hordeum vulgare* L. subsp. *vulgare* POACEAE

Donated by: Dragavtsev, V., N.I. Vavilov Inst. of Plant Industry, 44
Herzen Street, St. Petersburg 190000, Russian Federation. Received
October 14, 1993.

PI 573587 to 573632-continued

- PI 573587 **origin:** Russian Federation. **cultivar:** PERVENEC.
collector: N.I. Vavilov Institute of Plant Industry, St.
Petersburg. **collector id:** WIR 26337. **other id:** NSGC
215. Cultivar. Seed.
- PI 573588 **origin:** Russian Federation. **cultivar:** ZAZERSKIJ 85.
collector: N.I. Vavilov Institute of Plant Industry, St.
Petersburg. **collector id:** WIR 26965. **other id:** NSGC
216. Cultivar. Seed.
- PI 573589 **origin:** Russian Federation. **cultivar:** HAR'KOVSKIJ 74.
collector: N.I. Vavilov Institute of Plant Industry, St.
Petersburg. **collector id:** WIR 26772. **other id:** NSGC
217. Cultivar. Seed.
- PI 573590 **origin:** Russian Federation. **cultivar:** NOSOVSKIJ 9.
collector: N.I. Vavilov Institute of Plant Industry, St.
Petersburg. **collector id:** WIR 24740. **other id:** NSGC
218. Cultivar. Seed.
- PI 573591 **origin:** Russian Federation. **cultivar:** PODOL'SKIJ 8.
collector: N.I. Vavilov Institute of Plant Industry, St.
Petersburg. **collector id:** WIR 22084. **other id:** NSGC
219. Cultivar. Seed.
- PI 573592 **origin:** Russian Federation. **cultivar:** NUTANS 778.
collector: N.I. Vavilov Institute of Plant Industry, St.
Petersburg. **collector id:** WIR 27557. **other id:** NSGC
220. Cultivar. Seed.
- PI 573593 **origin:** Russian Federation. **cultivar:** ZERNOGRADSKIJ 73.
collector: N.I. Vavilov Institute of Plant Industry, St.
Petersburg. **collector id:** WIR 24752. **other id:** NSGC
221. Cultivar. Seed.
- PI 573594 **origin:** Russian Federation. **cultivar:** AUKSINIAJ 3.
collector: N.I. Vavilov Institute of Plant Industry, St.
Petersburg. **collector id:** WIR 28117. **other id:** NSGC
223. Cultivar. Seed.
- PI 573595 **origin:** Russian Federation. **cultivar:** PODOL'SKIJ 14.
collector: N.I. Vavilov Institute of Plant Industry, St.
Petersburg. **collector id:** WIR 29200. **other id:** NSGC
224. Cultivar. Seed.
- PI 573596 **origin:** Russian Federation. **cultivar:** PIROGOVSKIJ.
collector: N.I. Vavilov Institute of Plant Industry, St.
Petersburg. **collector id:** WIR 25939. **other id:** NSGC
225. Cultivar. Seed.

PI 573587 to 573632-continued

- PI 573597 **origin:** Russian Federation. **cultivar:** BORATINSKIJ.
collector: N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 27738. **other id:** NSGC 226. Cultivar. Seed.
- PI 573598 **origin:** Russian Federation. **cultivar:** ODESSKIJ 100.
collector: N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 26864. **other id:** NSGC 228. Cultivar. Seed.
- PI 573599 **origin:** Russian Federation. **cultivar:** ROMANTIK.
collector: N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 28935. **other id:** NSGC 229. Cultivar. Seed.
- PI 573600 **origin:** Russian Federation. **cultivar:** NEVSKIJ.
collector: N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 23684. **other id:** NSGC 230. Cultivar. Seed.
- PI 573601 **origin:** Russian Federation. **cultivar:** PRIKUMSKIJ 26.
collector: N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 25074. **other id:** NSGC 231. Cultivar. Seed.
- PI 573602 **origin:** Russian Federation. **cultivar:** AKTIV. **collector:** N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 24985. **other id:** NSGC 232. Cultivar. Seed.
- PI 573603 **origin:** Russian Federation. **cultivar:** CIKLON.
collector: N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 26049. **other id:** NSGC 235. Cultivar. Seed.
- PI 573604 **origin:** Ethiopia. **collector:** N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 5445. **other id:** NSGC 236. Landrace. Seed.
- PI 573605 **origin:** Russian Federation. **cultivar:** ENISEJ.
collector: N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 24714. **other id:** NSGC 237. Cultivar. Seed.
- PI 573606 **origin:** Russian Federation. **cultivar:** NAVATOR.
collector: N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 24984. **other id:** NSGC 238. Cultivar. Seed.

PI 573587 to 573632-continued

- PI 573607 **origin:** Russian Federation. **cultivar:** NARYMCANIN.
collector: N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 27039. **other id:** NSGC 239. Cultivar. Seed.
- PI 573608 **origin:** Russian Federation. **cultivar:** GINTARINIAJ.
collector: N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 21894. **other id:** NSGC 240. Cultivar. Seed.
- PI 573609 **origin:** Ethiopia. **collector:** N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 19490. **other id:** NSGC 241. Landrace. Seed.
- PI 573610 **origin:** Armenia. **collector:** N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 4697. **other id:** NSGC 242. Landrace. Seed.
- PI 573611 **origin:** Cameroon. **collector:** N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 25662. **other id:** NSGC 243. Cultivated. Seed.
- PI 573612 **origin:** Ethiopia. **collector:** N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 25001. **other id:** NSGC 244. Landrace. Seed.
- PI 573613 **origin:** Ethiopia. **collector:** N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 26593. **other id:** NSGC 245. Landrace. Seed.
- PI 573614 **origin:** China. **collector:** N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 15903. **other id:** NSGC 246. Landrace. Seed.
- PI 573615 **origin:** Mongolia. **collector:** N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 3938. **other id:** NSGC 247. Landrace. Seed.
- PI 573616 **origin:** Tajikistan. **collector:** N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 14819. **other id:** NSGC 248. Landrace. Seed.
- PI 573617 **origin:** Russian Federation. **cultivar:** ABAVA. **collector:** N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 24724. **other id:** NSGC 249. Cultivar. Seed.
- PI 573618 **origin:** Mongolia. **collector:** N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 21723. **other id:** NSGC 250. Landrace. Seed.

PI 573587 to 573632-continued

- PI 573619 **origin:** Russian Federation. **cultivar:** MOSKOVSKIJ 2.
collector: N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 27038. **other id:** NSGC 251. Cultivar. Seed.
- PI 573620 **origin:** Russian Federation. **cultivar:** ZERNOGRADSKIJ 86.
collector: N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 25936. **other id:** NSGC 253. Cultivar. Seed.
- PI 573621 **origin:** Russian Federation. **cultivar:** ODESSKIJ 82.
collector: N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 25929. **other id:** NSGC 254. Cultivar. Seed.
- PI 573622 **origin:** Georgia. **collector:** N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 6157. **other id:** NSGC 255. Landrace. Seed.
- PI 573623 **origin:** Russian Federation. **cultivar:** NUTANS 518.
collector: N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 25931. **other id:** NSGC 256. Cultivar. Seed.
- PI 573624 **origin:** Russian Federation. **cultivar:** DONECKIJ 8.
collector: N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 23682. **other id:** NSGC 257. Cultivar. Seed.
- PI 573625 **origin:** Russian Federation. **cultivar:** NUTANS 244.
collector: N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 20361. **other id:** NSGC 258. Cultivar. Seed.
- PI 573626 **origin:** Russian Federation. **cultivar:** HAR'KOVSKIJ 70.
collector: N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 23683. **other id:** NSGC 259. Cultivar. Seed.
- PI 573627 **origin:** Russian Federation. **cultivar:** USTIMOVSKIJ.
collector: N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 23784. **other id:** NSGC 260. Cultivar. Seed.
- PI 573628 **origin:** Russian Federation. **cultivar:** ODESSKIJ 70.
collector: N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 22024. **other id:** NSGC 261. Cultivar. Seed.

PI 573587 to 573632-continued

- PI 573629 **origin:** Ethiopia. **source history:** Obtained from Inst. f. Kulturpflanzenforschung, Gatersleben.. **collector:** N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 20154. **other id:** HOR 3293. **other id:** A HOR 3293/66. **other id:** NSGC 262. Landrace. Seed.
- PI 573630 **origin:** Ethiopia. **collector:** N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 26598. **other id:** NSGC 264. Landrace. Seed.
- PI 573631 **origin:** Russian Federation. **cultivar:** LUCKIJ. **collector:** N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 25288. **other id:** NSGC 265. Cultivar. Seed.
- PI 573632 **origin:** Azerbaijan. **collector:** N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 7851. **other id:** NSGC 266. Landrace. Seed.

PI 573633 to 573646. *Secale cereale* L. subsp. *cereale* POACEAE

Donated by: Dragavtsev, V., N.I. Vavilov Inst. of Plant Industry, 44 Herzen Street, St. Petersburg 190000, Russian Federation. Received October 14, 1993.

- PI 573633 **origin:** Russian Federation. **cultivar:** HAR'KOVSKAJA 60. **collector:** N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 10264. **other id:** NSGC 130. Cultivar. Seed.
- PI 573634 **origin:** Russian Federation. **cultivar:** SORNOPOLEVAJA. **collector:** N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 9762. **other id:** NSGC 131. Cultivar. Seed.
- PI 573635 **origin:** Russian Federation. **cultivar:** SORNOPOLEVAJA. **collector:** N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 9657. **other id:** NSGC 132. Cultivar. Seed.
- PI 573636 **origin:** Russian Federation. **cultivar:** UDINSKAJA. **collector:** N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 9450. **other id:** NSGC 133. Cultivar. Seed.
- PI 573637 **origin:** Russian Federation. **cultivar:** CISMINSKAJA 2. **collector:** N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 10293. **other id:** NSGC 134. Cultivar. Seed.

PI 573633 to 573646-continued

- PI 573638 **origin:** Russian Federation. **cultivar:** BIRSKAJA 2.
collector: N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 10479. **other id:** NSGC 135. Cultivar. Seed.
- PI 573639 **origin:** Russian Federation. **cultivar:** HAR'KOVSKAJA 194.
collector: N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 9577. **other id:** NSGC 136. Cultivar. Seed.
- PI 573640 **origin:** Russian Federation. **cultivar:** CULPAN.
collector: N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 10654. **other id:** NSGC 137. Cultivar. Seed.
- PI 573641 **origin:** Russian Federation. **cultivar:** HAR'KOVSKAJA 55.
collector: N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 10162. **other id:** NSGC 138. Cultivar. Seed.
- PI 573642 **origin:** Russian Federation. **cultivar:** ONOHOJSKAJA.
collector: N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 9357. **other id:** NSGC 139. Cultivar. Seed.
- PI 573643 **origin:** Russian Federation. **cultivar:** VIATKA SEVERNAJA.
collector: N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 10805. **other id:** NSGC 141. Cultivar. Seed.
- PI 573644 **origin:** Russian Federation. **cultivar:** GIBRID 173.
collector: N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 10379. **other id:** NSGC 142. Cultivar. Seed.
- PI 573645 **origin:** Russian Federation. **cultivar:** JAROSLAVNA.
collector: N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 10448. **other id:** NSGC 144. Cultivar. Seed.
- PI 573646 **origin:** Russian Federation. **cultivar:** TALOVSKAJA 12.
collector: N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 10831. **other id:** NSGC 145. Cultivar. Seed.

PI 573647. *Secale cereale* subsp. tetraploidum Kobylj. POACEAE

Donated by: Dragavtsev, V., N.I. Vavilov Inst. of Plant Industry, 44 Herzen Street, St. Petersburg 190000, Russian Federation. Received October 14, 1993.

PI 573647-continued

origin: Russian Federation. **cultivar:** KORMOVAJA 51.
collector: N.I. Vavilov Institute of Plant Industry, St.
Petersburg. **collector id:** WIR 10650. **other id:** NSGC
146. **Cultivar. Seed.**

PI 573648 to 573649. *Secale vavilovii* Grossh. POACEAE

Donated by: Dragavtsev, V., N.I. Vavilov Inst. of Plant Industry, 44
Herzen Street, St. Petersburg 190000, Russian Federation. Received
October 14, 1993.

PI 573648 **origin:** Russian Federation. **collector:** N.I. Vavilov
Institute of Plant Industry, St. Petersburg. **collector
id:** WIR 9655. **other id:** NSGC 147. **locality:** North
Ossetia. **received as:** *Secale cereale* ssp. *vavilovii*.
Wild. Seed.

PI 573649 **origin:** Afghanistan. **collector:** N.I. Vavilov Institute
of Plant Industry, St. Petersburg. **collector id:** WIR
10936. **other id:** NSGC 149. **received as:** *Secale cereale*
ssp. *vavilovii*. Wild. Seed.

PI 573650. *Secale x derzhavinii* Tzvelev POACEAE

Donated by: Dragavtsev, V., N.I. Vavilov Inst. of Plant Industry, 44
Herzen Street, St. Petersburg 190000, Russian Federation. Received
October 14, 1993.

origin: Russian Federation. **cultivar:** KORMOVAJA 61.
collector: N.I. Vavilov Institute of Plant Industry, St.
Petersburg. **collector id:** WIR 10290. **other id:** NSGC
143. **received as:** *Secale cereale* ssp. *derzhavinii*.
Cultivar. Seed.

PI 573651 to 573657. *Avena sativa* L. POACEAE

Donated by: Hanelt, P., Zentralinstitut fur Genetik u. Kultur.,
Correnstrasse 3, D-O-4325, Gatersleben, Germany. Received October
14, 1993.

PI 573651 **origin:** Georgia. **origin institute id:** A Ave 2400/85.
collected: August 02, 1982. **collector id:** SN-494. **other
id:** NSGC 403. **locality:** Lachasuri, north of Cageri,
Rayon Lentechi, Unter-Svanetien, Talsdes Cchenischkali;
small fields in river valley. **elevation:** 620m.
Landrace. Seed.

PI 573651 to 573657-continued

- PI 573652 **origin:** Georgia. **origin institute id:** A Ave 2401/83. **collected:** August 06, 1982. **collector id:** SN-563. **other id:** NSGC 407. **locality:** Majakovski, Rayon Majakovski; Meschetskij chrebet, south of Imeretien; probably originally from Russia. Landrace. Seed.
- PI 573653 **origin:** Georgia. **origin institute id:** A Ave 2646/86. **collected:** August 06, 1982. **collector id:** SN-1398. **other id:** NSGC 408. **locality:** Majakovski, Rayon Majakovski; Meschetskij chrebet, south of Imeretien. Landrace. Seed.
- PI 573654 **origin:** Georgia. **origin institute id:** A Ave 2676/89. **collected:** July 30, 1986. **collector id:** SN-1906. **other id:** NSGC 411. **locality:** Kvemo Cala, Rayon Kaspi, historical province Kartli. Landrace. Seed.
- PI 573655 **origin:** Georgia. **origin institute id:** A Ave 2677/87. **collected:** July 31, 1986. **collector id:** SN-1909. **other id:** NSGC 413. **locality:** Kanda, Rayon Gori, historical province Kartli; single plant at edge of rye field (SN-1908). Landrace. Seed.
- PI 573656 **origin:** Georgia. **origin institute id:** A Ave 2680/89. **collected:** August 01, 1986. **collector id:** SN-1913. **other id:** NSGC 415. **locality:** Duseti, about 40 km northwest of Tblisi, Rayon Duseti, historical province Mtiuleti; originally from Rayon Cerkassk Stammt. **elevation:** 890m. Landrace. Seed.
- PI 573657 **origin:** Georgia. **origin institute id:** A Ave 2687/89. **collected:** August 20, 1987. **collector id:** SN-2206. **other id:** NSGC 453. **locality:** Kvavlo, above Dartlo, northwest of Osalo, Rayon Achaeta, historical province Tuschetien; originally from Daghestan. **elevation:** 2100m. Landrace. Seed.

PI 573658 to 573706. *Hordeum vulgare* L. subsp. *vulgare* POACEAE

Donated by: Hanelt, P., Zentralinstitut fur Genetik u. Kultur., Correnstrasse 3, D-O-4325, Gatersleben, Germany. Received October 14, 1993.

- PI 573658 **origin:** Georgia. **collected:** August 05, 1981. **collector:** P. Hanelt, ZiGuK, Gatersleben J. Kruse, Botanical Institute, Tblisi. **collector id:** SN-6. **other id:** HOR 9607. **other id:** A Hor 9607/82. **other id:** NSGC 340. **locality:** Doli near Beco, southwest of Mestia, Rayon Mestia (Ober-Svanetien); homogenous field stand. **elevation:** 1350m. Landrace. Seed.

PI 573658 to 573706-continued

- PI 573659 **origin:** Georgia. **collected:** August 05, 1981. **collector:** P. Hanelt, ZiGuK, Gatersleben J. Kruse, Botanical Institute, Tblisi. **collector id:** SN-8. **other id:** HOR 9608. **other id:** A Hor 9608/82. **other id:** NSGC 342. **locality:** Ckidianari near Beco, southwest of Mestia, Rayon Mestia (Ober-Svanetien). **elevation:** 1450m. Landrace. Seed.
- PI 573660 **origin:** Georgia. **collected:** August 06, 1981. **collector:** P. Hanelt, ZiGuK, Gatersleben J. Kruse, Botanical Institute, Tblisi. **collector id:** SN-11. **other id:** HOR 9609. **other id:** A Hor 9609/82. **other id:** NSGC 343. **locality:** Zabesi near Muzali, east of Mestia, Rayon Mestia (Ober-Svanetien). **elevation:** 1600m. Landrace. Seed.
- PI 573661 **origin:** Georgia. **origin institute id:** AR 9610/82. **collected:** August 06, 1981. **collector:** P. Hanelt, ZiGuK, Gatersleben J. Kruse, Botanical Institute, Tblisi. **collector id:** SN-14. **other id:** NSGC 344. **locality:** Chaldas near Muzali, east of Mestia, Rayon Mestia (Ober-Svanetien). **elevation:** 1500m. Landrace. Seed.
- PI 573662 **origin:** Georgia. **collected:** August 06, 1981. **collector:** P. Hanelt, ZiGuK, Gatersleben J. Kruse, Botanical Institute, Tblisi. **collector id:** SN-26. **other id:** HOR 9611. **other id:** A Hor 9611/82. **other id:** NSGC 345. **locality:** Lachiri near Muzali, east of Mestia, Rayon Mestia (Ober-Svanetien). Landrace. Seed.
- PI 573663 **origin:** Georgia. **collected:** August 07, 1981. **collector:** P. Hanelt, ZiGuK, Gatersleben J. Kruse, Botanical Institute, Tblisi. **collector id:** SN-33. **other id:** HOR 9612. **other id:** A Hor 9612/82. **other id:** NSGC 346. **locality:** Lami near Latali, southwest of Mestia, Rayon Mestia (Ober-Svanetien). **elevation:** 1350m. Landrace. Seed.
- PI 573664 **origin:** Georgia. **collected:** August 07, 1981. **collector:** P. Hanelt, ZiGuK, Gatersleben J. Kruse, Botanical Institute, Tblisi. **collector id:** SN-47. **other id:** HOR 9613. **other id:** A Hor 9613/82. **other id:** NSGC 347. **locality:** Macchvarisi near Latali, southwest of Mestia, Rayon Mestia (Ober-Svanetien). Landrace. Seed.
- PI 573665 **origin:** Georgia. **collected:** August 07, 1981. **collector:** P. Hanelt, ZiGuK, Gatersleben J. Kruse, Botanical Institute, Tblisi. **collector id:** SN-54a. **other id:** NSGC 348. **locality:** Latali, west of Mestia, Rayon Mestia (Ober-Svanetien); plots in experimental field; local form from Usguli. Landrace. Seed.

PI 573658 to 573706-continued

- PI 573666 **origin:** Georgia. **collected:** August 08, 1981. **collector:** P. Hanelt, ZiGuK, Gatersleben J. Kruse, Botanical Institute, Tblisi. **collector id:** SN-59. **other id:** HOR 9616. **other id:** A Hor 9616/82. **other id:** NSGC 349. **locality:** Lagami, 2 km northeast of Mestia, Rayon Mestia (Ober-Svanetien). Landrace. Seed.
- PI 573667 **origin:** Georgia. **collected:** August 08, 1981. **collector:** P. Hanelt, ZiGuK, Gatersleben J. Kruse, Botanical Institute, Tblisi. **collector id:** SN-63. **other id:** HOR 9617. **other id:** A Hor 9617/82. **other id:** NSGC 350. **locality:** Lagami, 2 km northeast of Mestia, Rayon Mestia (Ober-Svanetien); edge of village. Landrace. Seed.
- PI 573668 **origin:** Georgia. **collected:** August 08, 1981. **collector:** P. Hanelt, ZiGuK, Gatersleben J. Kruse, Botanical Institute, Tblisi. **collector id:** SN-71. **other id:** HOR 9618. **other id:** A Hor 9618/82. **other id:** NSGC 351. **locality:** Lancvali, 1 km east of Mestia, Rayon Mestia (Ober-Svantien). Landrace. Seed.
- PI 573669 **origin:** Georgia. **collected:** August 08, 1981. **collector:** P. Hanelt, ZiGuK, Gatersleben J. Kruse, Botanical Institute, Tblisi. **collector id:** SN-73. **other id:** HOR 9619. **other id:** A Hor 9619/82. **other id:** NSGC 352. **locality:** Lancvali, 1 km east of Mestia, Rayon Mestia (Ober-Svantien). Landrace. Seed.
- PI 573670 **origin:** Georgia. **collected:** August 09, 1981. **collector:** P. Hanelt, ZiGuK, Gatersleben J. Kruse, Botanical Institute, Tblisi. **collector id:** SN-80a. **other id:** HOR 9622. **other id:** A Hor 9622/82. **other id:** NSGC 354. **locality:** Cubiani near Usguli, east-southeast of Mestia, Rayon Mestia (Ober-Svanetien). **elevation:** 1950m. Landrace. Seed.
- PI 573671 **origin:** Georgia. **collected:** August 09, 1981. **collector:** P. Hanelt, ZiGuK, Gatersleben J. Kruse, Botanical Institute, Tblisi. **collector id:** SN-81a. **other id:** HOR 9624. **other id:** A Hor 9624/82. **other id:** NSGC 355. **locality:** Cubiani near Usguli, east-southeast of Mestia, Rayon Mestia (Ober-Svanetien). **elevation:** 1950m. Landrace. Seed.
- PI 573672 **origin:** Georgia. **collected:** August 09, 1981. **collector:** P. Hanelt, ZiGuK, Gatersleben J. Kruse, Botanical Institute, Tblisi. **collector id:** SN-84a. **other id:** HOR 9626. **other id:** A Hor 9626/82. **other id:** NSGC 356. **locality:** Zibiani near Usguli, east-southeast of Mestia, Rayon Mestia (Ober-Svanetien). **elevation:** 2000m. Landrace. Seed.

PI 573658 to 573706-continued

- PI 573673 **origin:** Georgia. **collected:** August 09, 1981. **collector:** P. Hanelt, ZiGuK, Gatersleben J. Kruse, Botanical Institute, Tblisi. **collector id:** SN-85a. **other id:** HOR 9628. **other id:** A Hor 9628. **other id:** NSGC 357. **locality:** Zibiani near Usguli, east-southeast of Mestia, Rayon Mestia (Ober-Svanetien). **elevation:** 2000m. Landrace. Seed.
- PI 573674 **origin:** Georgia. **collected:** August 14, 1981. **collector:** P. Hanelt, ZiGuK, Gatersleben J. Kruse, Botanical Institute, Tblisi. **collector id:** SN-229. **other id:** HOR 9630. **other id:** A Hor 9630/82. **other id:** NSGC 363. **locality:** Sori, between Oni and Ambrolauri, nabe der Rayonsgrenze, Rayon Oni (Ober-Raca). Landrace. Seed.
- PI 573675 **origin:** Georgia. **collected:** July 27, 1984. **collector:** P. Hanelt, ZiGuK, Gatersleben J. Kruse, Botanical Institute, Tblisi. **collector id:** SN-1056. **other id:** HOR 10357. **other id:** A Hor 10357/86. **other id:** NSGC 370. **locality:** Latali, southwest of Mestia, Rayon Mestia, Ober-Svanetien; experimental plots at Botanical Institute. Landrace. Seed.
- PI 573676 **origin:** Georgia. **collected:** July 29, 1984. **collector:** P. Hanelt, ZiGuK, Gatersleben J. Kruse, Botanical Institute, Tblisi. **collector id:** SN-1065. **other id:** HOR 10360. **other id:** A Hor 10360/86. **other id:** NSGC 371. **locality:** Cazasi, Bez. Usguli, Rayon Mestia, am Oberlauf des Inguri, Ober-Svanetien. **elevation:** 2050m. Landrace. Seed.
- PI 573677 **origin:** Georgia. **collected:** July 29, 1984. **collector:** P. Hanelt, ZiGuK, Gatersleben J. Kruse, Botanical Institute, Tblisi. **collector id:** SN-1066. **other id:** HOR 10361. **other id:** A Hor 10361/86. **other id:** NSGC 372. **locality:** Cazasi, Bez Usguli, Rayon Mestia, am Oberlauf des Inguri, Ober-Svanetien. **elevation:** 2050m. Landrace. Seed.
- PI 573678 **origin:** Georgia. **collected:** August 01, 1986. **collector:** P. Hanelt, ZiGuK, Gatersleben J. Kruse, Botanical Institute, Tblisi. **collector id:** SN-1912. **other id:** TRI 10590. **other id:** H TRI 10590/87. **other id:** NSGC 414. **locality:** Duseti, about 40 km northwest of Tblisi, Rayon Duseti, historical province Mtiuleti. **elevation:** 890m. Landrace. Seed.

- PI 573679 **origin:** Georgia. **collected:** August 04, 1986. **collector:** P. Hanelt, ZiGuK, Gatersleben J. Kruse, Botanical Institute, Tblisi. **collector id:** SN-2025. **other id:** HOR 10591. **other id:** H Hor 10591/87. **other id:** NSGC 421. **locality:** between Picviani and Cheoba, Rayon Duseti, historical province Mtiuleti. **elevation:** 1200m. Landrace. Seed.
- PI 573680 **origin:** Georgia. **collected:** August 07, 1986. **collector:** P. Hanelt, ZiGuK, Gatersleben J. Kruse, Botanical Institute, Tblisi. **collector id:** SN-2072. **other id:** HOR 10641. **other id:** A Hor 10641/87. **other id:** NSGC 423. **locality:** Satili, about 80 km northwest of Duseti, Rayon Duseti, historical province Chevsuretien. **elevation:** 1450m. Landrace. Seed.
- PI 573681 **origin:** Georgia. **collected:** August 08, 1986. **collector:** P. Hanelt, ZiGuK, Gatersleben J. Kruse, Botanical Institute, Tblisi. **collector id:** SN-2079. **other id:** HOR 10640. **other id:** A Hor 10640/87. **other id:** NSGC 425. **locality:** Choniscala, about 8 km south of Satili, Rayon Duseti, historical province Chevsuretien. **elevation:** 1750m. Landrace. Seed.
- PI 573682 **origin:** Georgia. **collected:** August 09, 1986. **collector:** P. Hanelt, ZiGuK, Gatersleben J. Kruse, Botanical Institute, Tblisi. **collector id:** SN-2092a. **other id:** HOR 10643. **other id:** A Hor 10643/87. **other id:** NSGC 430. **locality:** Giorgicminda, Seitental des Argun oberhalb von Satili, Rayon Duseti, historical province Chevsuretien. Landrace. Seed.
- PI 573683 **origin:** Georgia. **collected:** August 09, 1986. **collector:** P. Hanelt, ZiGuK, Gatersleben J. Kruse, Botanical Institute, Tblisi. **collector id:** SN-2100. **other id:** HOR 10644. **other id:** A Hor 10644/88. **other id:** NSGC 432. **locality:** Labaiskari, Argun-Tal oberhalb von Satili, Rayon Duseti, historical province Chevsuretien. **elevation:** 2100m. Landrace. Seed.
- PI 573684 **origin:** Georgia. **collected:** August 09, 1986. **collector:** P. Hanelt, ZiGuK, Gatersleben J. Kruse, Botanical Institute, Tblisi. **collector id:** SN-2101. **other id:** HOR 10645. **other id:** A Hor 10645/87. **other id:** NSGC 433. **locality:** Labaiskari, Argun-Tal oberhalb von Satili, Rayon Duseti, historical province Chevsuretien. **elevation:** 2100m. Landrace. Seed.

- PI 573685 **origin:** Georgia. **collected:** August 11, 1986. **collector:** P. Hanelt, ZiGuK, Gatersleben J. Kruse, Botanical Institute, Tblisi. **collector id:** SN-2113. **other id:** HOR 10646. **other id:** A Hor 10646/87. **other id:** NSGC 437. **locality:** Chachmati, about 3 km west from Gudani, Rayon Duseti, historical province Chevsuretien. **elevation:** 2000m. Landrace. Seed.
- PI 573686 **origin:** Georgia. **collected:** August 11, 1986. **collector:** P. Hanelt, ZiGuK, Gatersleben J. Kruse, Botanical Institute, Tblisi. **collector id:** SN-2131. **other id:** HOR 10648. **other id:** A Hor 10648/87. **other id:** NSGC 443. **locality:** Cchuba, about 4 km north of Gudani, Rayon Duseti, historical province Chevsuretien. **elevation:** 1770m. Landrace. Seed.
- PI 573687 **origin:** Georgia. **collected:** August 13, 1986. **collector:** P. Hanelt, ZiGuK, Gatersleben J. Kruse, Botanical Institute, Tblisi. **collector id:** SN-2158. **other id:** HOR 10650. **other id:** A Hor 10650/87. **other id:** NSGC 445. **locality:** Ukanapsavi (Calachevi), about 13 km east of Suapcho, Rayon Duseti, historical province Psavi. **elevation:** 1650m. Landrace. Seed.
- PI 573688 **origin:** Georgia. **collected:** August 20, 1987. **collector:** P. Hanelt, ZiGuK, Gatersleben J. Kruse, Botanical Institute, Tblisi. **collector id:** SN-2207a. **other id:** HOR 10747. **other id:** A Hor 10747/88. **other id:** NSGC 454. **locality:** Kvavlo, above Dartlo, northwest of Osalo, Rayon Achaeta, historical province Tuschetien; harvested bundles. **elevation:** 2500m. Landrace. Seed.
- PI 573689 **origin:** Georgia. **collected:** August 20, 1987. **collector:** P. Hanelt, ZiGuK, Gatersleben J. Kruse, Botanical Institute, Tblisi. **collector id:** SN-2208. **other id:** HOR 10749. **other id:** A Hor 10749/88. **other id:** NSGC 455. **locality:** Kvavlo, above Dartlo, northwest of Osalo, Rayon Achaeta, historical province Tuschetien. **elevation:** 2050m. Landrace. Seed.
- PI 573690 **origin:** Georgia. **collected:** August 20, 1987. **collector:** P. Hanelt, ZiGuK, Gatersleben J. Kruse, Botanical Institute, Tblisi. **collector id:** SN-2212a. **other id:** HOR 10750. **other id:** A Hor 10750/88. **other id:** NSGC 456. **locality:** Osalo, Hochbecken, Rayon Achaeta, historical province Tuschetien. **elevation:** 1900m. Landrace. Seed.

- PI 573691 **origin:** Georgia. **collected:** August 23, 1987. **collector:** P. Hanelt, ZiGuK, Gatersleben J. Kruse, Botanical Institute, Tblisi. **collector id:** SN-2219a. **other id:** HOR 10756. **other id:** A Hor 10756/88. **other id:** NSGC 459. **locality:** Senako, northeast of Osalo, Jenseits der Pirikita Alazani, Hochbecken, Rayon Achaeta, historical province Tuschetien. **elevation:** 1900m. Landrace. Seed.
- PI 573692 **origin:** Georgia. **collected:** August 19, 1988. **collector:** P. Hanelt, ZiGuK, Gatersleben J. Kruse, Botanical Institute, Tblisi. **collector id:** SN-2229. **other id:** HOR 10774. **other id:** A Hor 10774/88. **other id:** NSGC 461. **locality:** Andaki, between Muco and Satili, Rayon Duseti, historical province Chevsuretien. Landrace. Seed.
- PI 573693 **origin:** Georgia. **collected:** January 19, 1988. **collector:** P. Hanelt, ZiGuK, Gatersleben J. Kruse, Botanical Institute, Tblisi. **collector id:** SN-2231. **other id:** HOR 10776. **other id:** A Hor 10776/88. **other id:** NSGC 463. **locality:** Chachabo, southwest of Satili, Rayon Duseti, historical province Chevsuretien. Landrace. Seed.
- PI 573694 **origin:** Georgia. **collected:** January 19, 1988. **collector:** P. Hanelt, ZiGuK, Gatersleben J. Kruse, Botanical Institute, Tblisi. **collector id:** SN-2234a. **other id:** HOR 10777. **other id:** A Hor 10777/88. **other id:** NSGC 466. **locality:** Ardoti, am Oberlauf des Andaki, south-southwest of Satili, Rayon Duseti, historical province Chevsuretien; originally from winter settlement Bachao. Landrace. Seed.
- PI 573695 **origin:** Georgia. **collected:** September 14, 1988. **collector:** P. Hanelt, ZiGuK, Gatersleben J. Kruse, Botanical Institute, Tblisi. **collector id:** SN-2355. **other id:** HOR 10849. **other id:** A Hor 10849/89. **other id:** NSGC 468. **locality:** Rayon Achaeta, historical province Kachetien; originally from Sovchoz. **elevation:** 570m. Landrace. Seed.
- PI 573696 **origin:** Georgia. **collected:** September 14, 1988. **collector:** P. Hanelt, ZiGuK, Gatersleben J. Kruse, Botanical Institute, Tblisi. **collector id:** SN-2390. **other id:** HOR 10820. **other id:** H Hor 10820/90. **other id:** NSGC 469. **locality:** Achaeta, Rayon Achaeta, historical province Kachetien; originally from Bulgaria. Cultivated. Seed.

PI 573658 to 573706-continued

- PI 573697 **origin:** Georgia. **collected:** September 14, 1988.
collector: P. Hanelt, ZiGuK, Gatersleben J. Kruse,
Botanical Institute, Tblisi. **collector id:** SN-2391.
other id: HOR 10821. **other id:** H Hor 10821/90. **other**
id: NSGC 470. **locality:** Achaeta, Rayon Achaeta,
historical province Kachetien. Cultivated. Seed.
- PI 573698 **origin:** Georgia. **collected:** September 14, 1988.
collector: P. Hanelt, ZiGuK, Gatersleben J. Kruse,
Botanical Institute, Tblisi. **collector id:** SN-2392.
other id: HOR 10822. **other id:** H Hor 10822/90. **other**
id: NSGC 471. **locality:** Achaeta, Rayon Achaeta,
historical province Kachetien. Cultivated. Seed.
- PI 573699 **origin:** Georgia. **collected:** September 14, 1988.
collector: P. Hanelt, ZiGuK, Gatersleben J. Kruse,
Botanical Institute, Tblisi. **collector id:** SN-2397.
other id: HOR 10824. **other id:** H Hor 10824/90. **other**
id: NSGC 472. **locality:** Magraani, Rayon Achaeta,
historical province Kachetien; originally from Sovchoz.
elevation: 550m. Landrace. Seed.
- PI 573700 **origin:** Georgia. **collected:** September 20, 1988.
collector: P. Hanelt, ZiGuK, Gatersleben J. Kruse,
Botanical Institute, Tblisi. **collector id:** SN-2534a.
other id: HOR 10823. **other id:** H Hor 10823/90. **other**
id: NSGC 473. **locality:** Saniore, Rayon Telavi,
historical province Kachetien. **elevation:** 450m.
Landrace. Seed.
- PI 573701 **origin:** Georgia. **collected:** September 18, 1989.
collector: P. Hanelt, ZiGuK, Gatersleben J. Kruse,
Botanical Institute, Tblisi. **collector id:** SN-2658.
other id: HOR 10879. **other id:** A Hor 10879/90. **other**
id: NSGC 474. **locality:** Manglis, Rayon Tetri-Ckaro
(Unter-Kartli); old landrace but new seed obtained from
institute in Tblisi. **elevation:** 1250m. Landrace. Seed.
- PI 573702 **origin:** Georgia. **collected:** September 19, 1989.
collector: P. Hanelt, ZiGuK, Gatersleben J. Kruse,
Botanical Institute, Tblisi. **collector id:** SN-2701.
other id: HOR 10886. **other id:** A Hor 10886/90. **other**
id: NSGC 475. **locality:** Misakciali n Mccheta, Rayon
Mccheta. **elevation:** 600m. Landrace. Seed.
- PI 573703 **origin:** Georgia. **collected:** September 26, 1989.
collector: P. Hanelt, ZiGuK, Gatersleben J. Kruse,
Botanical Institute, Tblisi. **collector id:** SN-2738a.
other id: HOR 10887. **other id:** A Hor 10887/90. **other**
id: NSGC 476. **locality:** Sviri aw Achalciche; Rayon
Achalciche. **elevation:** 1450m. Landrace. Seed.

PI 573658 to 573706-continued

- PI 573704 **origin:** Georgia. **collected:** September 26, 1989. **collector:** P. Hanelt, ZiGuK, Gatersleben J. Kruse, Botanical Institute, Tblisi. **collector id:** SN-2762. **other id:** HOR 10889. **other id:** A Hor 10889/90. **other id:** NSGC 477. **locality:** Vale aw Achalciche, Rayon Achalciche. **elevation:** 1150m. Landrace. Seed.
- PI 573705 **origin:** Georgia. **collected:** 1989. **collector:** P. Hanelt, ZiGuK, Gatersleben J. Kruse, Botanical Institute, Tblisi. **collector id:** SN-2803. **other id:** HOR 10892. **other id:** A Hor 10892/90. **other id:** NSGC 478. **locality:** Cero, Rayon Achaeta, historical province Tushetien. Landrace. Seed.
- PI 573706 **origin:** Georgia. **collected:** 1989. **collector:** P. Hanelt, ZiGuK, Gatersleben J. Kruse, Botanical Institute, Tblisi. **collector id:** SN-2810. **other id:** NSGC 479. **locality:** Omalo, Rayon Achaeta, center of the historical province Tushetien. **elevation:** 1890m. Landrace. Seed.

PI 573707 to 573720. *Secale cereale* L. POACEAE

Donated by: Hanelt, P., Zentralinstitut fur Genetik u. Kultur., Correnstrasse 3, D-O-4325, Gatersleben, Germany. Received October 14, 1993.

- PI 573707 **origin:** Georgia. **origin institute id:** AR 864/83. **collected:** August 02, 1982. **collector:** P. Hanelt, ZiGuK, Gatersleben J. Kruse, Botanical Institute, Tblisi. **collector id:** SN-509. **other id:** NSGC 405. **locality:** Mucdi, northeast of Lentechi, Rayon Lentechi, Unter-Svanetien, rand des Svanetskij chrebet. **elevation:** 1400m. Landrace. Seed.
- PI 573708 **origin:** Georgia. **origin institute id:** HR 972/87. **collected:** July 31, 1986. **collector:** P. Hanelt, ZiGuK, Gatersleben J. Kruse, Botanical Institute, Tblisi. **collector id:** SN-1908. **other id:** NSGC 412. **locality:** Kanda, Rayon Gori, historical province Kartli. Landrace. Seed.
- PI 573709 **origin:** Georgia. **origin institute id:** HR 973/87. **collected:** August 02, 1986. **collector:** P. Hanelt, ZiGuK, Gatersleben J. Kruse, Botanical Institute, Tblisi. **collector id:** SN-1967. **other id:** NSGC 418. **locality:** Zemo-Cichevdavi, Mcadidzvari, Rayon Duseti, historical province Mtiuleti. Landrace. Seed.

PI 573707 to 573720-continued

- PI 573710 **origin:** Georgia. **origin institute id:** HR 974/90.
collected: August 04, 1986. **collector:** P. Hanelt, ZiGuK,
Gatersleben J. Kruse, Botanical Institute, Tblisi.
collector id: SN-2026. **other id:** NSGC 422. **locality:**
between Picviani and Cheoba, Rayon Duseti, historical
province Mtiuleti; contaminant in barley field (SN-2025).
elevation: 1200m. Landrace. Seed.
- PI 573711 **origin:** Georgia. **origin institute id:** AR 991/87.
collected: August 08, 1986. **collector:** P. Hanelt, ZiGuK,
Gatersleben J. Kruse, Botanical Institute, Tblisi.
collector id: SN-2087. **other id:** NSGC 426. **locality:**
Muco, about 6 km southeast of Satili, Rayon Duseti,
historical province Chevsuretien. **elevation:** 1500m.
Landrace. Seed.
- PI 573712 **origin:** Georgia. **origin institute id:** AR 992/87.
collected: August 09, 1986. **collector:** P. Hanelt, ZiGuK,
Gatersleben J. Kruse, Botanical Institute, Tblisi.
collector id: SN-2090. **other id:** NSGC 428. **locality:**
Chone, about 15 km southeast of satili, Rayon Duseti,
historical province Chevsuretien. **elevation:** 2050m.
Landrace. Seed.
- PI 573713 **origin:** Georgia. **origin institute id:** AR 993/87.
collected: August 09, 1986. **collector:** P. Hanelt, ZiGuK,
Gatersleben J. Kruse, Botanical Institute, Tblisi.
collector id: SN-2093. **other id:** NSGC 431. **locality:**
Giorgicminda, Seitental des Argun oberhalb von Satili,
Rayon Duseti, historical province Chevsuretien.
Landrace. Seed.
- PI 573714 **origin:** Georgia. **origin institute id:** AR 994/87.
collected: August 09, 1986. **collector:** P. Hanelt, ZiGuK,
Gatersleben J. Kruse, Botanical Institute, Tblisi.
collector id: SN-2102. **other id:** NSGC 434. **locality:**
Labsaiskari, Argun-Tal oberhalb von Satili, Rayon Duseti,
historical province Chevsuretien. **elevation:** 2100m.
Landrace. Seed.
- PI 573715 **origin:** Georgia. **origin institute id:** AR 995/87.
collected: August 11, 1986. **collector:** P. Hanelt, ZiGuK,
Gatersleben J. Kruse, Botanical Institute, Tblisi.
collector id: SN-2114. **other id:** NSGC 438. **locality:**
Chachmati, about 3 km west from Gudani, Rayon Duseti,
historical province Chevsuretien. **elevation:** 2000m.
Landrace. Seed.

PI 573707 to 573720-continued

- PI 573716 **origin:** Georgia. **origin institute id:** AR 996/87.
collected: August 11, 1986. **collector:** P. Hanelt, ZiGuK,
Gatersleben J. Kruse, Botanical Institute, Tblisi.
collector id: SN-2122. **other id:** NSGC 439. **locality:**
Gudani, about 60 km northeast of Duseti, Rayon Duseti,
historical province Chevsuretien. **elevation:** 1700m.
Landrace. Seed.
- PI 573717 **origin:** Georgia. **origin institute id:** AR 997/87.
collected: August 11, 1986. **collector:** P. Hanelt, ZiGuK,
Gatersleben J. Kruse, Botanical Institute, Tblisi.
collector id: SN-2129. **other id:** NSGC 442. **locality:**
Cchuba, about 4 km north of Gudani, Rayon Duseti,
historical province Chevsuretien. **elevation:** 1770m.
Landrace. Seed.
- PI 573718 **origin:** Georgia. **origin institute id:** AR 1020/88.
collected: January 19, 1988. **collector:** P. Hanelt,
ZiGuK, Gatersleben J. Kruse, Botanical Institute, Tblisi.
collector id: SN-2232. **other id:** NSGC 464. **locality:**
Andaki, im Tal des gleichnamigen Flusses, between Muco
and Satili, Rayon Duseti, historical province
Chevsuretien. Landrace. Seed.
- PI 573719 **origin:** Georgia. **origin institute id:** HR 1021/90.
collected: January 19, 1988. **collector:** P. Hanelt,
ZiGuK, Gatersleben J. Kruse, Botanical Institute, Tblisi.
collector id: SN-2233. **other id:** NSGC 465. **locality:**
Andaki, im Tal des gleichnamigen Flusses, between Muco
and Satili, Rayon Duseti, historical province
Chevsuretien. Landrace. Seed.
- PI 573720 **origin:** Georgia. **origin institute id:** HR 863/85.
collected: August 02, 1982. **collector:** P. Hanelt, ZiGuK,
Gatersleben J. Kruse, Botanical Institute, Tblisi.
collector id: SN-508. **other id:** NSGC 404. **locality:**
Mucdi, northeast of Lentechi, Rayon Lentechi, Unter-
Svanetien, rand des Svanetskij chrebet. **elevation:**
1400m. Landrace. Seed.

PI 573721. *Avena nuda* L. POACEAE

Donated by: Mackay, M.C., Australian Winter Cereals Collection, RMB
944, Calala Lane, Tamworth, New South Wales 2340, Australia.
Received October 14, 1993.

PI 573721-continued

origin: Australia. **developed:** A.R. Barr, T. Hoppe.
origin institute: SA Dept. of Agriculture, South
Australia Australia. **origin institute id:** Terra 11/1.
cultivar: BANDICOOT. **pedigree:** Terra/West//CI
4492/3/OX77; 119-3-2. **collector id:** AUS 701417. **other
id:** OX81. **other id:** NSGC 500. Cultivar. Seed.

PI 573722 to 573726. Avena sativa L. POACEAE

Donated by: Mackay, M.C., Australian Winter Cereals Collection, RMB
944, Calala Lane, Tamworth, New South Wales 2340, Australia.
Received October 14, 1993.

PI 573722 **origin:** Australia. **origin institute:** Queensland Dept. of
Primary Industry, New South Wales Australia. **origin
institute id:** CIav 8456. **cultivar:** PANFIVE. **pedigree:**
Lodi/PI 267989. **collector id:** AUS 701389. **other id:**
NSGC 492. Cultivar. Seed.

PI 573723 **origin:** Australia. **origin institute:** Queensland Dept. of
Primary Industries, Queensland Australia. **origin
institute id:** 81Abl632. **cultivar:** AMBY. **pedigree:**
Cortez*5//Pendek/ME 1563/5/C75-12/4/Coker 227/Coker 234//
Tam O-301/Tam O-312/3/CI 9221. **collector id:** AUS 701390.
other id: NSGC 495. Cultivar. Seed.

PI 573724 **origin:** Australia. **origin institute:** Queensland Dept. of
Primary Industries, Queensland Australia. **origin
institute id:** 81Abl970. **cultivar:** CULGOA. **pedigree:**
Cortez*4//Pendek/C5-2/6/4*Cortez//Pendek/ME 1563/5/Tam
O-312 /4/Coker 227//Tam O-301/2*Tam O-312/3/CI 9221.
collector id: AUS 701391. **other id:** NSGC 496. Cultivar.
Seed.

PI 573725 **origin:** Australia. **origin institute:** Queensland Dept. of
Primary Industry, Queensland Australia. **origin
institute id:** 81Abl710. **cultivar:** NOBBY. **pedigree:**
Coker 234/Coker 227//Tam O-301/Tam O-312/5/Coker 227//
Tam O-301/Tam O-312/4/Coker 227/Coker 234//Tam O-301/ Tam
O-312. **collector id:** AUS 701392. **other id:** NSGC 497.
Cultivar. Seed.

PI 573726 **origin:** Australia. **origin institute:** WA Dept. of
Agriculture, Western Australia Australia. **origin
institute id:** 78Q:278. **cultivar:** YILGARN. **pedigree:**
Unknown//(70Q03-32-3) Swan/Nora. **collector id:** AUS
701415. **other id:** 78Q103-2-13. **other id:** NSGC 498.
Cultivar. Seed.

PI 573727 to 573731. *Hordeum vulgare* L. subsp. *vulgare* POACEAE

Donated by: Mackay, M.C., Australian Winter Cereals Collection, RMB 944, Calala Lane, Tamworth, New South Wales 2340, Australia. Received October 14, 1993.

PI 573727 **origin:** Australia. **developed:** D.H.B. Sparrow. **origin institute:** Waite Agric. Research Inst., Adelaide, South Australia Australia. **origin institute id:** WI-2584. **cultivar:** SKIFF. **pedigree:** Abed Deba/3/Proctor/CI 3576//CPI 18197/Beka/4/Clipper/ Diamant//Proctor/CI 3576. **collector:** Australian Winter Cereals Collection, Tamworth. **collector id:** AUS 403001. **other id:** NSGC 484. Cultivar. Seed.

PI 573728 **origin:** Australia. **developed:** P.A. Portmann. **origin institute:** Western Australia Dept. of Agriculture, Western Australia Australia. **origin institute id:** 77S:399. **cultivar:** ONSLOW. **pedigree:** Forrest/Aapo. **collector:** Australian Winter Cereals Collection, Tamworth. **collector id:** AUS 406008. **other id:** 77S167-7-26. **other id:** NSGC 485. Cultivar. Seed.

PI 573729 **origin:** Australia. **developed:** W. Vertigan. **origin institute:** Tasmanian Dept. of Agriculture, Tasmania Australia. **origin institute id:** 85-83. **cultivar:** FRANKLIN. **pedigree:** Shannon/Triumph. **collector:** Australian Winter Cereals Collection, Tamworth. **collector id:** AUS 405994. **other id:** NSGC 486. Cultivar. Seed.

PI 573730 **origin:** Australia. **developed:** A.F. Macdonald. **origin institute:** NSW Dept. of Agriculture & Fisheries, New South Wales Australia. **origin institute id:** WB135. **cultivar:** YERONG. **pedigree:** M22/Malebo. **collector:** Australian Winter Cereals Collection, Tamworth. **collector id:** AUS 406299. **other id:** GR84%4293. **other id:** NSGC 491. Cultivar. Seed.

PI 573731 **origin:** Australia. **developed:** R.P. Johnston. **origin institute:** Queensland Dept. of Primary Industries, Queensland Australia. **origin institute id:** TMP*GMT 306/13. **cultivar:** TALLON. **pedigree:** Triumph/Grimmett. **collector:** Australian Winter Cereals Collection, Tamworth. **collector id:** AUS 406324. **other id:** NSGC 494. Cultivar. Seed.

PI 573732 to 573753. *Triticum aestivum* L., nom. cons. POACEAE

Donated by: Koenig, J., INRA Wheat Genetic Resources, Station d'Amelioration des Plantes, Domaine de Crouelle - 63039, Clermont Ferrand, France. Received October 14, 1993.

PI 573732 to 573753-continued

- PI 573732 **origin:** France. **cultivar:** FESTIVAL. **collector:** INRA, GNIS, Ministere de l'Agriculture. **other id:** NSGC 503. Cultivar. Seed.
- PI 573733 **origin:** France. **cultivar:** RECITAL. **collector:** INRA, GNIS, Ministere de l'Agriculture. **other id:** NSGC 504. Cultivar. Seed.
- PI 573734 **origin:** France. **cultivar:** SCIPION. **collector:** INRA, GNIS, Ministere de l'Agriculture. **other id:** NSGC 505. Cultivar. Seed.
- PI 573735 **origin:** France. **cultivar:** CAPET. **collector:** INRA, GNIS, Ministere de l'Agriculture. **other id:** NSGC 506. Cultivar. Seed.
- PI 573736 **origin:** France. **cultivar:** CHAMPTAL. **collector:** INRA, GNIS, Ministere de l'Agriculture. **other id:** NSGC 507. Cultivar. Seed.
- PI 573737 **origin:** France. **cultivar:** CRENEAU. **collector:** INRA, GNIS, Ministere de l'Agriculture. **other id:** NSGC 509. Cultivar. Seed.
- PI 573738 **origin:** France. **cultivar:** TENOR. **collector:** INRA, GNIS, Ministere de l'Agriculture. **other id:** NSGC 510. Cultivar. Seed.
- PI 573739 **origin:** France. **cultivar:** THESEE. **collector:** INRA, GNIS, Ministere de l'Agriculture. **other id:** NSGC 511. Cultivar. Seed.
- PI 573740 **origin:** France. **cultivar:** GALA. **collector:** INRA, GNIS, Ministere de l'Agriculture. **other id:** NSGC 512. Cultivar. Seed.
- PI 573741 **origin:** France. **cultivar:** CHOPIN. **collector:** INRA, GNIS, Ministere de l'Agriculture. **other id:** NSGC 513. Cultivar. Seed.
- PI 573742 **origin:** France. **cultivar:** AUBAINE. **collector:** INRA, GNIS, Ministere de l'Agriculture. **other id:** NSGC 514. Cultivar. Seed.
- PI 573743 **origin:** France. **cultivar:** BEAUCHAMP. **collector:** INRA, GNIS, Ministere de l'Agriculture. **other id:** NSGC 515. Cultivar. Seed.
- PI 573744 **origin:** France. **cultivar:** SOISSONS. **collector:** INRA, GNIS, Ministere de l'Agriculture. **other id:** NSGC 516. Cultivar. Seed.

PI 573732 to 573753-continued

- PI 573745 **origin:** France. **cultivar:** FORBY. **collector:** INRA, GNIS, Ministere de l'Agriculture. **other id:** NSGC 517.
Cultivar. Seed.
- PI 573746 **origin:** France. **cultivar:** ARTABAN. **collector:** INRA, GNIS, Ministere de l'Agriculture. **other id:** NSGC 518.
Cultivar. Seed.
- PI 573747 **origin:** France. **cultivar:** NECTAR. **collector:** INRA, GNIS, Ministere de l'Agriculture. **other id:** NSGC 519.
Cultivar. Seed.
- PI 573748 **origin:** France. **cultivar:** MARATHON. **collector:** INRA, GNIS, Ministere de l'Agriculture. **other id:** NSGC 522.
Cultivar. Seed.
- PI 573749 **origin:** France. **cultivar:** MILPAIN. **collector:** INRA, GNIS, Ministere de l'Agriculture. **other id:** NSGC 523.
Cultivar. Seed.
- PI 573750 **origin:** France. **cultivar:** AUSTERLITZ. **collector:** INRA, GNIS, Ministere de l'Agriculture. **other id:** NSGC 524.
Cultivar. Seed.
- PI 573751 **origin:** France. **cultivar:** GENIAL. **collector:** INRA, GNIS, Ministere de l'Agriculture. **other id:** NSGC 526.
Cultivar. Seed.
- PI 573752 **origin:** France. **cultivar:** CHALOU. **collector:** INRA, GNIS, Ministere de l'Agriculture. **other id:** NSGC 529.
Cultivar. Seed.
- PI 573753 **origin:** France. **cultivar:** FANDANGO. **collector:** INRA, GNIS, Ministere de l'Agriculture. **other id:** NSGC 530.
Cultivar. Seed.

PI 573754. *Triticum aestivum* L., nom. cons. POACEAE

Donated by: Hendricksen, Kevin, Peace Corps, San Manuel, Lempira, Honduras. Received October 14, 1993.

origin: Honduras. **collected:** March 1992. **collector:** K. Hendricksen, Peace Corps. **other id:** NSGC 531. **locality:** Agua Fria, San Manuel. **elevation:** 2000m. **remarks:** Planted May and September. Cultivated for many years. Landrace. Seed.

PI 573755. *Avena nuda* L. POACEAE

Donated by: Mowrey, D.P., USDA-ARS, Forage and Livestock Research Lab, P.O. Box 1199, El Reno, Oklahoma 73036-1199, United States. Received October 14, 1993.

origin: China. **collected:** September 12, 1991. **collector id:** 96. **other id:** NSGC 572. **locality:** Toliget, 68 km north of Hohhot; sparse vegetation, grazed farmland; assoc. with *Artemisia* sp. *Leymus chinensis*, *Ambrosia* sp. *Triticum aestivum*, *Medicago ruthenica*. **latitude:** 41 deg. 50 min. N. **longitude:** 111 deg. 25 min. E. **elevation:** 1500m. Landrace. Seed.

PI 573756. *Avena sativa* L. POACEAE

Donated by: Whittemore, A.T., Kazakh Academy of Sciences, Alma Ata, Kazakhstan. Received October 14, 1993.

origin: Kazakhstan. **other id:** NSGC 578. Cultivated. Seed.

PI 573757. *Hordeum vulgare* L. subsp. *vulgare* POACEAE

Donated by: Whittemore, A.T., Kazakh Academy of Sciences, Alma Ata, Kazakhstan. Received October 14, 1993.

origin: Kazakhstan. **collector:** A.T. Whittemore, Kazakh Academy of Sciences, Alma Ata. **other id:** NSGC 577. Cultivated. Seed.

PI 573758 to 574135. *Hordeum vulgare* L. subsp. *vulgare* POACEAE

Donated by: Sharma, K.P., Tribhuvan University, I.A.A.S., Rampur Chitwan, Nepal. Received October 14, 1993.

PI 573758 **origin:** Nepal. **collected:** 1991. **collector:** G. Lama, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-1. **other id:** NSGC 582. **locality:** Charghare, Solokhumbu. **elevation:** 3490m. Landrace. Seed.

PI 573759 **origin:** Nepal. **collected:** 1991. **collector:** G. Lama, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-2. **other id:** NSGC 583. **locality:** Jaebuk, Solokhumbu. **elevation:** 2430m. Landrace. Seed.

PI 573760 **origin:** Nepal. **collected:** 1991. **collector:** G. Lama, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-3. **other id:** NSGC 584. **locality:** Junbesi, Solokhumbu. **elevation:** 3550m. Landrace. Seed.

PI 573758 to 574135-continued

- PI 573761 **origin:** Nepal. **collected:** 1991. **collector:** G. Lama, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-4. **other id:** NSGC 585. **locality:** Luding, Solokhumbu. **elevation:** 2460m. Landrace. Seed.
- PI 573762 **origin:** Nepal. **collected:** 1991. **collector:** G. Lama, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-5. **other id:** NSGC 586. **locality:** Bhattakhark, Solokhumbu. **elevation:** 3170m. Landrace. Seed.
- PI 573763 **origin:** Nepal. **collected:** 1991. **collector:** G. Lama, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-6. **other id:** NSGC 587. **locality:** Juabuk, Solokhumbu. **elevation:** 2430m. Landrace. Seed.
- PI 573764 **origin:** Nepal. **collected:** 1991. **collector:** G. Lama, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-7. **other id:** NSGC 588. **locality:** Junbesi, Solokhumbu. **elevation:** 3550m. Landrace. Seed.
- PI 573765 **origin:** Nepal. **collected:** 1991. **collector:** G. Lama, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-8. **other id:** NSGC 589. **locality:** Jambuk, Solokhumbu. **elevation:** 2430m. Landrace. Seed.
- PI 573766 **origin:** Nepal. **collected:** 1991. **collector:** G. Lama, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-9. **other id:** NSGC 590. **locality:** Mera, Solokhumbu. **elevation:** 2445m. Landrace. Seed.
- PI 573767 **origin:** Nepal. **collected:** 1991. **collector:** G. Lama, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-10. **other id:** NSGC 591. **locality:** Ghumte, Solokhumbu. **elevation:** 2445m. Landrace. Seed.
- PI 573768 **origin:** Nepal. **collected:** 1991. **collector:** G. Lama, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-11. **other id:** NSGC 592. **locality:** Sallery, Solokhumbu. **elevation:** 2408m. Landrace. Seed.
- PI 573769 **origin:** Nepal. **collected:** 1991. **collector:** G. Lama, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-12. **other id:** NSGC 593. **locality:** Sallery, Solokhumbu. **elevation:** 2438m. Landrace. Seed.
- PI 573770 **origin:** Nepal. **collected:** 1991. **collector:** G. Lama, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-13. **other id:** NSGC 594. **locality:** Ringau, Solokhumbu. **elevation:** 2400m. Landrace. Seed.

PI 573758 to 574135-continued

- PI 573771 **origin:** Nepal. **collected:** 1991. **collector:** G. Lama, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-14. **other id:** NSGC 595. **locality:** Yakisandu, Solokhumbu. **elevation:** 2490m. Landrace. Seed.
- PI 573772 **origin:** Nepal. **collected:** 1991. **collector:** G. Lama, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-15. **other id:** NSGC 596. **locality:** Nunthala, Solokhumbu. **elevation:** 2440m. Landrace. Seed.
- PI 573773 **origin:** Nepal. **collected:** 1991. **collector:** G. Lama, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-16. **other id:** NSGC 597. **locality:** Kharikhula, Solokhumbu. **elevation:** 3365m. Landrace. Seed.
- PI 573774 **origin:** Nepal. **collected:** 1991. **collector:** G. Lama, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-17. **other id:** NSGC 598. **locality:** Chaurikharka, Solokhumbu. **elevation:** 2743m. Landrace. Seed.
- PI 573775 **origin:** Nepal. **collected:** 1991. **collector:** G. Lama, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-18. **other id:** NSGC 599. **locality:** Mapung, Solokhumbu. **elevation:** 3560m. Landrace. Seed.
- PI 573776 **origin:** Nepal. **collected:** 1991. **collector:** G. Lama, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-19. **other id:** NSGC 600. **locality:** Jambuk, Solokhumbu. **elevation:** 2430m. Landrace. Seed.
- PI 573777 **origin:** Nepal. **collected:** 1991. **collector:** G. Lama, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-20. **other id:** NSGC 601. **locality:** Fera, Solokhumbu. **elevation:** 2435m. Landrace. Seed.
- PI 573778 **origin:** Nepal. **collected:** 1991. **collector:** R. Sapkota, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-21. **other id:** NSGC 602. **locality:** Banti Phalaicha, Ramechhap. **elevation:** 2200m. Landrace. Seed.
- PI 573779 **origin:** Nepal. **collected:** 1991. **collector:** R. Sapkota, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-22. **other id:** NSGC 603. **locality:** Tallo Phalaicha, Ramechhap. **elevation:** 2100m. Landrace. Seed.

PI 573758 to 574135-continued

- PI 573780 **origin:** Nepal. **collected:** 1991. **collector:** R. Sapkota, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-23. **other id:** NSGC 604. **locality:** Tallo Phalaicha, Ramechhap. **elevation:** 2100m. Landrace. Seed.
- PI 573781 **origin:** Nepal. **collected:** 1991. **collector:** R. Sapkota, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-24. **other id:** NSGC 605. **locality:** Sano Walding, Ramechhap. **elevation:** 2550m. Landrace. Seed.
- PI 573782 **origin:** Nepal. **collected:** 1991. **collector:** R. Sapkota, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-25. **other id:** NSGC 606. **locality:** Walding, Ramechhap. **elevation:** 2500m. Landrace. Seed.
- PI 573783 **origin:** Nepal. **collected:** 1991. **collector:** R. Sapkota, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-26. **other id:** NSGC 607. **locality:** Chamaru, Ramechhap. **elevation:** 2400m. Landrace. Seed.
- PI 573784 **origin:** Nepal. **collected:** 1991. **collector:** R. Sapkota, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-27. **other id:** NSGC 608. **locality:** Chamaru, Ramechhap. **elevation:** 2420m. Landrace. Seed.
- PI 573785 **origin:** Nepal. **collected:** 1991. **collector:** R. Sapkota, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-28. **other id:** NSGC 609. **locality:** Bhandar, Ramechhap. **elevation:** 2100m. Landrace. Seed.
- PI 573786 **origin:** Nepal. **collected:** 1991. **collector:** R. Sapkota, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-29. **other id:** NSGC 610. **locality:** Baktel Bhandar, Ramechhap. **elevation:** 2150m. Landrace. Seed.
- PI 573787 **origin:** Nepal. **collected:** 1991. **collector:** R. Sapkota, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-30. **other id:** NSGC 611. **locality:** Sim, Bamti, Ramechhap. **elevation:** 2200m. Landrace. Seed.
- PI 573788 **origin:** Nepal. **collected:** 1991. **collector:** R. Sapkota, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-31. **other id:** NSGC 612. **locality:** Sim, Bamti, Ramechhap. **elevation:** 2140m. Landrace. Seed.

PI 573758 to 574135-continued

- PI 573789 **origin:** Nepal. **collected:** 1991. **collector:** R. Sapkota, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-32. **other id:** NSGC 613. **locality:** Sim, Bhandar, Ramechhap. **elevation:** 2250m. Landrace. Seed.
- PI 573790 **origin:** Nepal. **collected:** 1991. **collector:** R. Sapkota, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-33. **other id:** NSGC 614. **locality:** Sim, Bhandar, Ramechhap. **elevation:** 2275m. Landrace. Seed.
- PI 573791 **origin:** Nepal. **collected:** 1991. **collector:** R. Sapkota, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-34. **other id:** NSGC 615. **locality:** Jhareni, Ramechhap. **elevation:** 2300m. Landrace. Seed.
- PI 573792 **origin:** Nepal. **collected:** 1991. **collector:** R. Sapkota, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-35. **other id:** NSGC 616. **locality:** Jhareni, Ramechhap. **elevation:** 2320m. Landrace. Seed.
- PI 573793 **origin:** Nepal. **collected:** 1991. **collector:** R. Sapkota, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-36. **other id:** NSGC 617. **locality:** Okhaldhunga, Ramechhap. **elevation:** 3110m. Landrace. Seed.
- PI 573794 **origin:** Nepal. **collected:** 1991. **collector:** R. Sapkota, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-37. **other id:** NSGC 618. **locality:** Buludanda, Ramechhap. **elevation:** 2500m. Landrace. Seed.
- PI 573795 **origin:** Nepal. **collected:** 1991. **collector:** R. Sapkota, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-38. **other id:** NSGC 619. **locality:** Buludanda, Ramechhap. **elevation:** 2500m. Landrace. Seed.
- PI 573796 **origin:** Nepal. **collected:** 1991. **collector:** R. Sapkota, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-39. **other id:** NSGC 620. **locality:** Sanbadanda, Ramechhap. **elevation:** 2000m. Landrace. Seed.
- PI 573797 **origin:** Nepal. **collected:** 1991. **collector:** R. Sapkota, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-40. **other id:** NSGC 621. **locality:** Dharmashala, Ramechhap. **elevation:** 2100m. Landrace. Seed.

PI 573758 to 574135-continued

- PI 573798 **origin:** Nepal. **collected:** 1991. **collector:** R. Sapkota, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-41. **other id:** NSGC 622. **locality:** Those, Ramechhap. **elevation:** 2350m. Landrace. Seed.
- PI 573799 **origin:** Nepal. **collected:** 1991. **collector:** R. Sapkota, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-42. **other id:** NSGC 623. **locality:** Those Mekchan, Ramechhap. **elevation:** 2300m. Landrace. Seed.
- PI 573800 **origin:** Nepal. **collected:** 1991. **collector:** R. Sapkota, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-43. **other id:** NSGC 624. **locality:** Dorje, Ramechhap. **elevation:** 2250m. Landrace. Seed.
- PI 573801 **origin:** Nepal. **collected:** 1991. **collector:** S. Budha, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-44. **other id:** NSGC 625. **locality:** Katike, Dolakha. **elevation:** 2000m. Landrace. Seed.
- PI 573802 **origin:** Nepal. **collected:** 1991. **collector:** S. Budha, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-45. **other id:** NSGC 626. **locality:** Jiri Dhunge, Dolakha. **elevation:** 2050m. Landrace. Seed.
- PI 573803 **origin:** Nepal. **collected:** 1991. **collector:** S. Budha, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-46. **other id:** NSGC 627. **locality:** Jiri Naretol, Dolakha. **elevation:** 2150m. Landrace. Seed.
- PI 573804 **origin:** Nepal. **collected:** 1991. **collector:** D. Bhandari, K.P. Sharma, IAAS, Tribhuvan Univ. Rampur, Chitwan. **collector id:** RNB-52a. **other id:** NSGC 628. **locality:** Kisongma, Taplejung. **elevation:** 2450m. Landrace. Seed.
- PI 573805 **origin:** Nepal. **collected:** 1991. **collector:** D. Bhandari, K.P. Sharma, IAAS, Tribhuvan Univ. Rampur, Chitwan. **collector id:** RNB-53. **other id:** NSGC 629. **locality:** Tapethok, Taplejung. **elevation:** 1500m. Landrace. Seed.
- PI 573806 **origin:** Nepal. **collected:** 1991. **collector:** D. Bhandari, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-55. **other id:** NSGC 630. **locality:** Fakchuwa, Tehrathum. **elevation:** 1500m. Landrace. Seed.

PI 573758 to 574135-continued

- PI 573807 **origin:** Nepal. **collected:** 1991. **collector:** D. Bhandari, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-56. **other id:** NSGC 631. **locality:** Shwanitar, Tehrathum. **elevation:** 1800m. Landrace. Seed.
- PI 573808 **origin:** Nepal. **collected:** 1991. **collector:** D. Bhandari, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-57. **other id:** NSGC 632. **locality:** Lisibung, Tehrathum. **elevation:** 1600m. Landrace. Seed.
- PI 573809 **origin:** Nepal. **collected:** 1991. **collector:** D. Bhandari, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-58. **other id:** NSGC 633. **locality:** Samdu, Tehrathum. **elevation:** 2000m. Landrace. Seed.
- PI 573810 **origin:** Nepal. **collected:** 1991. **collector:** D. Bhandari, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-59. **other id:** NSGC 634. **locality:** Ddrap, Tehrathum. **elevation:** 1800m. Landrace. Seed.
- PI 573811 **origin:** Nepal. **collected:** 1991. **collector:** G. Bhatta, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-60. **other id:** NSGC 635. **locality:** Kalenealla, Doti. **elevation:** 1330m. Landrace. Seed.
- PI 573812 **origin:** Nepal. **collected:** 1991. **collector:** G. Bhatta, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-62. **other id:** NSGC 637. **locality:** Waglek, Doti. **elevation:** 1900m. Landrace. Seed.
- PI 573813 **origin:** Nepal. **collected:** 1991. **collector:** G. Bhatta, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-63. **other id:** NSGC 638. **locality:** Tak, Doti. **elevation:** 2042m. Landrace. Seed.
- PI 573814 **origin:** Nepal. **collected:** 1991. **collector:** G. Bhatta, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-64. **other id:** NSGC 639. **locality:** Fulaut, Doti. **elevation:** 2000m. Landrace. Seed.
- PI 573815 **origin:** Nepal. **collected:** 1991. **collector:** G. Bhatta, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-65. **other id:** NSGC 640. **locality:** Waglek, Doti. **elevation:** 2000m. Landrace. Seed.
- PI 573816 **origin:** Nepal. **collected:** 1991. **collector:** G. Bhatta, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-66. **other id:** NSGC 641. **locality:** Nagara, Doti. **elevation:** 1162m. Landrace. Seed.

- PI 573817 **origin:** Nepal. **collected:** 1991. **collector:** G. Bhatta, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-67. **other id:** NSGC 642. **locality:** Unipata, Doti. **elevation:** 1163m. Landrace. Seed.
- PI 573818 **origin:** Nepal. **collected:** 1991. **collector:** G. Bhatta, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-68. **other id:** NSGC 643. **locality:** Jhuna, Doti. **elevation:** 1200m. Landrace. Seed.
- PI 573819 **origin:** Nepal. **collected:** 1991. **collector:** G. Bhatta, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-69. **other id:** NSGC 644. **locality:** Belalgaon, Doti. **elevation:** 2189m. Landrace. Seed.
- PI 573820 **origin:** Nepal. **collected:** 1991. **collector:** G. Bhatta, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-70. **other id:** NSGC 645. **locality:** Belalgaon, Doti. **elevation:** 2189m. Landrace. Seed.
- PI 573821 **origin:** Nepal. **collected:** 1991. **collector:** G. Bhatta, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-71. **other id:** NSGC 646. **locality:** Amtola, Doti. **elevation:** 1000m. Landrace. Seed.
- PI 573822 **origin:** Nepal. **collected:** 1991. **collector:** G. Bhatta, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-72. **other id:** NSGC 647. **locality:** Gaira, Doti. **elevation:** 1951m. Landrace. Seed.
- PI 573823 **origin:** Nepal. **collected:** 1991. **collector:** G. Bhatta, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-73. **other id:** NSGC 648. **locality:** Gaira, Doti. **elevation:** 2000m. Landrace. Seed.
- PI 573824 **origin:** Nepal. **collected:** 1991. **collector:** G. Bhatta, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-75. **other id:** NSGC 650. **locality:** Gallairo, Doti. **elevation:** 1738m. Landrace. Seed.
- PI 573825 **origin:** Nepal. **collected:** 1991. **collector:** G. Bhatta, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-76. **other id:** NSGC 651. **locality:** Gadsera, Doti. **elevation:** 2210m. Landrace. Seed.
- PI 573826 **origin:** Nepal. **collected:** 1991. **collector:** R.K. Rai, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-77. **other id:** NSGC 652. **locality:** Tongechha, Bhojpur. **elevation:** 1518m. Landrace. Seed.

PI 573758 to 574135-continued

- PI 573827 **origin:** Nepal. **collected:** 1991. **collector:** R.K. Rai, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-78. **other id:** NSGC 653. **locality:** Kharbari, Bhojpur. **elevation:** 1927m. Landrace. Seed.
- PI 573828 **origin:** Nepal. **collected:** 1991. **collector:** R.K. Rai, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-79. **other id:** NSGC 654. **locality:** Diteni Banibas, Bhojpur. **elevation:** 1700m. Landrace. Seed.
- PI 573829 **origin:** Nepal. **collected:** 1991. **collector:** R.K. Rai, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-81. **other id:** NSGC 656. **locality:** Khumbukhu, Bhojpur. **elevation:** 2000m. Landrace. Seed.
- PI 573830 **origin:** Nepal. **collected:** 1991. **collector:** R.K. Rai, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-82. **other id:** NSGC 657. **locality:** Hunge, Bhojpur. **elevation:** 2000m. Landrace. Seed.
- PI 573831 **origin:** Nepal. **collected:** 1991. **collector:** R.K. Rai, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-83. **other id:** NSGC 658. **locality:** Fedi, Bhojpur. **elevation:** 2000m. Landrace. Seed.
- PI 573832 **origin:** Nepal. **collected:** 1991. **collector:** R.K. Rai, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-84. **other id:** NSGC 659. **locality:** Dhunge, Bhojpur. **elevation:** 2329m. Landrace. Seed.
- PI 573833 **origin:** Nepal. **collected:** 1991. **collector:** R.K. Rai, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-85. **other id:** NSGC 660. **locality:** Mathilo Katti, Bhojpur. **elevation:** 1750m. Landrace. Seed.
- PI 573834 **origin:** Nepal. **collected:** 1991. **collector:** R.K. Rai, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-86. **other id:** NSGC 661. **locality:** Korgaon, Bhojpur. **elevation:** 1286m. Landrace. Seed.
- PI 573835 **origin:** Nepal. **collected:** 1991. **collector:** R.K. Rai, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-87. **other id:** NSGC 662. **locality:** Okhare, Bhojpur. **elevation:** 1900m. Landrace. Seed.
- PI 573836 **origin:** Nepal. **collected:** 1991. **collector:** R.K. Rai, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-88. **other id:** NSGC 663. **locality:** Batase, Bhojpur. **elevation:** 1700m. Landrace. Seed.

PI 573758 to 574135-continued

- PI 573837 **origin:** Nepal. **collected:** 1991. **collector:** R.K. Rai, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-90. **other id:** NSGC 664. **locality:** Harka Vamla, Bhojpur. **elevation:** 2200m. Landrace. Seed.
- PI 573838 **origin:** Nepal. **collected:** 1991. **collector:** R.K. Rai, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-91. **other id:** NSGC 665. **locality:** Bachhila, Bhojpur. **elevation:** 1927m. Landrace. Seed.
- PI 573839 **origin:** Nepal. **collected:** 1991. **collector:** R.K. Rai, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-92. **other id:** NSGC 666. **locality:** Banang, Bhojpur. **elevation:** 1927m. Landrace. Seed.
- PI 573840 **origin:** Nepal. **collected:** 1991. **collector:** R.K. Rai, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-93. **other id:** NSGC 667. **locality:** Khangkhang, Bhojpur. **elevation:** 2000m. Landrace. Seed.
- PI 573841 **origin:** Nepal. **collected:** 1991. **collector:** R.K. Rai, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-94. **other id:** NSGC 668. **locality:** Jonage, Bhojpur. **elevation:** 2172m. Landrace. Seed.
- PI 573842 **origin:** Nepal. **collected:** 1991. **collector:** A.P. Neupane, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-115. **other id:** NSGC 689. **locality:** Maidane, Shankhuwasabha. **elevation:** 6100m. Landrace. Seed.
- PI 573843 **origin:** Nepal. **collected:** 1991. **collector:** R.K. Rai, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-96. **other id:** NSGC 670. **locality:** Marje Tung Siran, Bhojpur. **elevation:** 1413m. Landrace. Seed.
- PI 573844 **origin:** Nepal. **collected:** 1991. **collector:** A.P. Neupane, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-97. **other id:** NSGC 671. **locality:** Fabing, Shankhuwasabha. **elevation:** 1100m. Landrace. Seed.
- PI 573845 **origin:** Nepal. **collected:** 1991. **collector:** A.P. Neupane, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-98. **other id:** NSGC 672. **locality:** Yangsijung, Shankhuwasabha. **elevation:** 2100m. Landrace. Seed.

PI 573758 to 574135-continued

- PI 573846 **origin:** Nepal. **collected:** 1991. **collector:** A.P.
Neupane, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur,
Chitwan. **collector id:** RNB-99. **other id:** NSGC 673.
locality: Majuwa, Shankhuwasabha. **elevation:** 2300m.
Landrace. Seed.
- PI 573847 **origin:** Nepal. **collected:** 1991. **collector:** A.P.
Neupane, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur,
Chitwan. **collector id:** RNB-100. **other id:** NSGC 674.
locality: Pokolbang, Shankhuwasabha. **elevation:** 2100m.
Landrace. Seed.
- PI 573848 **origin:** Nepal. **collected:** 1991. **collector:** A.P.
Neupane, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur,
Chitwan. **collector id:** RNB-101. **other id:** NSGC 675.
locality: Pokolbang, Shankhuwasabha. **elevation:** 2000m.
Landrace. Seed.
- PI 573849 **origin:** Nepal. **collected:** 1991. **collector:** A.P.
Neupane, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur,
Chitwan. **collector id:** RNB-102. **other id:** NSGC 676.
locality: Pokolbang, Shankhuwasabha. **elevation:** 2000m.
Landrace. Seed.
- PI 573850 **origin:** Nepal. **collected:** 1991. **collector:** A.P.
Neupane, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur,
Chitwan. **collector id:** RNB-104. **other id:** NSGC 678.
locality: Kholme, Shankhuwasabha. **elevation:** 6000m.
Landrace. Seed.
- PI 573851 **origin:** Nepal. **collected:** 1991. **collector:** A.P.
Neupane, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur,
Chitwan. **collector id:** RNB-105. **other id:** NSGC 679.
locality: Tupuwa, Shankhuwasabha. **elevation:** 5100m.
Landrace. Seed.
- PI 573852 **origin:** Nepal. **collected:** 1991. **collector:** A.P.
Neupane, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur,
Chitwan. **collector id:** RNB-106. **other id:** NSGC 680.
locality: Mayam, Shankhuwasabha. **elevation:** 3500m.
Landrace. Seed.
- PI 573853 **origin:** Nepal. **collected:** 1991. **collector:** A.P.
Neupane, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur,
Chitwan. **collector id:** RNB-107. **other id:** NSGC 681.
locality: Singring, Shankhuwasabha. **elevation:** 2000m.
Landrace. Seed.

PI 573758 to 574135-continued

- PI 573854 **origin:** Nepal. **collected:** 1991. **collector:** A.P. Neupane, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-108. **other id:** NSGC 682. **locality:** Tanglewa, Shankhuwasabha. **elevation:** 3300m. Landrace. Seed.
- PI 573855 **origin:** Nepal. **collected:** 1991. **collector:** A.P. Neupane, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-109. **other id:** NSGC 683. **locality:** Bagha, Shankhuwasabha. Landrace. Seed.
- PI 573856 **origin:** Nepal. **collected:** 1991. **collector:** A.P. Neupane, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-110. **other id:** NSGC 684. **locality:** Shyalchhoti, Shankhuwasabha. **elevation:** 2400m. Landrace. Seed.
- PI 573857 **origin:** Nepal. **collected:** 1991. **collector:** A.P. Neupane, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-111. **other id:** NSGC 685. **locality:** Rambeni, Shankhuwasabha. **elevation:** 5000m. Landrace. Seed.
- PI 573858 **origin:** Nepal. **collected:** 1991. **collector:** A.P. Neupane, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-112. **other id:** NSGC 686. **locality:** Mawadin, Shankhuwasabha. **elevation:** 2000m. Landrace. Seed.
- PI 573859 **origin:** Nepal. **collected:** 1991. **collector:** A.P. Neupane, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-113. **other id:** NSGC 687. **locality:** Mawadin, Shankhuwasabha. **elevation:** 2100m. Landrace. Seed.
- PI 573860 **origin:** Nepal. **collected:** 1991. **collector:** A.P. Neupane, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-114. **other id:** NSGC 688. **locality:** Siddapokhari, Shankhuwasabha. **elevation:** 2300m. Landrace. Seed.
- PI 573861 **origin:** Nepal. **collected:** 1991. **collector:** R.K. Rai, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-95. **other id:** NSGC 669. **locality:** Fali Sang Pang, Bhojpur. **elevation:** 1518m. Landrace. Seed.
- PI 573862 **origin:** Nepal. **collected:** 1991. **collector:** A.P. Neupane, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-116. **other id:** NSGC 690. **locality:** Maidane, Shankhuwasabha. **elevation:** 5800m. Landrace. Seed.

PI 573758 to 574135-continued

- PI 573863 **origin:** Nepal. **collected:** 1991. **collector:** C.
Budhathoki, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur,
Chitwan. **collector id:** RNB-117. **other id:** NSGC 691.
locality: Kunhu, Myagdi. **elevation:** 1800m. Landrace.
Seed.
- PI 573864 **origin:** Nepal. **collected:** 1991. **collector:** C.
Budhathoki, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur,
Chitwan. **collector id:** RNB-118. **other id:** NSGC 692.
locality: Thaibang, Myagdi. **elevation:** 1850m. Landrace.
Seed.
- PI 573865 **origin:** Nepal. **collected:** 1991. **collector:** C.
Budhathoki, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur,
Chitwan. **collector id:** RNB-119. **other id:** NSGC 693.
locality: Hidi, Myagdi. **elevation:** 1950m. Landrace.
Seed.
- PI 573866 **origin:** Nepal. **collected:** 1991. **collector:** C.
Budhathoki, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur,
Chitwan. **collector id:** RNB-120. **other id:** NSGC 694.
locality: Dukhu, Myagdi. **elevation:** 2000m. Landrace.
Seed.
- PI 573867 **origin:** Nepal. **collected:** 1991. **collector:** C.
Budhathoki, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur,
Chitwan. **collector id:** RNB-121. **other id:** NSGC 695.
locality: Dukhu, Myagdi. **elevation:** 2000m. Landrace.
Seed.
- PI 573868 **origin:** Nepal. **collected:** 1991. **collector:** C.
Budhathoki, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur,
Chitwan. **collector id:** RNB-122. **other id:** NSGC 696.
locality: Dichyam, Myagdi. **elevation:** 1900m. Landrace.
Seed.
- PI 573869 **origin:** Nepal. **collected:** 1991. **collector:** C.
Budhathoki, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur,
Chitwan. **collector id:** RNB-123. **other id:** NSGC 697.
locality: Bim, Myagdi. **elevation:** 1750m. Landrace.
Seed.
- PI 573870 **origin:** Nepal. **collected:** 1991. **collector:** C.
Budhathoki, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur,
Chitwan. **collector id:** RNB-124. **other id:** NSGC 698.
locality: Bim, Myagdi. **elevation:** 1750m. Landrace.
Seed.

PI 573758 to 574135-continued

- PI 573871 **origin:** Nepal. **collected:** 1991. **collector:** C. Budhathoki, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-125. **other id:** NSGC 699. **locality:** Marang, Myagdi. **elevation:** 1900m. Landrace. Seed.
- PI 573872 **origin:** Nepal. **collected:** 1991. **collector:** C. Budhathoki, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-126. **other id:** NSGC 700. **locality:** Takam, Myagdi. **elevation:** 1850m. Landrace. Seed.
- PI 573873 **origin:** Nepal. **collected:** 1991. **collector:** C. Budhathoki, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-127. **other id:** NSGC 701. **locality:** Dharapani, Myagdi. **elevation:** 1800m. Landrace. Seed.
- PI 573874 **origin:** Nepal. **collected:** 1991. **collector:** C. Budhathoki, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-128. **other id:** NSGC 702. **locality:** Dharapani, Myagdi. **elevation:** 1800m. Landrace. Seed.
- PI 573875 **origin:** Nepal. **collected:** 1991. **collector:** C. Budhathoki, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-129. **other id:** NSGC 703. **locality:** Niskot, Myagdi. **elevation:** 1900m. Landrace. Seed.
- PI 573876 **origin:** Nepal. **collected:** 1991. **collector:** C. Budhathoki, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-130. **other id:** NSGC 704. **locality:** Sirkum, Myagdi. **elevation:** 1750m. Landrace. Seed.
- PI 573877 **origin:** Nepal. **collected:** 1991. **collector:** C. Budhathoki, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-131. **other id:** NSGC 705. **locality:** Barangja, Myagdi. **elevation:** 1800m. Landrace. Seed.
- PI 573878 **origin:** Nepal. **collected:** 1991. **collector:** C. Budhathoki, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-132. **other id:** NSGC 706. **locality:** Bhakivli, Myagdi. **elevation:** 1800m. Landrace. Seed.

PI 573758 to 574135-continued

- PI 573879 **origin:** Nepal. **collected:** 1991. **collector:** C. Budhathoki, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-133. **other id:** NSGC 707. **locality:** Patlekhet, Myagdi. **elevation:** 1600m. Landrace. Seed.
- PI 573880 **origin:** Nepal. **collected:** 1991. **collector:** C. Budhathoki, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-134. **other id:** NSGC 708. **locality:** Pakhapani, Myagdi. **elevation:** 2100m. Landrace. Seed.
- PI 573881 **origin:** Nepal. **collected:** 1991. **collector:** N.P. Sharma, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-135. **other id:** NSGC 709. **locality:** Bhimpokhara, Baglung. **elevation:** 2200m. Landrace. Seed.
- PI 573882 **origin:** Nepal. **collected:** 1991. **collector:** N.P. Sharma, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-136. **other id:** NSGC 710. **locality:** Dahapani, Baglung. **elevation:** 1750m. Landrace. Seed.
- PI 573883 **origin:** Nepal. **collected:** 1991. **collector:** N.P. Sharma, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-137. **other id:** NSGC 711. **locality:** Harichaur, Baglung. **elevation:** 1900m. Landrace. Seed.
- PI 573884 **origin:** Nepal. **collected:** 1991. **collector:** N.P. Sharma, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-138. **other id:** NSGC 712. **locality:** Tara, Baglung. **elevation:** 1950m. Landrace. Seed.
- PI 573885 **origin:** Nepal. **collected:** 1991. **collector:** N.P. Sharma, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-139. **other id:** NSGC 713. **locality:** Pandavkhani, Baglung. **elevation:** 1850m. Landrace. Seed.
- PI 573886 **origin:** Nepal. **collected:** 1991. **collector:** N.P. Sharma, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-140. **other id:** NSGC 714. **locality:** Kholakhark, Baglung. **elevation:** 2800m. Landrace. Seed.
- PI 573887 **origin:** Nepal. **collected:** 1991. **collector:** N.P. Sharma, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-141. **other id:** NSGC 715. **locality:** Ransikiteni, Baglung. **elevation:** 2100m. Landrace. Seed.

PI 573758 to 574135-continued

- PI 573888 **origin:** Nepal. **collected:** 1991. **collector:** N.P. Sharma, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-142. **other id:** NSGC 716. **locality:** Burtiwang, Baglung. **elevation:** 1500m. Landrace. Seed.
- PI 573889 **origin:** Nepal. **collected:** 1991. **collector:** N.P. Sharma, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-143. **other id:** NSGC 717. **locality:** Taman, Baglung. **elevation:** 3000m. Landrace. Seed.
- PI 573890 **origin:** Nepal. **collected:** 1991. **collector:** N.P. Sharma, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-144. **other id:** NSGC 718. **locality:** Bunga Dovan, Baglung. **elevation:** 2100m. Landrace. Seed.
- PI 573891 **origin:** Nepal. **collected:** 1991. **collector:** N.P. Sharma, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-145. **other id:** NSGC 719. **locality:** Khungakhani, Baglung. **elevation:** 2050m. Landrace. Seed.
- PI 573892 **origin:** Nepal. **collected:** 1991. **collector:** N.P. Sharma, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-146. **other id:** NSGC 720. **locality:** Bowang, Baglung. **elevation:** 2000m. Landrace. Seed.
- PI 573893 **origin:** Nepal. **collected:** 1991. **collector:** N.P. Sharma, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-147. **other id:** NSGC 721. **locality:** Boharagaon, Baglung. **elevation:** 2100m. Landrace. Seed.
- PI 573894 **origin:** Nepal. **collected:** 1991. **collector:** N.P. Sharma, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-148. **other id:** NSGC 722. **locality:** Walakot, Baglung. **elevation:** 2800m. Landrace. Seed.
- PI 573895 **origin:** Nepal. **collected:** 1991. **collector:** N.P. Sharma, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-149. **other id:** NSGC 723. **locality:** Devisthan, Baglung. **elevation:** 1800m. Landrace. Seed.
- PI 573896 **origin:** Nepal. **collected:** 1991. **collector:** N.P. Sharma, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-150. **other id:** NSGC 724. **locality:** Gwalichaur, Baglung. **elevation:** 1900m. Landrace. Seed.
- PI 573897 **origin:** Nepal. **collected:** 1991. **collector:** N.P. Sharma, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-151. **other id:** NSGC 725. **locality:** Sisakhani, Baglung. **elevation:** 2400m. Landrace. Seed.

PI 573758 to 574135-continued

- PI 573898 **origin:** Nepal. **collected:** 1991. **collector:** N.P. Sharma, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-152. **other id:** NSGC 726. **locality:** Sano Rikha, Baglung. **elevation:** 2100m. Landrace. Seed.
- PI 573899 **origin:** Nepal. **collected:** 1991. **collector:** N.P. Sharma, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-153. **other id:** NSGC 727. **locality:** Dadhiamati, Baglung. **elevation:** 2450m. Landrace. Seed.
- PI 573900 **origin:** Nepal. **collected:** 1991. **collector:** N.P. Sharma, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-154. **other id:** NSGC 728. **locality:** Batakachaur, Baglung. **elevation:** 1950m. Landrace. Seed.
- PI 573901 **origin:** Nepal. **collected:** 1991. **collector:** N.P. Sharma, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-155. **other id:** NSGC 729. **locality:** Deuralikhani, Baglung. **elevation:** 2500m. Landrace. Seed.
- PI 573902 **origin:** Nepal. **collected:** 1991. **collector:** N.P. Sharma, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-156. **other id:** NSGC 730. **locality:** Chhisti, Baglung. **elevation:** 1500m. Landrace. Seed.
- PI 573903 **origin:** Nepal. **collected:** 1991. **collector:** N.P. Sharma, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-157. **other id:** NSGC 731. **locality:** Sigana, Baglung. **elevation:** 2450m. Landrace. Seed.
- PI 573904 **origin:** Nepal. **collected:** 1991. **collector:** D.B. Air, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-158. **other id:** NSGC 732. **locality:** Dulaina, Dadeldhura. **elevation:** 2240m. Landrace. Seed.
- PI 573905 **origin:** Nepal. **collected:** 1991. **collector:** D.B. Air, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-159. **other id:** NSGC 733. **locality:** Sunk Belapur, Dadeldhura. **elevation:** 1166m. Landrace. Seed.
- PI 573906 **origin:** Nepal. **collected:** 1991. **collector:** D.B. Air, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-160. **other id:** NSGC 734. **locality:** Belapur, Dadeldhura. **elevation:** 1966m. Landrace. Seed.

PI 573758 to 574135-continued

- PI 573907 **origin:** Nepal. **collected:** 1991. **collector:** D.B. Air, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-161. **other id:** NSGC 735. **locality:** Navadurga, Dadeldhura. **elevation:** 1568m. Landrace. Seed.
- PI 573908 **origin:** Nepal. **collected:** 1991. **collector:** D.B. Air, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-162. **other id:** NSGC 736. **locality:** Bakalsain, Dadeldhura. **elevation:** 1568m. Landrace. Seed.
- PI 573909 **origin:** Nepal. **collected:** 1991. **collector:** D.B. Air, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-163. **other id:** NSGC 737. **locality:** Gileli, Dadeldhura. **elevation:** 1997m. Landrace. Seed.
- PI 573910 **origin:** Nepal. **collected:** 1991. **collector:** D.B. Air, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-164. **other id:** NSGC 738. **locality:** Tiladi, Dadeldhura. **elevation:** 1997m. Landrace. Seed.
- PI 573911 **origin:** Nepal. **collected:** 1991. **collector:** D.B. Air, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-165. **other id:** NSGC 739. **locality:** Karigaon, Dadeldhura. **elevation:** 1891m. Landrace. Seed.
- PI 573912 **origin:** Nepal. **collected:** 1991. **collector:** D.B. Air, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-166. **other id:** NSGC 740. **locality:** Patal, Dadeldhura. **elevation:** 1859m. Landrace. Seed.
- PI 573913 **origin:** Nepal. **collected:** 1991. **collector:** D.B. Air, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-167. **other id:** NSGC 741. **locality:** Gankhet, Dadeldhura. **elevation:** 1963m. Landrace. Seed.
- PI 573914 **origin:** Nepal. **collected:** 1991. **collector:** D.B. Air, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-168. **other id:** NSGC 742. **locality:** Katauje, Dadeldhura. **elevation:** 1055m. Landrace. Seed.
- PI 573915 **origin:** Nepal. **collected:** 1991. **collector:** D.B. Air, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-169. **other id:** NSGC 743. **locality:** Mamur, Dadeldhura. **elevation:** 976m. Landrace. Seed.
- PI 573916 **origin:** Nepal. **collected:** 1991. **collector:** D.B. Air, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-170. **other id:** NSGC 744. **locality:** Pokhara, Dadeldhura. **elevation:** 1679m. Landrace. Seed.

PI 573758 to 574135-continued

- PI 573917 **origin:** Nepal. **collected:** 1991. **collector:** D.B. Air, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-171. **other id:** NSGC 745. **locality:** Pokhara, Dadeldhura. **elevation:** 1679m. Landrace. Seed.
- PI 573918 **origin:** Nepal. **collected:** 1991. **collector:** D.B. Air, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-172. **other id:** NSGC 746. **locality:** Juntad, Dadeldhura. **elevation:** 914m. Landrace. Seed.
- PI 573919 **origin:** Nepal. **collected:** 1991. **collector:** D.B. Air, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-173. **other id:** NSGC 747. **locality:** Humtad, Dadeldhura. **elevation:** 914m. Landrace. Seed.
- PI 573920 **origin:** Nepal. **collected:** 1991. **collector:** D.B. Air, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-174. **other id:** NSGC 748. **locality:** Shain, Dadeldhura. **elevation:** 876m. Landrace. Seed.
- PI 573921 **origin:** Nepal. **collected:** 1991. **collector:** D.B. Air, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-175. **other id:** NSGC 749. **locality:** Kauchhadi, Dadeldhura. **elevation:** 821m. Landrace. Seed.
- PI 573922 **origin:** Nepal. **collected:** 1991. **collector:** D.B. Air, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-176. **other id:** NSGC 750. **locality:** Dhakani, Dadeldhura. **elevation:** 821m. Landrace. Seed.
- PI 573923 **origin:** Nepal. **collected:** 1991. **collector:** K. Malla, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-177. **other id:** NSGC 751. **locality:** Bail (Syadi), Bajhang. **elevation:** 2018m. Landrace. Seed.
- PI 573924 **origin:** Nepal. **collected:** 1991. **collector:** K. Malla, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-178. **other id:** NSGC 752. **locality:** Deulek, Bajhang. **elevation:** 2289m. Landrace. Seed.
- PI 573925 **origin:** Nepal. **collected:** 1991. **collector:** K. Malla, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-179. **other id:** NSGC 753. **locality:** Sunkuda, Bajhang. **elevation:** 2289m. Landrace. Seed.
- PI 573926 **origin:** Nepal. **collected:** 1991. **collector:** K. Malla, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-180. **other id:** NSGC 754. **locality:** Suwara, Bajhang. **elevation:** 2347m. Landrace. Seed.

PI 573758 to 574135-continued

- PI 573927 **origin:** Nepal. **collected:** 1991. **collector:** K. Malla, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-181. **other id:** NSGC 755. **locality:** Gajari, Bajhang. **elevation:** 1675m. Landrace. Seed.
- PI 573928 **origin:** Nepal. **collected:** 1991. **collector:** K. Malla, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-182. **other id:** NSGC 756. **locality:** Byarigaon, Bajhang. **elevation:** 1675m. Landrace. Seed.
- PI 573929 **origin:** Nepal. **collected:** 1991. **collector:** K. Malla, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-183. **other id:** NSGC 757. **locality:** Thapagaon, Bajhang. **elevation:** 2680m. Landrace. Seed.
- PI 573930 **origin:** Nepal. **collected:** 1991. **collector:** K. Malla, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-184. **other id:** NSGC 758. **locality:** Manchaur, Bajhang. **elevation:** 2647m. Landrace. Seed.
- PI 573931 **origin:** Nepal. **collected:** 1991. **collector:** K. Malla, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-185. **other id:** NSGC 759. **locality:** Karachaur, Bajhang. **elevation:** 2647m. Landrace. Seed.
- PI 573932 **origin:** Nepal. **collected:** 1991. **collector:** K. Malla, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-186. **other id:** NSGC 760. **locality:** Senpasela, Bajhang. **elevation:** 2405m. Landrace. Seed.
- PI 573933 **origin:** Nepal. **collected:** 1991. **collector:** K. Malla, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-187. **other id:** NSGC 761. **locality:** Lekgaon, Bajhang. **elevation:** 2405m. Landrace. Seed.
- PI 573934 **origin:** Nepal. **collected:** 1991. **collector:** K. Malla, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-188. **other id:** NSGC 762. **locality:** Goriya, Bajhang. **elevation:** 3112m. Landrace. Seed.
- PI 573935 **origin:** Nepal. **collected:** 1991. **collector:** K. Malla, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-189. **other id:** NSGC 763. **locality:** Machakhori, Bajhang. **elevation:** 3112m. Landrace. Seed.
- PI 573936 **origin:** Nepal. **collected:** 1991. **collector:** K. Malla, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-190. **other id:** NSGC 764. **locality:** Burakhori, Bajhang. **elevation:** 2454m. Landrace. Seed.

PI 573758 to 574135-continued

- PI 573937 **origin:** Nepal. **collected:** 1991. **collector:** K. Malla, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-191. **other id:** NSGC 765. **locality:** Galapati, Bajhang. **elevation:** 2905m. Landrace. Seed.
- PI 573938 **origin:** Nepal. **collected:** 1991. **collector:** K. Malla, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-192. **other id:** NSGC 766. **locality:** Bhirkot, Bajhang. **elevation:** 2905m. Landrace. Seed.
- PI 573939 **origin:** Nepal. **collected:** 1991. **collector:** K. Malla, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-193. **other id:** NSGC 767. **locality:** Ghanatola, Bajhang. **elevation:** 2880m. Landrace. Seed.
- PI 573940 **origin:** Nepal. **collected:** 1991. **collector:** K. Malla, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-194. **other id:** NSGC 768. **locality:** Chimbuno, Bajhang. **elevation:** 2777m. Landrace. Seed.
- PI 573941 **origin:** Nepal. **collected:** 1991. **collector:** K. Malla, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-195. **other id:** NSGC 769. **locality:** Parianu, Bajhang. **elevation:** 2868m. Landrace. Seed.
- PI 573942 **origin:** Nepal. **collected:** 1991. **collector:** K. Malla, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-196. **other id:** NSGC 770. **locality:** Kimuchaur, Bajhang. **elevation:** 2825m. Landrace. Seed.
- PI 573943 **origin:** Nepal. **collected:** 1991. **collector:** L.D. Panta, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-197. **other id:** NSGC 771. **locality:** Kale Bagarkhet, Baitadi. **elevation:** 1425m. Landrace. Seed.
- PI 573944 **origin:** Nepal. **collected:** 1991. **collector:** L.D. Panta, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-198. **other id:** NSGC 772. **locality:** Thate (Kafalkot), Baitadi. **elevation:** 2000m. Landrace. Seed.
- PI 573945 **origin:** Nepal. **collected:** 1991. **collector:** L.D. Panta, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-199. **other id:** NSGC 773. **locality:** Bhatana, Baitadi. **elevation:** 2393m. Landrace. Seed.
- PI 573946 **origin:** Nepal. **collected:** 1991. **collector:** L.D. Panta, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-200. **other id:** NSGC 774. **locality:** Gairado, Baitadi. **elevation:** 2900m. Landrace. Seed.

- PI 573947 **origin:** Nepal. **collected:** 1991. **collector:** L.D. Panta, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-201. **other id:** NSGC 775. **locality:** Ruiseni, Baitadi. **elevation:** 2423m. Landrace. Seed.
- PI 573948 **origin:** Nepal. **collected:** 1991. **collector:** L.D. Panta, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-203. **other id:** NSGC 776. **locality:** Jhayaulek, Baitadi. **elevation:** 2350m. Landrace. Seed.
- PI 573949 **origin:** Nepal. **collected:** 1991. **collector:** L.D. Panta, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-204. **other id:** NSGC 777. **locality:** Jyafu, Baitadi. **elevation:** 2341m. Landrace. Seed.
- PI 573950 **origin:** Nepal. **collected:** 1991. **collector:** L.D. Panta, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-205. **other id:** NSGC 778. **locality:** Kailek, Baitadi. **elevation:** 2300m. Landrace. Seed.
- PI 573951 **origin:** Nepal. **collected:** 1991. **collector:** L.D. Panta, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-206. **other id:** NSGC 779. **locality:** Harichan, Baitadi. **elevation:** 2387m. Landrace. Seed.
- PI 573952 **origin:** Nepal. **collected:** 1991. **collector:** L.D. Panta, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-207. **other id:** NSGC 780. **locality:** Sela (Sitkhar), Baitadi. **elevation:** 2400m. Landrace. Seed.
- PI 573953 **origin:** Nepal. **collected:** 1991. **collector:** L.D. Panta, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-208. **other id:** NSGC 781. **locality:** Patharkot, Baitadi. **elevation:** 1890m. Landrace. Seed.
- PI 573954 **origin:** Nepal. **collected:** 1991. **collector:** L.D. Panta, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-209. **other id:** NSGC 782. **locality:** Khalanga, Baitadi. **elevation:** 1066m. Landrace. Seed.
- PI 573955 **origin:** Nepal. **collected:** 1991. **collector:** L.D. Panta, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-210. **other id:** NSGC 783. **locality:** Gurukhola, Baitadi. **elevation:** 2000m. Landrace. Seed.
- PI 573956 **origin:** Nepal. **collected:** 1991. **collector:** L.D. Panta, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-211. **other id:** NSGC 784. **locality:** Pali, Baitadi. **elevation:** 1900m. Landrace. Seed.

PI 573758 to 574135-continued

- PI 573957 **origin:** Nepal. **collected:** 1991. **collector:** L.D. Panta, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-212. **other id:** NSGC 785. **locality:** Sujada, Baitadi. **elevation:** 1900m. Landrace. Seed.
- PI 573958 **origin:** Nepal. **collected:** 1991. **collector:** L.D. Panta, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-214. **other id:** NSGC 787. **locality:** Paleta, Baitadi. **elevation:** 2000m. Landrace. Seed.
- PI 573959 **origin:** Nepal. **collected:** 1991. **collector:** L.D. Panta, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-216. **other id:** NSGC 789. **locality:** Surkhal, Baitadi. **elevation:** 2000m. Landrace. Seed.
- PI 573960 **origin:** Nepal. **collected:** 1991. **collector:** L.D. Panta, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-217. **other id:** NSGC 790. **locality:** Danain, Baitadi. **elevation:** 2300m. Landrace. Seed.
- PI 573961 **origin:** Nepal. **collected:** 1991. **collector:** L.D. Panta, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-218. **other id:** NSGC 791. **locality:** Goichada, Baitadi. **elevation:** 2000m. Landrace. Seed.
- PI 573962 **origin:** Nepal. **collected:** 1991. **collector:** L.D. Panta, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-219. **other id:** NSGC 792. **locality:** Nintola, Baitadi. **elevation:** 1700m. Landrace. Seed.
- PI 573963 **origin:** Nepal. **collected:** 1991. **collector:** L.D. Panta, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-220. **other id:** NSGC 793. **locality:** Gagara (Patan), Baitadi. **elevation:** 1200m. Landrace. Seed.
- PI 573964 **origin:** Nepal. **collected:** 1991. **collector:** L.D. Panta, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-221. **other id:** NSGC 794. **locality:** Silanga, Baitadi. **elevation:** 1600m. Landrace. Seed.
- PI 573965 **origin:** Nepal. **collected:** 1991. **collector:** K.R. Dahal, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-222. **other id:** NSGC 795. **locality:** Bapukhola, Rolpa. **elevation:** 2250m. Landrace. Seed.
- PI 573966 **origin:** Nepal. **collected:** 1991. **collector:** K.R. Dahal, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-224. **other id:** NSGC 797. **locality:** Ratamata, Rolpa. **elevation:** 2100m. Landrace. Seed.

PI 573758 to 574135-continued

- PI 573967 **origin:** Nepal. **collected:** 1991. **collector:** K.R. Dahal, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-225. **other id:** NSGC 798. **locality:** Raykati, Rolpa. **elevation:** 1800m. Landrace. Seed.
- PI 573968 **origin:** Nepal. **collected:** 1991. **collector:** K.R. Dahal, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-226. **other id:** NSGC 799. **locality:** Gairaneta, Rolpa. **elevation:** 2400m. Landrace. Seed.
- PI 573969 **origin:** Nepal. **collected:** 1991. **collector:** K.R. Dahal, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-227. **other id:** NSGC 800. **locality:** Iriwang, Rolpa. **elevation:** 2000m. Landrace. Seed.
- PI 573970 **origin:** Nepal. **collected:** 1991. **collector:** K.R. Dahal, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-228. **other id:** NSGC 801. **locality:** Supa Totake, Rolpa. **elevation:** 2350m. Landrace. Seed.
- PI 573971 **origin:** Nepal. **collected:** 1991. **collector:** K.R. Dahal, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-229. **other id:** NSGC 802. **locality:** Mirual, Rolpa. **elevation:** 2100m. Landrace. Seed.
- PI 573972 **origin:** Nepal. **collected:** 1991. **collector:** K.R. Dahal, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-230. **other id:** NSGC 803. **locality:** Pakha Pani, Rolpa. **elevation:** 2400m. Landrace. Seed.
- PI 573973 **origin:** Nepal. **collected:** 1991. **collector:** K.R. Dahal, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-231. **other id:** NSGC 804. **locality:** Dalasing, Rolpa. **elevation:** 2450m. Landrace. Seed.
- PI 573974 **origin:** Nepal. **collected:** 1991. **collector:** K.R. Dahal, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-232. **other id:** NSGC 805. **locality:** Halhale, Rolpa. **elevation:** 2400m. Landrace. Seed.
- PI 573975 **origin:** Nepal. **collected:** 1991. **collector:** K.R. Dahal, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-233. **other id:** NSGC 806. **locality:** Seulowang, Rolpa. **elevation:** 2400m. Landrace. Seed.
- PI 573976 **origin:** Nepal. **collected:** 1991. **collector:** K.R. Dahal, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-234. **other id:** NSGC 807. **locality:** Suvekura, Rolpa. **elevation:** 2400m. Landrace. Seed.

PI 573758 to 574135-continued

- PI 573977 **origin:** Nepal. **collected:** 1991. **collector:** K.R. Dahal, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-235. **other id:** NSGC 808. **locality:** Chhapa, Rolpa. **elevation:** 2000m. Landrace. Seed.
- PI 573978 **origin:** Nepal. **collected:** 1991. **collector:** K.R. Dahal, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-236. **other id:** NSGC 809. **locality:** Maranthana, Rolpa. **elevation:** 2000m. Landrace. Seed.
- PI 573979 **origin:** Nepal. **collected:** 1991. **collector:** K.R. Dahal, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-237. **other id:** NSGC 810. **locality:** Lahalek, Rolpa. **elevation:** 2400m. Landrace. Seed.
- PI 573980 **origin:** Nepal. **collected:** 1991. **collector:** K.P. Pande, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-238. **other id:** NSGC 811. **locality:** Maga, Rokum. Landrace. Seed.
- PI 573981 **origin:** Nepal. **collected:** 1991. **collector:** K.P. Pande, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-239. **other id:** NSGC 812. **locality:** Maga, Rokum. Landrace. Seed.
- PI 573982 **origin:** Nepal. **collected:** 1991. **collector:** K.P. Pande, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-240. **other id:** NSGC 813. **locality:** Migri, Rokum. Landrace. Seed.
- PI 573983 **origin:** Nepal. **collected:** 1991. **collector:** K.P. Pande, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-241. **other id:** NSGC 814. **locality:** Migri, Rokum. Landrace. Seed.
- PI 573984 **origin:** Nepal. **collected:** 1991. **collector:** K.P. Pande, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-243. **other id:** NSGC 816. **locality:** Mathilo-Thapagaon, Rokum. Landrace. Seed.
- PI 573985 **origin:** Nepal. **collected:** 1991. **collector:** K.P. Pande, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-244. **other id:** NSGC 817. **locality:** Tallo Thapagaon, Rokum. Landrace. Seed.
- PI 573986 **origin:** Nepal. **collected:** 1991. **collector:** K.P. Pande, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-247. **other id:** NSGC 820. **locality:** Mathillo-Thapagaon, Rokum. Landrace. Seed.

PI 573758 to 574135-continued

- PI 573987 **origin:** Nepal. **collected:** 1991. **collector:** K.P. Pande, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-248. **other id:** NSGC 821. **locality:** Bhandarigaon, Rokum. Landrace. Seed.
- PI 573988 **origin:** Nepal. **collected:** 1991. **collector:** R. Upreti, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-249. **other id:** NSGC 822. **locality:** Tallu Basretgaon, Jajarkot. **elevation:** 2261m. Landrace. Seed.
- PI 573989 **origin:** Nepal. **collected:** 1991. **collector:** R. Upreti, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-250. **other id:** NSGC 823. **locality:** Tallu Basretgaon, Jajarkot. **elevation:** 2261m. Landrace. Seed.
- PI 573990 **origin:** Nepal. **collected:** 1991. **collector:** R. Upreti, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-251. **other id:** NSGC 824. **locality:** Tallu Basretgaon, Jajarkot. **elevation:** 2261m. Landrace. Seed.
- PI 573991 **origin:** Nepal. **collected:** 1991. **collector:** R. Upreti, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-252. **other id:** NSGC 825. **locality:** Ghyergaon, Jajarkot. Landrace. Seed.
- PI 573992 **origin:** Nepal. **collected:** 1991. **collector:** K.P. Pande, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-253. **other id:** NSGC 826. **locality:** Syala, Rokum. Landrace. Seed.
- PI 573993 **origin:** Nepal. **collected:** 1991. **collector:** K.P. Pande, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-254. **other id:** NSGC 827. **locality:** Khadi, Rokum. Landrace. Seed.
- PI 573994 **origin:** Nepal. **collected:** 1991. **collector:** K.P. Pande, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-255. **other id:** NSGC 828. **locality:** Khadi, Rokum. Landrace. Seed.
- PI 573995 **origin:** Nepal. **collected:** 1991. **collector:** K.P. Pande, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-256. **other id:** NSGC 829. **locality:** Khadi, Rokum. Landrace. Seed.
- PI 573996 **origin:** Nepal. **collected:** 1991. **collector:** K.P. Pande, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-257. **other id:** NSGC 830. **locality:** Syala, Rokum. Landrace. Seed.

PI 573758 to 574135-continued

- PI 573997 **origin:** Nepal. **collected:** 1991. **collector:** R. Upreti, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-258. **other id:** NSGC 831. **locality:** Ghyargaon, Jajarkot. Landrace. Seed.
- PI 573998 **origin:** Nepal. **collected:** 1991. **collector:** R. Upreti, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-259. **other id:** NSGC 832. **locality:** Tallo Basnetgaon, Jajarkot. Landrace. Seed.
- PI 573999 **origin:** Nepal. **collected:** 1991. **collector:** K.P. Pande, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-260. **other id:** NSGC 833. **locality:** Shyala, Rokum. Landrace. Seed.
- PI 574000 **origin:** Nepal. **collected:** 1991. **collector:** L.D. Bhatta, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-261. **other id:** NSGC 834. **locality:** Pinalekha, Bajura. **elevation:** 2000m. Landrace. Seed.
- PI 574001 **origin:** Nepal. **collected:** 1991. **collector:** L.D. Bhatta, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-262. **other id:** NSGC 835. **locality:** Manakot, Bajura. **elevation:** 2270m. Landrace. Seed.
- PI 574002 **origin:** Nepal. **collected:** 1991. **collector:** L.D. Bhatta, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-263. **other id:** NSGC 836. **locality:** Gajaya, Bajura. **elevation:** 2633m. Landrace. Seed.
- PI 574003 **origin:** Nepal. **collected:** 1991. **collector:** L.D. Bhatta, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-264. **other id:** NSGC 837. **locality:** Ghailkoda, Bajura. **elevation:** 2633m. Landrace. Seed.
- PI 574004 **origin:** Nepal. **collected:** 1991. **collector:** L.D. Bhatta, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-265. **other id:** NSGC 838. **locality:** Patiya, Bajura. **elevation:** 3082m. Landrace. Seed.
- PI 574005 **origin:** Nepal. **collected:** 1991. **collector:** L.D. Bhatta, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-266. **other id:** NSGC 839. **locality:** Siyadhunga, Bajura. **elevation:** 2270m. Landrace. Seed.
- PI 574006 **origin:** Nepal. **collected:** 1991. **collector:** L.D. Bhatta, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-267. **other id:** NSGC 840. **locality:** Rohari, Bajura. **elevation:** 3353m. Landrace. Seed.

PI 573758 to 574135-continued

- PI 574007 **origin:** Nepal. **collected:** 1991. **collector:** L.D. Bhatta, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-269. **other id:** NSGC 842. **locality:** Ranjali, Bajura. **elevation:** 2895m. Landrace. Seed.
- PI 574008 **origin:** Nepal. **collected:** 1991. **collector:** L.D. Bhatta, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-270. **other id:** NSGC 843. **locality:** Rajatali, Bajura. **elevation:** 2592m. Landrace. Seed.
- PI 574009 **origin:** Nepal. **collected:** 1991. **collector:** L.D. Bhatta, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-271. **other id:** NSGC 844. **locality:** Pandusen, Bajura. **elevation:** 2594m. Landrace. Seed.
- PI 574010 **origin:** Nepal. **collected:** 1991. **collector:** L.D. Bhatta, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-272. **other id:** NSGC 845. **locality:** Dadawara, Bajura. **elevation:** 2594m. Landrace. Seed.
- PI 574011 **origin:** Nepal. **collected:** 1991. **collector:** L.D. Bhatta, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-273. **other id:** NSGC 846. **locality:** Kimudal, Bajura. **elevation:** 2691m. Landrace. Seed.
- PI 574012 **origin:** Nepal. **collected:** 1991. **collector:** L.D. Bhatta, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-274. **other id:** NSGC 847. **locality:** Chhatikot, Bajura. **elevation:** 2420m. Landrace. Seed.
- PI 574013 **origin:** Nepal. **collected:** 1991. **collector:** L.D. Bhatta, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-275. **other id:** NSGC 848. **locality:** Sirari, Bajura. **elevation:** 2420m. Landrace. Seed.
- PI 574014 **origin:** Nepal. **collected:** 1991. **collector:** P. Bhandari, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-277. **other id:** NSGC 850. **locality:** Bijay Nagar, Jumla. **elevation:** 2273m. Landrace. Seed.
- PI 574015 **origin:** Nepal. **collected:** 1991. **collector:** P. Bhandari, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-278. **other id:** NSGC 851. **locality:** Bijay Nagar, Jumla. **elevation:** 2273m. Landrace. Seed.
- PI 574016 **origin:** Nepal. **collected:** 1991. **collector:** P. Bhandari, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-279. **other id:** NSGC 852. **locality:** Bijay Nagar, Jumla. **elevation:** 2273m. Landrace. Seed.

PI 573758 to 574135-continued

- PI 574017 **origin:** Nepal. **collected:** 1991. **collector:** P. Bhandari, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-280. **other id:** NSGC 853. **locality:** Dillichaur, Jumla. **elevation:** 1515m. Landrace. Seed.
- PI 574018 **origin:** Nepal. **collected:** 1991. **collector:** P. Bhandari, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-281. **other id:** NSGC 854. **locality:** Dillichaur, Jumla. **elevation:** 1515m. Landrace. Seed.
- PI 574019 **origin:** Nepal. **collected:** 1991. **collector:** P. Bhandari, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-282. **other id:** NSGC 855. **locality:** Dopalgaon, Jumla. **elevation:** 2394m. Landrace. Seed.
- PI 574020 **origin:** Nepal. **collected:** 1991. **collector:** P. Bhandari, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-283. **other id:** NSGC 856. **locality:** Karti Swami, Jumla. **elevation:** 2273m. Landrace. Seed.
- PI 574021 **origin:** Nepal. **collected:** 1991. **collector:** P. Bhandari, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-284. **other id:** NSGC 857. **locality:** Mahatgaon, Jumla. **elevation:** 2879m. Landrace. Seed.
- PI 574022 **origin:** Nepal. **collected:** 1991. **collector:** P. Bhandari, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-285. **other id:** NSGC 858. **locality:** Rinigaon, Jumla. **elevation:** 2424m. Landrace. Seed.
- PI 574023 **origin:** Nepal. **collected:** 1991. **collector:** R. Rai, K.P. Sharma, IAAS, Tribhuvan Univ. Rampur, Chitwan. **collector id:** RNB-286. **other id:** NSGC 859. **locality:** Bastala, Khotang. Landrace. Seed.
- PI 574024 **origin:** Nepal. **collected:** 1991. **collector:** R. Rai, K.P. Sharma, IAAS, Tribhuvan Univ. Rampur, Chitwan. **collector id:** RNB-287. **other id:** NSGC 860. **locality:** Gogane, Khotang. Landrace. Seed.
- PI 574025 **origin:** Nepal. **collected:** 1991. **collector:** R. Rai, K.P. Sharma, IAAS, Tribhuvan Univ. Rampur, Chitwan. **collector id:** RNB-288. **other id:** NSGC 861. **locality:** Dandagaon, Khotang. Landrace. Seed.
- PI 574026 **origin:** Nepal. **collected:** 1991. **collector:** R. Rai, K.P. Sharma, IAAS, Tribhuvan Univ. Rampur, Chitwan. **collector id:** RNB-289. **other id:** NSGC 862. **locality:** Dandagaon, Khotang. Landrace. Seed.

PI 573758 to 574135-continued

- PI 574027 **origin:** Nepal. **collected:** 1991. **collector:** R. Rai, K.P. Sharma, IAAS, Tribhuvan Univ. Rampur, Chitwan. **collector id:** RNB-290. **other id:** NSGC 863. **locality:** Solma, Khotang. Landrace. Seed.
- PI 574028 **origin:** Nepal. **collected:** 1991. **collector:** R. Rai, K.P. Sharma, IAAS, Tribhuvan Univ. Rampur, Chitwan. **collector id:** RNB-291. **other id:** NSGC 864. **locality:** Temma, Khotang. Landrace. Seed.
- PI 574029 **origin:** Nepal. **collected:** 1991. **collector:** R. Rai, K.P. Sharma, IAAS, Tribhuvan Univ. Rampur, Chitwan. **collector id:** RNB-292. **other id:** NSGC 865. **locality:** Akhotgaon, Khotang. Landrace. Seed.
- PI 574030 **origin:** Nepal. **collected:** 1991. **collector:** R. Rai, K.P. Sharma, IAAS, Tribhuvan Univ. Rampur, Chitwan. **collector id:** RNB-293. **other id:** NSGC 866. **locality:** Chhinapokhari, Khotang. Landrace. Seed.
- PI 574031 **origin:** Nepal. **collected:** 1991. **collector:** R. Rai, K.P. Sharma, IAAS, Tribhuvan Univ. Rampur, Chitwan. **collector id:** RNB-294. **other id:** NSGC 867. **locality:** Nirmalidanda, Khotang. Landrace. Seed.
- PI 574032 **origin:** Nepal. **collected:** 1991. **collector:** R. Rai, K.P. Sharma, IAAS, Tribhuvan Univ. Rampur, Chitwan. **collector id:** RNB-295. **other id:** NSGC 868. **locality:** Dandagaon, Khotang. Landrace. Seed.
- PI 574033 **origin:** Nepal. **collected:** 1991. **collector:** R. Rai, K.P. Sharma, IAAS, Tribhuvan Univ. Rampur, Chitwan. **collector id:** RNB-296. **other id:** NSGC 869. **locality:** Mul Danda, Khotang. Landrace. Seed.
- PI 574034 **origin:** Nepal. **collected:** 1991. **collector:** R. Rai, K.P. Sharma, IAAS, Tribhuvan Univ. Rampur, Chitwan. **collector id:** RNB-297. **other id:** NSGC 870. **locality:** Mul Danda, Khotang. Landrace. Seed.
- PI 574035 **origin:** Nepal. **collected:** 1991. **collector:** R. Rai, K.P. Sharma, IAAS, Tribhuvan Univ. Rampur, Chitwan. **collector id:** RNB-298. **other id:** NSGC 871. **locality:** Chipring, Khotang. Landrace. Seed.
- PI 574036 **origin:** Nepal. **collected:** 1991. **collector:** R. Rai, K.P. Sharma, IAAS, Tribhuvan Univ. Rampur, Chitwan. **collector id:** RNB-299. **other id:** NSGC 872. **locality:** Chipring, Khotang. Landrace. Seed.

PI 573758 to 574135-continued

- PI 574037 **origin:** Nepal. **collected:** 1991. **collector:** R. Rai, K.P. Sharma, IAAS, Tribhuvan Univ. Rampur, Chitwan. **collector id:** RNB-300. **other id:** NSGC 873. **locality:** Chhita Pokhari, Khotang. Landrace. Seed.
- PI 574038 **origin:** Nepal. **collected:** 1991. **collector:** R. Rai, K.P. Sharma, IAAS, Tribhuvan Univ. Rampur, Chitwan. **collector id:** RNB-301. **other id:** NSGC 874. **locality:** Chhita Pokhari, Khotang. Landrace. Seed.
- PI 574039 **origin:** Nepal. **collected:** 1991. **collector:** R. Rai, K.P. Sharma, IAAS, Tribhuvan Univ. Rampur, Chitwan. **collector id:** RNB-302. **other id:** NSGC 875. **locality:** Khutumbu, Khotang. Landrace. Seed.
- PI 574040 **origin:** Nepal. **collected:** 1991. **collector:** R. Rai, K.P. Sharma, IAAS, Tribhuvan Univ. Rampur, Chitwan. **collector id:** RNB-303. **other id:** NSGC 876. **locality:** Khutumbu, Khotang. Landrace. Seed.
- PI 574041 **origin:** Nepal. **collected:** 1991. **collector:** P. Pal, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-304. **other id:** NSGC 877. **locality:** Nisil, Darchula. **elevation:** 1757m. Landrace. Seed.
- PI 574042 **origin:** Nepal. **collected:** 1991. **collector:** P. Pal, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-305. **other id:** NSGC 878. **locality:** Rapla, Darchula. **elevation:** 2694m. Landrace. Seed.
- PI 574043 **origin:** Nepal. **collected:** 1991. **collector:** P. Pal, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-306. **other id:** NSGC 879. **locality:** Rapla, Darchula. **elevation:** 3694m. Landrace. Seed.
- PI 574044 **origin:** Nepal. **collected:** 1991. **collector:** P. Pal, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-307. **other id:** NSGC 880. **locality:** Brahmadev, Darchula. **elevation:** 3000m. Landrace. Seed.
- PI 574045 **origin:** Nepal. **collected:** 1991. **collector:** P. Pal, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-308. **other id:** NSGC 881. **locality:** Pipalchauri, Darchula. **elevation:** 3694m. Landrace. Seed.
- PI 574046 **origin:** Nepal. **collected:** 1991. **collector:** P. Pal, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-309. **other id:** NSGC 882. **locality:** Pipalchauri, Darchula. **elevation:** 3694m. Landrace. Seed.

PI 573758 to 574135-continued

- PI 574047 **origin:** Nepal. **collected:** 1991. **collector:** P. Pal, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-310. **other id:** NSGC 883. **locality:** Chheti, Darchula. **elevation:** 3597m. Landrace. Seed.
- PI 574048 **origin:** Nepal. **collected:** 1991. **collector:** P. Pal, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-311. **other id:** NSGC 884. **locality:** Khandeswari, Darchula. **elevation:** 3597m. Landrace. Seed.
- PI 574049 **origin:** Nepal. **collected:** 1991. **collector:** P. Pal, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-312. **other id:** NSGC 885. **locality:** Garigad, Darchula. **elevation:** 1000m. Landrace. Seed.
- PI 574050 **origin:** Nepal. **collected:** 1991. **collector:** P. Pal, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-314. **other id:** NSGC 887. **locality:** Tallo Dhuligada, Darchula. **elevation:** 1500m. Landrace. Seed.
- PI 574051 **origin:** Nepal. **collected:** 1991. **collector:** P. Pal, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-315. **other id:** NSGC 888. **locality:** Yerkot, Darchula. **elevation:** 2664m. Landrace. Seed.
- PI 574052 **origin:** Nepal. **collected:** 1991. **collector:** P. Pal, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-316. **other id:** NSGC 889. **locality:** Sug Bhugu, Darchula. **elevation:** 2664m. Landrace. Seed.
- PI 574053 **origin:** Nepal. **collected:** 1991. **collector:** P. Pal, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-317. **other id:** NSGC 890. **locality:** Sirar, Darchula. **elevation:** 2600m. Landrace. Seed.
- PI 574054 **origin:** Nepal. **collected:** 1991. **collector:** P. Pal, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-318. **other id:** NSGC 891. **locality:** Thangling, Darchula. **elevation:** 2600m. Landrace. Seed.
- PI 574055 **origin:** Nepal. **collected:** 1991. **collector:** P. Pal, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-321. **other id:** NSGC 894. **locality:** Mal, Darchula. **elevation:** 3594m. Landrace. Seed.
- PI 574056 **origin:** Nepal. **collected:** 1991. **collector:** G. Lama, G. Basnet, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-323. **other id:** NSGC 896. **locality:** Salleri, Solokhumbu. **elevation:** 2273m. Landrace. Seed.

PI 573758 to 574135-continued

- PI 574057 **origin:** Nepal. **collected:** 1991. **collector:** G. Lama, G. Basnet, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-324. **other id:** NSGC 897. **locality:** Garya, Solokhumbu. **elevation:** 2273m. Landrace. Seed.
- PI 574058 **origin:** Nepal. **collected:** 1991. **collector:** G. Lama, G. Basnet, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-325. **other id:** NSGC 898. **locality:** Beni, Solokhumbu. **elevation:** 2727m. Landrace. Seed.
- PI 574059 **origin:** Nepal. **collected:** 1991. **collector:** G. Lama, G. Basnet, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-326. **other id:** NSGC 899. **locality:** Tak Sindu, Solokhumbu. **elevation:** 3030m. Landrace. Seed.
- PI 574060 **origin:** Nepal. **collected:** 1991. **collector:** G. Lama, G. Basnet, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-327. **other id:** NSGC 900. **locality:** Tak Sindu, Solokhumbu. **elevation:** 3030m. Landrace. Seed.
- PI 574061 **origin:** Nepal. **collected:** 1991. **collector:** G. Lama, G. Basnet, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-329. **other id:** NSGC 901. **locality:** Chauri Khark, Solokhumbu. **elevation:** 2879m. Landrace. Seed.
- PI 574062 **origin:** Nepal. **collected:** 1991. **collector:** G. Lama, G. Basnet, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-331. **other id:** NSGC 902. **locality:** Chauri Khark, Solokhumbu. **elevation:** 2727m. Landrace. Seed.
- PI 574063 **origin:** Nepal. **collected:** 1991. **collector:** G. Lama, G. Basnet, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-332. **other id:** NSGC 903. **locality:** Chauri Khark, Solokhumbu. **elevation:** 2727m. Landrace. Seed.
- PI 574064 **origin:** Nepal. **collected:** 1991. **collector:** G. Lama, G. Basnet, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-334. **other id:** NSGC 904. **locality:** Gora Khani, Solokhumbu. **elevation:** 2727m. Landrace. Seed.

PI 573758 to 574135-continued

- PI 574065 **origin:** Nepal. **collected:** 1991. **collector:** G. Lama, G. Basnet, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-335. **other id:** NSGC 905. **locality:** Gora Khani, Solokhumbu. **elevation:** 2727m. Landrace. Seed.
- PI 574066 **origin:** Nepal. **collected:** 1991. **collector:** G. Lama, G. Basnet, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-336. **other id:** NSGC 906. **locality:** Tashting, Solokhumbu. **elevation:** 2727m. Landrace. Seed.
- PI 574067 **origin:** Nepal. **collected:** 1991. **collector:** G. Lama, G. Basnet, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-338. **other id:** NSGC 907. **locality:** Bakhu, Solokhumbu. **elevation:** 2424m. Landrace. Seed.
- PI 574068 **origin:** Nepal. **collected:** 1991. **collector:** G. Lama, G. Basnet, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-339. **other id:** NSGC 908. **locality:** Wasa, Solokhumbu. **elevation:** 2424m. Landrace. Seed.
- PI 574069 **origin:** Nepal. **collected:** 1991. **collector:** K. Lama, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-342. **other id:** NSGC 909. **locality:** Gherang, Manang. **elevation:** 1800m. Landrace. Seed.
- PI 574070 **origin:** Nepal. **collected:** 1991. **collector:** K. Lama, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-343. **other id:** NSGC 910. **locality:** Gherang, Manang. **elevation:** 1800m. Landrace. Seed.
- PI 574071 **origin:** Nepal. **collected:** 1991. **collector:** K. Lama, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-344. **other id:** NSGC 911. **locality:** Tachi, Manang. **elevation:** 2000m. Landrace. Seed.
- PI 574072 **origin:** Nepal. **collected:** 1991. **collector:** K. Lama, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-345. **other id:** NSGC 912. **locality:** Tilche, Manang. **elevation:** 2100m. Landrace. Seed.
- PI 574073 **origin:** Nepal. **collected:** 1991. **collector:** K. Lama, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-346. **other id:** NSGC 913. **locality:** Bagarchhap, Manang. **elevation:** 2072m. Landrace. Seed.

PI 573758 to 574135-continued

- PI 574074 **origin:** Nepal. **collected:** 1991. **collector:** K. Lama, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-347. **other id:** NSGC 914. **locality:** Tachai, Manang. **elevation:** 2200m. Landrace. Seed.
- PI 574075 **origin:** Nepal. **collected:** 1991. **collector:** K. Lama, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-348. **other id:** NSGC 915. **locality:** Tachai, Manang. **elevation:** 2200m. Landrace. Seed.
- PI 574076 **origin:** Nepal. **collected:** 1991. **collector:** K. Lama, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-349. **other id:** NSGC 916. **locality:** Chame, Manang. **elevation:** 2652m. Landrace. Seed.
- PI 574077 **origin:** Nepal. **collected:** 1991. **collector:** K. Lama, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-352. **other id:** NSGC 918. **locality:** Fu Gaon, Manang. **elevation:** 4500m. Landrace. Seed.
- PI 574078 **origin:** Nepal. **collected:** 1991. **collector:** R. Upreti, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-357. **other id:** NSGC 919. **locality:** Dhawalkot, Jajarkot. **elevation:** 2466m. Landrace. Seed.
- PI 574079 **origin:** Nepal. **collected:** 1991. **collector:** R. Upreti, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-358. **other id:** NSGC 920. **locality:** Dhawalkot, Jajarkot. **elevation:** 2466m. Landrace. Seed.
- PI 574080 **origin:** Nepal. **collected:** 1991. **collector:** R. Upreti, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-359. **other id:** NSGC 921. **locality:** Nayakwada, Jajarkot. **elevation:** 2700m. Landrace. Seed.
- PI 574081 **origin:** Nepal. **collected:** 1991. **collector:** R. Upreti, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-361. **other id:** NSGC 923. **locality:** Limsa, Jajarkot. Landrace. Seed.
- PI 574082 **origin:** Nepal. **collected:** 1991. **collector:** R. Upreti, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-363. **other id:** NSGC 925. **locality:** Agar (Siran), Jajarkot. Landrace. Seed.
- PI 574083 **origin:** Nepal. **collected:** 1991. **collector:** R. Upreti, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-365. **other id:** NSGC 927. **locality:** Rokaya Gaon, Jajarkot. **elevation:** 2600m. Landrace. Seed.

PI 573758 to 574135-continued

- PI 574084 **origin:** Nepal. **collected:** 1991. **collector:** R. Upreti, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-366. **other id:** NSGC 928. **locality:** Jiri, Jajarkot. **elevation:** 2800m. Landrace. Seed.
- PI 574085 **origin:** Nepal. **collected:** 1991. **collector:** K. Rai, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-367. **other id:** NSGC 929. **locality:** Maipokhari, Ilam. Landrace. Seed.
- PI 574086 **origin:** Nepal. **collected:** 1991. **collector:** K. Rai, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-368. **other id:** NSGC 930. **locality:** Mangla Bare, Ilam. Landrace. Seed.
- PI 574087 **origin:** Nepal. **collected:** 1991. **collector:** K. Rai, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-369. **other id:** NSGC 931. **locality:** Godak, Ilam. Landrace. Seed.
- PI 574088 **origin:** Nepal. **collected:** 1991. **collector:** K. Rai, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-372. **other id:** NSGC 932. **locality:** Bheta, Ilam. Landrace. Seed.
- PI 574089 **origin:** Nepal. **collected:** 1991. **collector:** K. Rai, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-373. **other id:** NSGC 933. **locality:** Murti, Ilam. Landrace. Seed.
- PI 574090 **origin:** Nepal. **collected:** 1991. **collector:** K. Rai, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-375. **other id:** NSGC 934. **locality:** Deurali, Ilam. Landrace. Seed.
- PI 574091 **origin:** Nepal. **collected:** 1991. **collector:** K. Rai, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-376. **other id:** NSGC 935. **locality:** Mai Majuwa, Ilam. Landrace. Seed.
- PI 574092 **origin:** Nepal. **collected:** 1991. **collector:** K. Rai, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-377. **other id:** NSGC 936. **locality:** Naya Bazar, Ilam. Landrace. Seed.
- PI 574093 **origin:** Nepal. **collected:** 1991. **collector:** K. Rai, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-378. **other id:** NSGC 937. **locality:** Nepal Tar, Ilam. Landrace. Seed.

- PI 574094 **origin:** Nepal. **collected:** 1991. **collector:** K. Rai, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-379. **other id:** NSGC 938. **locality:** Chhong, Ilam. Landrace. Seed.
- PI 574095 **origin:** Nepal. **collected:** 1991. **collector:** K. Rai, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-380. **other id:** NSGC 939. **locality:** Dhaje, Ilam. Landrace. Seed.
- PI 574096 **origin:** Nepal. **collected:** 1991. **collector:** K. Rai, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-381. **other id:** NSGC 940. **locality:** Palg, Ilam. Landrace. Seed.
- PI 574097 **origin:** Nepal. **collected:** 1991. **collector:** K. Rai, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-382. **other id:** NSGC 941. **locality:** Jeetpur, Ilam. Landrace. Seed.
- PI 574098 **origin:** Nepal. **collected:** 1991. **collector:** K. Rai, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-383. **other id:** NSGC 942. **locality:** Sante Dara, Ilam. Landrace. Seed.
- PI 574099 **origin:** Nepal. **collected:** 1990. **collector:** K.R. Dahal, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-384. **other id:** NSGC 943. **locality:** Sipchet, Gorkha. Landrace. Seed.
- PI 574100 **origin:** Nepal. **collected:** 1990. **collector:** K.R. Dahal, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-385. **other id:** NSGC 944. **locality:** Chunchet, Gorkha. Landrace. Seed.
- PI 574101 **origin:** Nepal. **collected:** 1990. **collector:** K.R. Dahal, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-386. **other id:** NSGC 945. **locality:** Chunchet, Gorkha. Landrace. Seed.
- PI 574102 **origin:** Nepal. **collected:** 1990. **collector:** K.R. Dahal, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-387. **other id:** NSGC 946. **locality:** Siddibash, Gorkha. Landrace. Seed.
- PI 574103 **origin:** Nepal. **collected:** 1990. **collector:** K.R. Dahal, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-388. **other id:** NSGC 947. **locality:** Siddibash, Gorkha. Landrace. Seed.

PI 573758 to 574135-continued

- PI 574104 **origin:** Nepal. **collected:** 1990. **collector:** K.R. Dahal, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-389. **other id:** NSGC 948. **locality:** Siddibash, Gorkha. Landrace. Seed.
- PI 574105 **origin:** Nepal. **collected:** 1990. **collector:** K.R. Dahal, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-391. **other id:** NSGC 949. **locality:** Nihi (Rana), Gorkha. Landrace. Seed.
- PI 574106 **origin:** Nepal. **collected:** 1990. **collector:** K.R. Dahal, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-392. **other id:** NSGC 950. **locality:** Nihi, Gorkha. Landrace. Seed.
- PI 574107 **origin:** Nepal. **collected:** 1990. **collector:** K.R. Dahal, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-394. **other id:** NSGC 951. **locality:** Prok, Chhak, Gorkha. Landrace. Seed.
- PI 574108 **origin:** Nepal. **collected:** 1990. **collector:** K.R. Dahal, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-396. **other id:** NSGC 952. **locality:** Prok, Kwak, Gorkha. Landrace. Seed.
- PI 574109 **origin:** Nepal. **collected:** 1990. **collector:** K.R. Dahal, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-401. **other id:** NSGC 953. **locality:** Prok, Gorkha. Landrace. Seed.
- PI 574110 **origin:** Nepal. **collected:** 1990. **collector:** K.R. Dahal, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-405. **other id:** NSGC 954. **locality:** Gorkha. Landrace. Seed.
- PI 574111 **origin:** Nepal. **collected:** 1990. **collector:** K.R. Dahal, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-408. **other id:** NSGC 955. **locality:** Gorkha. Landrace. Seed.
- PI 574112 **origin:** Nepal. **collected:** 1990. **collector:** K.R. Dahal, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-411. **other id:** NSGC 956. **locality:** Gorkha. Landrace. Seed.
- PI 574113 **origin:** Nepal. **collected:** 1990. **collector:** K.R. Dahal, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-416. **other id:** NSGC 957. **locality:** Gorkha. Landrace. Seed.

PI 573758 to 574135-continued

- PI 574114 **origin:** Nepal. **collected:** 1990. **collector:** K.R. Dahal, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-424. **other id:** NSGC 958. **locality:** Gorkha. Landrace. Seed.
- PI 574115 **origin:** Nepal. **collected:** 1990. **collector:** K.R. Neupane, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-425. **other id:** NSGC 959. **locality:** Tatopani, Rasuwa. **elevation:** 3190m. Landrace. Seed.
- PI 574116 **origin:** Nepal. **collected:** 1990. **collector:** K.R. Neupane, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-426. **other id:** NSGC 960. **locality:** Goljung, Rasuwa. **elevation:** 2250m. Landrace. Seed.
- PI 574117 **origin:** Nepal. **collected:** 1990. **collector:** K.R. Neupane, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-427. **other id:** NSGC 961. **locality:** Gonggang, Rasuwa. **elevation:** 3300m. Landrace. Seed.
- PI 574118 **origin:** Nepal. **collected:** 1990. **collector:** K.R. Neupane, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-431. **other id:** NSGC 965. **locality:** Gonggang, Rasuwa. **elevation:** 3300m. Landrace. Seed.
- PI 574119 **origin:** Nepal. **collected:** 1990. **collector:** K.R. Neupane, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-432. **other id:** NSGC 966. **locality:** Thuman, Rasuwa. **elevation:** 3000m. Landrace. Seed.
- PI 574120 **origin:** Nepal. **collected:** 1990. **collector:** K.R. Neupane, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-435. **other id:** NSGC 967. **locality:** Lohat, Rasuwa. **elevation:** 2323m. Landrace. Seed.
- PI 574121 **origin:** Nepal. **collected:** 1990. **collector:** K.R. Neupane, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-436. **other id:** NSGC 968. **locality:** Thuman, Rasuwa. **elevation:** 3000m. Landrace. Seed.
- PI 574122 **origin:** Nepal. **collected:** 1991. **collector:** S. Budha, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-438. **other id:** NSGC 969. **locality:** Jukal, Dolpa. Landrace. Seed.

PI 573758 to 574135-continued

- PI 574123 **origin:** Nepal. **collected:** 1991. **collector:** S. Budha, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-439. **other id:** NSGC 970. **locality:** Jukal, Dolpa. Landrace. Seed.
- PI 574124 **origin:** Nepal. **collected:** 1991. **collector:** S. Budha, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-440. **other id:** NSGC 971. **locality:** Godam, Dolpa. Landrace. Seed.
- PI 574125 **origin:** Nepal. **collected:** 1991. **collector:** S. Budha, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-441. **other id:** NSGC 972. **locality:** Dagiwada, Dolpa. **elevation:** 2248m. Landrace. Seed.
- PI 574126 **origin:** Nepal. **collected:** 1991. **collector:** S. Budha, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-443. **other id:** NSGC 974. **locality:** Jufal, Dolpa. **elevation:** 2318m. Landrace. Seed.
- PI 574127 **origin:** Nepal. **collected:** 1990. **collector:** K.R. Neupane, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-447. **other id:** NSGC 976. **locality:** Berdang, Rasuwa. Landrace. Seed.
- PI 574128 **origin:** Nepal. **collected:** 1991. **collector:** G.B. Thapa, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-448. **other id:** NSGC 977. **locality:** Myari (Jhari), Mugu. **elevation:** 2260m. Landrace. Seed.
- PI 574129 **origin:** Nepal. **collected:** 1991. **collector:** G.B. Thapa, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-449. **other id:** NSGC 978. **locality:** Chakpali, Mugu. **elevation:** 2344m. Landrace. Seed.
- PI 574130 **origin:** Nepal. **collected:** 1991. **collector:** G.B. Thapa, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-451. **other id:** NSGC 980. **locality:** Ruga (Bam), Mugu. **elevation:** 3000m. Landrace. Seed.
- PI 574131 **origin:** Nepal. **collected:** 1991. **collector:** G.B. Thapa, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-452. **other id:** NSGC 981. **locality:** Dhainkot, Mugu. Landrace. Seed.
- PI 574132 **origin:** Nepal. **collected:** 1991. **collector:** G.B. Thapa, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-453. **other id:** NSGC 982. **locality:** Kotdanda, Mugu. Landrace. Seed.

PI 573758 to 574135-continued

PI 574133 **origin:** Nepal. **collected:** 1991. **collector:** G.B. Thapa, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-454. **other id:** NSGC 983. **locality:** Gamtha, Mugu. Landrace. Seed.

PI 574134 **origin:** Nepal. **collected:** 1991. **collector:** G.B. Thapa, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-455. **other id:** NSGC 984. **locality:** Karle, Mugu. Landrace. Seed.

PI 574135 **origin:** Nepal. **collected:** 1991. **collector:** G.B. Thapa, K.P. Sharma, IAAS, Tribhuvan Univ., Rampur, Chitwan. **collector id:** RNB-456. **other id:** NSGC 985. **locality:** Sirikot, Mugu. Landrace. Seed.

PI 574136 to 574262. *Triticum aestivum* L., nom. cons. POACEAE

Donated by: Scharen, A.L., USDA-ARS, Dept. of Plant Pathology, Montana State University, Bozeman, Montana 59717-0002, United States. Received October 14, 1993.

PI 574136 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** S15. **pedigree:** VPM 1/Moisson//US60-43/Prieur. **other id:** 842042. **other id:** NSGC 987. **remarks:** Resistance to Septoria. Breeding Material. Seed.

PI 574137 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** ZG5026-82. **pedigree:** ZG850-72/Kavkaz//ZG2336-72. **other id:** 843229. **other id:** NSGC 989. **remarks:** Resistance to Septoria. Breeding Material. Seed.

PI 574138 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 82WTR-22. **pedigree:** WKP3522/Chalk. **other id:** 843344. **other id:** NSGC 990. Breeding Material. Seed.

PI 574139 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 82WTR-41. **pedigree:** Maris Huntsman//2*VPM 1/Moisson. **other id:** 843360. **other id:** NSGC 991. Breeding Material. Seed.

PI 574136 to 574262-continued

- PI 574140 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 83SPR-33. **pedigree:** ISPX134/ZN157//ZN157. **other id:** 845425. **other id:** NSGC 992. Breeding Material. Seed.
- PI 574141 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 84WTR-14. **pedigree:** Vona/4X//Vona/2X. **other id:** 852551. **other id:** NSGC 993. Breeding Material. Seed.
- PI 574142 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 84WTR-29. **pedigree:** 436319//WKP3528/DN2258. **other id:** 852566. **other id:** NSGC 994. Breeding Material. Seed.
- PI 574143 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 84WTR-47. **pedigree:** Doublecrop/Purdue//Virtue. **other id:** 852584. **other id:** NSGC 995. Breeding Material. Seed.
- PI 574144 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 84WTR-49. **pedigree:** Tezanos Pintos Precoz/2*Sonora 64//Pevelle Desprez/3/MOW. **other id:** 852586. **other id:** NSGC 996. Breeding Material. Seed.
- PI 574145 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 83SEB57ST. **pedigree:** TAM 101//CI 12632/PI 282931. **other id:** 852678. **other id:** NSGC 997. Breeding Material. Seed.
- PI 574146 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 83SEB63ST. **pedigree:** Tam 106//CI 12632/PI 282931. **other id:** 852687. **other id:** NSGC 998. Breeding Material. Seed.
- PI 574147 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 83SEB75SN. **pedigree:** Tam 106//CI 12632/PI 282931. **other id:** 852705. **other id:** NSGC 999. Breeding Material. Seed.

PI 574136 to 574262-continued

- PI 574148 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 84SPR-45. **pedigree:** SWM1430-4Y/McNeal 7626. **other id:** 855078. **other id:** NSGC 1001. Breeding Material. Seed.
- PI 574149 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 84SPR-46. **pedigree:** T12618-T-TAU/T12938-. **other id:** 855079. **other id:** NSGC 1002. Breeding Material. Seed.
- PI 574150 **origin:** United States. **developed:** A.L. Scharen, E. Malaney. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** ALLO 5. **pedigree:** Chinese Spring/8*Selkirk. **other id:** 855130. **other id:** NSGC 1007. Breeding Material. Seed.
- PI 574151 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 81SPR-50SN. **pedigree:** 72-30-6/ISPXI63. **other id:** 855199. **other id:** NSGC 1017. Breeding Material. Seed.
- PI 574152 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 81SPR-60ST. **pedigree:** PAT19/ISPXI54. **other id:** 855203. **other id:** NSGC 1018. Breeding Material. Seed.
- PI 574153 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 83SEB267. **pedigree:** Newana//CI 12632/PI 282931. **other id:** 855237. **other id:** NSGC 1019. Breeding Material. Seed.
- PI 574154 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 82SPR-99. **pedigree:** Newana/CI 17712. **other id:** 855351. **other id:** NSGC 1020. Breeding Material. Seed.
- PI 574155 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 83SPR-18. **pedigree:** 75-38-7/Newton//12632-X. **other id:** 855374. **other id:** NSGC 1021. Breeding Material. Seed.

PI 574136 to 574262-continued

- PI 574156 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 83SPR-23. **pedigree:** Newana//CI 12632/PI 282931/PAT--. **other id:** 855379. **other id:** NSGC 1022. Breeding Material. Seed.
- PI 574157 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 83SPR-31. **pedigree:** F2DRYSEPT660/97328. **other id:** 855383. **other id:** NSGC 1023. Breeding Material. Seed.
- PI 574158 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 83SPR-5. **pedigree:** ZN157/CI33090-M-4M-2Y--. **other id:** 855400. **other id:** NSGC 1024. Breeding Material. Seed.
- PI 574159 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** ED 111 ST. **pedigree:** Vona//CI 12632/PI 282931. **other id:** 855406. **other id:** NSGC 1025. Breeding Material. Seed.
- PI 574160 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** DX 269. **pedigree:** Vona/72-52-5-1. **other id:** 862004. **other id:** NSGC 1026. Breeding Material. Seed.
- PI 574161 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** ZG5015-82. **pedigree:** Sturdy/ZG884-73//Baranjka. **other id:** 862021. **other id:** NSGC 1027. Breeding Material. Seed.
- PI 574162 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** ZG5037-82. **pedigree:** ZG2487-72/ZG2783-71. **other id:** 862022. **other id:** NSGC 1028. Breeding Material. Seed.
- PI 574163 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 85WTR-16. **pedigree:** Vona/72-52-5//Virtue. **other id:** 862043. **other id:** NSGC 1029. Breeding Material. Seed.

PI 574136 to 574262-continued

- PI 574164 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 85WTR-19. **pedigree:** WKP3528/Ponca//2*Cheyenne/Illinois No. 1/C. **other id:** 862046. **other id:** NSGC 1030. Breeding Material. Seed.
- PI 574165 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 85WTR-25. **pedigree:** MT 7810/Hill ST. **other id:** 862052. **other id:** NSGC 1031. Breeding Material. Seed.
- PI 574166 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 85WTR-31. **pedigree:** S4625/Maris Huntsman//PI 436319. **other id:** 862058. **other id:** NSGC 1032. Breeding Material. Seed.
- PI 574167 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 85WTR-33. **pedigree:** Strubes 2/2*Yamhill. **other id:** 862060. **other id:** NSGC 1033. Breeding Material. Seed.
- PI 574168 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** DX 355. **pedigree:** Vona/72-52-5-2X. **other id:** 862068. **other id:** NSGC 1034. Breeding Material. Seed.
- PI 574169 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** MT 79123. **pedigree:** UT755079/CST56//TX65A12. **other id:** 862069. **other id:** NSGC 1035. Breeding Material. Seed.
- PI 574170 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** SMH1739. **pedigree:** S4625/Maris Huntsman. **other id:** 862201. **other id:** NSGC 1036. Breeding Material. Seed.
- PI 574171 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 82WTR-14. **pedigree:** MT 7840/Ponca//2*Cheyenne/Chinese. **other id:** 862233. **other id:** NSGC 1037. Breeding Material. Seed.

PI 574136 to 574262-continued

- PI 574172 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 83SEB23SN. **pedigree:** TAM 101//CI 12632/PI 282931. **other id:** 862246. **other id:** NSGC 1038. Breeding Material. Seed.
- PI 574173 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 83SEB61SN. **pedigree:** TAM 106//CI 12632/PI 282931. **other id:** 862261. **other id:** NSGC 1039. Breeding Material. Seed.
- PI 574174 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 83SEB113SN. **pedigree:** TAM 106//CI 12632/PI 282931. **other id:** 862282. **other id:** NSGC 1040. Breeding Material. Seed.
- PI 574175 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 83SEB117SN. **pedigree:** Vona//CI 12632/PI 282931. **other id:** 862285. **other id:** NSGC 1041. Breeding Material. Seed.
- PI 574176 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 82WTR-54. **pedigree:** Virtue/JCR 11. **other id:** 862611. **other id:** NSGC 1042. Breeding Material. Seed.
- PI 574177 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 83WTR-5. **pedigree:** Yamhill/Hyslop/3/Maris Huntsman//VPM 1/MO. **other id:** 862627. **other id:** NSGC 1043. Breeding Material. Seed.
- PI 574178 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 85SEB1ST. **pedigree:** Newana//CI 12632/PI 282931. **other id:** 862747. **other id:** NSGC 1044. Breeding Material. Seed.
- PI 574179 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 85SEB4SN. **pedigree:** Newana//CI 12632/PI 282931. **other id:** 862751. **other id:** NSGC 1045. Breeding Material. Seed.

PI 574136 to 574262-continued

- PI 574180 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 85SEB27SN. **pedigree:** Newana//CI 12632/PI 282931. **other id:** 862786. **other id:** NSGC 1046. Breeding Material. Seed.
- PI 574181 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 85SEB28ST. **pedigree:** Newana//CI 12632/PI 282931. **other id:** 862788. **other id:** NSGC 1047. Breeding Material. Seed.
- PI 574182 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** EA9. **pedigree:** Maris Huntsman//VPM 1/Moisson, SP137. **other id:** 863044. **other id:** NSGC 1048. Breeding Material. Seed.
- PI 574183 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 80WTR-44. **pedigree:** ID74-53-18/WTR71-1000. **other id:** 863137. **other id:** NSGC 1049. Breeding Material. Seed.
- PI 574184 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 80WTR-111. **pedigree:** Centurk/71-39-2//WTR72-20. **other id:** 863148. **other id:** NSGC 1050. Breeding Material. Seed.
- PI 574185 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 82WTR-44. **pedigree:** Brigand/Hill 81. **other id:** 863188. **other id:** NSGC 1051. Breeding Material. Seed.
- PI 574186 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 85SEB95ST. **pedigree:** Newana//CI 12632/PI 282931. **other id:** 865075. **other id:** NSGC 1052. Breeding Material. Seed.
- PI 574187 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 85SEB99SN. **pedigree:** Newana//CI 12632/PI 282931. **other id:** 865079. **other id:** NSGC 1053. Breeding Material. Seed.

PI 574136 to 574262-continued

- PI 574188 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 85SEB101SN. **pedigree:** Newana//CI 12632/PI 282931. **other id:** 865081. **other id:** NSGC 1054. Breeding Material. Seed.
- PI 574189 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 85SEB120ST. **pedigree:** Newana//CI 12632/PI 282931. **other id:** 865096. **other id:** NSGC 1055. Breeding Material. Seed.
- PI 574190 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 85SEB128SN. **pedigree:** Newana//CI 12632/PI 282931. **other id:** 865110. **other id:** NSGC 1056. Breeding Material. Seed.
- PI 574191 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 85SEB135ST. **pedigree:** Newana//CI 12632/PI 282931. **other id:** 865122. **other id:** NSGC 1057. Breeding Material. Seed.
- PI 574192 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 85SEB186SN. **pedigree:** Newana//CI 12632/PI 282931. **other id:** 865194. **other id:** NSGC 1058. Breeding Material. Seed.
- PI 574193 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 85SEB195SN. **pedigree:** Newana//CI 12632/PI 282931. **other id:** 865203. **other id:** NSGC 1059. Breeding Material. Seed.
- PI 574194 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 85SEB209ST. **pedigree:** Newana//CI 12632/PI 282931. **other id:** 865214. **other id:** NSGC 1060. Breeding Material. Seed.
- PI 574195 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 85SEB230ST. **pedigree:** Newana//CI 12632/PI 282931. **other id:** 865224. **other id:** NSGC 1061. Breeding Material. Seed.

PI 574136 to 574262-continued

- PI 574196 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 82SPR-59. **pedigree:** ISPX122/DU75. **other id:** 865260. **other id:** NSGC 1062. Breeding Material. Seed.
- PI 574197 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 83SEB255SN. **pedigree:** Newana//CI 12632/PI 282931. **other id:** 865263. **other id:** NSGC 1063. Breeding Material. Seed.
- PI 574198 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 79SPR-93. **pedigree:** ZN157/Fortuna. **other id:** 865419. **other id:** NSGC 1064. Breeding Material. Seed.
- PI 574199 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 85SPR-3. **pedigree:** Embrapa 6/F2 676. **other id:** 865597. **other id:** NSGC 1065. Breeding Material. Seed.
- PI 574200 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 85SPR-6. **pedigree:** SPR84-28/84LACOS215. **other id:** 865600. **other id:** NSGC 1066. Breeding Material. Seed.
- PI 574201 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 84SPR-3. **pedigree:** Pavon 76/ LACOS 262. **other id:** 867058. **other id:** NSGC 1067. Breeding Material. Seed.
- PI 574202 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 84SPR-9. **pedigree:** IAS 55/MT 7437//Espgrand 3. **other id:** 867064. **other id:** NSGC 1068. Breeding Material. Seed.
- PI 574203 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 84SPR-10. **pedigree:** IAS 55/MT 7437//84 LACOS 3. **other id:** 867066. **other id:** NSGC 1069. Breeding Material. Seed.

PI 574136 to 574262-continued

- PI 574204 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 84SPR-17. **pedigree:** CIMMYTSEL, MEX//EMBRAPA--. **other id:** 867134. **other id:** NSGC 1070. Breeding Material. Seed.
- PI 574205 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 84SPR-19. **pedigree:** Espgrandi//Espgrand 3/--. **other id:** 867138. **other id:** NSGC 1071. Breeding Material. Seed.
- PI 574206 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 81SPR-76. **pedigree:** Espigegrande 1/Pondera. **other id:** 867360. **other id:** NSGC 1072. Breeding Material. Seed.
- PI 574207 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 82SPR-77. **pedigree:** Espgrande 3/Solar. **other id:** 867390. **other id:** NSGC 1073. Breeding Material. Seed.
- PI 574208 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 81WTR-12SN. **pedigree:** 72-100-7/JCR90. **other id:** 872187. **other id:** NSGC 1074. Breeding Material. Seed.
- PI 574209 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 82WTR-48. **pedigree:** Yamhill/Hyslop//WKP3522. **other id:** 872201. **other id:** NSGC 1075. Breeding Material. Seed.
- PI 574210 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 83WTR-17. **pedigree:** Vona/72-52-5-1X//Virtue. **other id:** 872212. **other id:** NSGC 1076. Breeding Material. Seed.
- PI 574211 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 82WTR-2. **pedigree:** ID74-53-18/WKP3522. **other id:** 872253. **other id:** NSGC 1077. Breeding Material. Seed.

PI 574136 to 574262-continued

- PI 574212 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** SMH1749. **pedigree:** Sava/S282-72. **other id:** 873058. **other id:** NSGC 1078. Breeding Material. Seed.
- PI 574213 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** EE7. **pedigree:** Miron 88/Maris Huntsman//VPM 1/M--. **other id:** 873062. **other id:** NSGC 1079. Breeding Material. Seed.
- PI 574214 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 7204-22. **pedigree:** Ducat//VPM 1/Moisson. **other id:** 873116. **other id:** NSGC 1080. Breeding Material. Seed.
- PI 574215 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** EE8. **pedigree:** Miron 88/Maris Huntsman//VPM 1/M--. **other id:** 873127. **other id:** NSGC 1081. Breeding Material. Seed.
- PI 574216 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 80WTR-168. **pedigree:** JCR111/WTR71-1000. **other id:** 873334. **other id:** NSGC 1082. Breeding Material. Seed.
- PI 574217 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 71WTR-8 ST. **pedigree:** 12752/13554. **other id:** 873335. **other id:** NSGC 1083. Breeding Material. Seed.
- PI 574218 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 85SEB196. **pedigree:** Newana//CI 12632/PI 282931. **other id:** 875282. **other id:** NSGC 1084. Breeding Material. Seed.
- PI 574219 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 85SEB147. **pedigree:** Newana//CI 12632/PI 282931. **other id:** 877227. **other id:** NSGC 1085. Breeding Material. Seed.

PI 574136 to 574262-continued

- PI 574220 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 86SEB52SN. **pedigree:** Vona//CI 12632/PI 282931. **other id:** 882104. **other id:** NSGC 1086. Breeding Material. Seed.
- PI 574221 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 86SEB96ST. **pedigree:** Newana//CI 12632/PI 282931. **other id:** 882120. **other id:** NSGC 1087. Breeding Material. Seed.
- PI 574222 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 82WTR-3. **pedigree:** Yamhill/Hyslop//JCR11. **other id:** 882145. **other id:** NSGC 1088. Breeding Material. Seed.
- PI 574223 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 82WTR-20. **pedigree:** Vona/7252-5-2X/Hill--. **other id:** 883024. **other id:** NSGC 1089. Breeding Material. Seed.
- PI 574224 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 80WTR-131. **pedigree:** Chalk/WKP3522. **other id:** 883198. **other id:** NSGC 1090. Breeding Material. Seed.
- PI 574225 **origin:** United States. **developed:** A.L. Scharen, F.H. McNeal. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** McNeal 7627. **other id:** 885005. **other id:** NSGC 1091. Breeding Material. Seed.
- PI 574226 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 86SPR-2. **pedigree:** Veery 'S'/85ISMN2063. **other id:** 885037. **other id:** NSGC 1092. Breeding Material. Seed.
- PI 574227 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 86SPR-3. **pedigree:** ISPX3/Veery 'S'. **other id:** 885042. **other id:** NSGC 1093. Breeding Material. Seed.

PI 574136 to 574262-continued

- PI 574228 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 86SPR-4. **pedigree:** Espgrande 3/85ISMN2076. **other id:** 885047. **other id:** NSGC 1094. Breeding Material. Seed.
- PI 574229 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 86SPR-6. **pedigree:** 83LACOS12/SPR77-228. **other id:** 885058. **other id:** NSGC 1095. Breeding Material. Seed.
- PI 574230 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 86SPR-12. **pedigree:** 85ISMN2076/Veery 'S'. **other id:** 885068. **other id:** NSGC 1096. Breeding Material. Seed.
- PI 574231 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 86SPR-14. **pedigree:** ISPXI22/DU75//Solo. **other id:** 885073. **other id:** NSGC 1097. Breeding Material. Seed.
- PI 574232 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 83SEB255ST. **pedigree:** Newana/CI 12632/PI 282931. **other id:** 885266. **other id:** NSGC 1098. Breeding Material. Seed.
- PI 574233 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 85SEB195SN. **pedigree:** Newana//CI 12632/PI 282931. **other id:** 887131. **other id:** NSGC 1104. Breeding Material. Seed.
- PI 574234 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 86WTR-8. **pedigree:** WKP3528/3/83SEB61SN--. **other id:** 892099. **other id:** NSGC 1105. Breeding Material. Seed.
- PI 574235 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 86WTR-14. **pedigree:** WI X1444-1/WTR85-15. **other id:** 892131. **other id:** NSGC 1106. Breeding Material. Seed.

PI 574136 to 574262-continued

- PI 574236 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 77WTR-40ST. **pedigree:** 11506/DB-1. **other id:** 893232. **other id:** NSGC 1107. Breeding Material. Seed.
- PI 574237 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 83SEB252SN. **pedigree:** Newana//CI 12632/PI 282931. **other id:** 895124. **other id:** NSGC 1108. Breeding Material. Seed.
- PI 574238 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 88WTR-8. **pedigree:** WTR82-21/JCR174. **other id:** 902064. **other id:** NSGC 1110. Breeding Material. Seed.
- PI 574239 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** ZG978/85. **pedigree:** ZG5435/72xN-98xZG2812/7. **other id:** 902351. **other id:** NSGC 1111. Breeding Material. Seed.
- PI 574240 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 83WTR-20. **pedigree:** Vona/72-52-5-2X//Hill. **other id:** 902496. **other id:** NSGC 1114. Breeding Material. Seed.
- PI 574241 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 87WTR-1. **pedigree:** JCR174/Clement. **other id:** 902574. **other id:** NSGC 1115. Breeding Material. Seed.
- PI 574242 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 87WTR-6. **pedigree:** HillSN2/C39. **other id:** 902597. **other id:** NSGC 1116. Breeding Material. Seed.
- PI 574243 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 86WTR-3. **pedigree:** OR7996/3/83SEB103SN. **other id:** 902626. **other id:** NSGC 1117. Breeding Material. Seed.

PI 574136 to 574262-continued

- PI 574244 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 86WTR-4. **pedigree:** OR7996/MT7926. **other id:** 902633. **other id:** NSGC 1118. Breeding Material. Seed.
- PI 574245 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 84WTR-51. **pedigree:** Hill 81/JCR 655. **other id:** 902677. **other id:** NSGC 1119. Breeding Material. Seed.
- PI 574246 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 82WTR-50. **pedigree:** JCR37/WKP3522. **other id:** 902692. **other id:** NSGC 1120. Breeding Material. Seed.
- PI 574247 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 75SPR-44. **pedigree:** Win/Shortana. **other id:** 907094. **other id:** NSGC 1123. Breeding Material. Seed.
- PI 574248 **origin:** United States. **origin institute:** ICARDA, P.O. Box 5466, Aleppo, Montana Syria. **origin institute id:** 91IBRST-1. **cultivar:** VEE 'S'. **collector:** A.L. Scharen, USDA-ARS, Bozeman. **other id:** 917061. **other id:** NSGC 1124. Breeding Material. Seed.
- PI 574249 **origin:** United States. **origin institute:** ICARDA, P.O. Box 5466, Aleppo, Montana Syria. **origin institute id:** 91IBRST-2. **cultivar:** VEE 'S'. **collector:** A.L. Scharen, USDA-ARS, Bozeman. **other id:** 917062. **other id:** NSGC 1125. Breeding Material. Seed.
- PI 574250 **origin:** United States. **origin institute:** ICARDA, P.O. Box 5466, Aleppo, Montana Syria. **origin institute id:** 91IBRST-12. **pedigree:** IAS58/IAS55//Alondra 'S'/3/MaringaG/4/Alondra 'S'IAS58.103A/ Alondra 'S'. **collector:** A.L. Scharen, USDA-ARS, Bozeman. **other id:** 917168. **other id:** NSGC 1133. Breeding Material. Seed.
- PI 574251 **origin:** United States. **origin institute:** ICARDA, P.O. Box 5466, Aleppo, Montana Syria. **origin institute id:** 91IBRST-15. **pedigree:** Pavon 'S'/Sparrow 'S'. **collector:** A.L. Scharen, USDA-ARS, Bozeman. **other id:** 917171. **other id:** NSGC 1134. Breeding Material. Seed.

PI 574136 to 574262-continued

- PI 574252 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 90SW-24ST. **pedigree:** MT 8626 selection; CI 15838/MT 7418//Pondera. **other id:** 917197. **other id:** NSGC 1136. Breeding Material. Seed.
- PI 574253 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 90SW-25ST. **pedigree:** MT 8641 selection; Newana/MT 7746. **other id:** 917198. **other id:** NSGC 1137. Breeding Material. Seed.
- PI 574254 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 90SW-30SN. **pedigree:** MT 8801 selection; Olaf/Isepton. **other id:** 917199. **other id:** NSGC 1138. Breeding Material. Seed.
- PI 574255 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 90SW-30ST. **pedigree:** MT 8801 selection; Olaf/Isepton. **other id:** 917200. **other id:** NSGC 1139. Breeding Material. Seed.
- PI 574256 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 90SW-33ST. **pedigree:** MT 8812 selection; Marberg/MT 7746. **other id:** 917202. **other id:** NSGC 1140. Breeding Material. Seed.
- PI 574257 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 90SW-34SN. **pedigree:** MT 8822 selection; MT 7635/Antizana. **other id:** 917203. **other id:** NSGC 1141. Breeding Material. Seed.
- PI 574258 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 90SW-34ST. **pedigree:** MT 8822 selection; MT 7635/Antizana. **other id:** 917204. **other id:** NSGC 1142. Breeding Material. Seed.
- PI 574259 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 90SW-38SN. **pedigree:** MT 8827 selection; Pondera/MT 7732. **other id:** 917205. **other id:** NSGC 1143. Breeding Material. Seed.

PI 574136 to 574262-continued

PI 574260 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 90SW-39SN. **pedigree:** MT 8828 selection; Pondera/Angus. **other id:** 917206. **other id:** NSGC 1144. Breeding Material. Seed.

PI 574261 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 90SW-39ST. **pedigree:** MT 8828 selection; Pondera/Angus. **other id:** 917207. **other id:** NSGC 1145. Breeding Material. Seed.

PI 574262 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** 90SW-41SN. **pedigree:** MT 8836 selection; MT 7648/Antizana. **other id:** 917210. **other id:** NSGC 1146. Breeding Material. Seed.

PI 574263 to 574267. *Triticum durum* Desf. POACEAE

Donated by: Scharen, A.L., USDA-ARS, Dept. of Plant Pathology, Montana State University, Bozeman, Montana 59717-0002, United States. Received October 14, 1993.

PI 574263 **origin:** United States. **origin institute:** ICARDA, P.O. Box 5466, Aleppo, Montana Syria. **origin institute id:** 91IDUST-8. **pedigree:** Pichinchi 'S'/Grebe 'S'//Cocorit 'S'/Free Gallipoli 'S'. **collector:** A.L. Scharen, USDA-ARS, Bozeman. **other id:** 917084. **other id:** NSGC 1127. Breeding Material. Seed.

PI 574264 **origin:** United States. **origin institute:** ICARDA, P.O. Box 5466, Aleppo, Montana Syria. **origin institute id:** 91IDUST-9. **pedigree:** Pichinchi 'S'/Grebe 'S'//Cocorit 'S'/Free Gallipoli 'S'. **collector:** A.L. Scharen, USDA-ARS, Bozeman. **other id:** 917085. **other id:** NSGC 1128. Breeding Material. Seed.

PI 574265 **origin:** United States. **origin institute:** ICARDA, P.O. Box 5466, Aleppo, Montana Syria. **origin institute id:** 91IDUST-14. **pedigree:** MEMO 'S'/Goose 'S'. **collector:** A.L. Scharen, USDA-ARS, Bozeman. **other id:** 917090. **other id:** NSGC 1129. Breeding Material. Seed.

PI 574266 **origin:** United States. **origin institute:** ICARDA, P.O. Box 5466, Aleppo, Montana Syria. **origin institute id:** 91IDUST-18. **pedigree:** Martin 'S'/Slaska 'S'//Chapingo 67/21563/3/WAHA 'S'. **collector:** A.L. Scharen, USDA-ARS, Bozeman. **other id:** 917094. **other id:** NSGC 1131. Breeding Material. Seed.

PI 574263 to 574267-continued

PI 574267 **origin:** United States. **origin institute:** ICARDA, P.O. Box 5466, Aleppo, Montana Syria. **origin institute id:** 91IDUST-2. **pedigree:** SHA 'S'/Bittern 'S'. **collector:** A.L. Scharen, USDA-ARS, Bozeman. **other id:** 917174. **other id:** NSGC 1135. Breeding Material. Seed.

PI 574268 to 574284. Triticum hybrid POACEAE

Donated by: Scharen, A.L., USDA-ARS, Dept. of Plant Pathology, Montana State University, Bozeman, Montana 59717-0002, United States. Received October 14, 1993.

PI 574268 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** EA7. **pedigree:** Aegilops ventricosa/T. persicum//3*Marvel. **other id:** 842009. **other id:** NSGC 986. **remarks:** Resistance to Septoria. Breeding Material. Seed.

PI 574269 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** EA6. **pedigree:** T. dicoccum/Aegilops squarrosa. **other id:** 855014. **other id:** NSGC 1000. Breeding Material. Seed.

PI 574270 **origin:** United States. **developed:** A.L. Scharen, E. Malaney. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** ALLO 1. **pedigree:** Aegilops juvenalis/6*Chris/--. **other id:** 855126. **other id:** NSGC 1003. Breeding Material. Seed.

PI 574271 **origin:** United States. **developed:** A.L. Scharen, E. Malaney. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** ALLO 2. **pedigree:** Aegilops cylindrica/Chris//2--. **other id:** 855127. **other id:** NSGC 1004. Breeding Material. Seed.

PI 574272 **origin:** United States. **developed:** A.L. Scharen, E. Malaney. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** ALLO 3. **pedigree:** Aegilops variabilis/9*Selkirk. **other id:** 855128. **other id:** NSGC 1005. Breeding Material. Seed.

PI 574273 **origin:** United States. **developed:** A.L. Scharen, E. Malaney. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** ALLO 4. **pedigree:** T. turgidum/9*Selkirk. **other id:** 855129. **other id:** NSGC 1006. Breeding Material. Seed.

PI 574268 to 574284-continued

- PI 574274 **origin:** United States. **developed:** A.L. Scharen, E. Malaney. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** ALLO 7. **pedigree:** *Aegilops ventricosa*/T. *durum*//13*--. **other id:** 855132. **other id:** NSGC 1008. Breeding Material. Seed.
- PI 574275 **origin:** United States. **developed:** A.L. Scharen, E. Malaney. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** ALLO 8. **pedigree:** *Haynaldia villosa*/T. *dicoccum*//--. **other id:** 855133. **other id:** NSGC 1009. Breeding Material. Seed.
- PI 574276 **origin:** United States. **developed:** A.L. Scharen, E. Malaney. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** ALLO 9. **pedigree:** *Haynaldia villosa*/T. *durum*//--. **other id:** 855134. **other id:** NSGC 1010. Breeding Material. Seed.
- PI 574277 **origin:** United States. **developed:** A.L. Scharen, E. Malaney. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** ALLO 10. **pedigree:** *Aegilops squarrosa* (4X)/19*Selkirk. **other id:** 855135. **other id:** NSGC 1011. Breeding Material. Seed.
- PI 574278 **origin:** United States. **developed:** A.L. Scharen, E. Malaney. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** ALLO 11. **pedigree:** *Aegilops uniaristata*/2*T. *durum*//--. **other id:** 855136. **other id:** NSGC 1012. Breeding Material. Seed.
- PI 574279 **origin:** United States. **developed:** A.L. Scharen, E. Malaney. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** ALLO 12. **pedigree:** *Aegilops uniaristata*/2*T. *durum*//--. **other id:** 855137. **other id:** NSGC 1013. Breeding Material. Seed.
- PI 574280 **origin:** United States. **developed:** A.L. Scharen, E. Malaney. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** ALLO 13. **pedigree:** T. *macha*, PI 14191/17*--. **other id:** 855138. **other id:** NSGC 1014. Breeding Material. Seed.
- PI 574281 **origin:** United States. **developed:** A.L. Scharen, E. Malaney. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** ALLO 14. **pedigree:** T. *macha*, PI 190923/9*--. **other id:** 855139. **other id:** NSGC 1015. Breeding Material. Seed.

PI 574268 to 574284-continued

- PI 574282 **origin:** United States. **developed:** A.L. Scharen, E. Malaney. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** ALLO 15. **pedigree:** T. macha, PI 190923/9*--. **other id:** 855140. **other id:** NSGC 1016. Breeding Material. Seed.
- PI 574283 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** ASVM4*4654. **pedigree:** Aegilops squarrosa/T. dicoccum. **other id:** 902024. **other id:** NSGC 1109. Breeding Material. Seed.
- PI 574284 **origin:** United States. **developed:** A.L. Scharen. **origin institute:** USDA-ARS, Bozeman, Montana United States. **origin institute id:** ASVM4*4654. **pedigree:** Aegilops squarrosa/T. dicoccum. **other id:** 903022. **other id:** NSGC 1121. Breeding Material. Seed.

PI 574285 to 574291. X Triticosecale sp. POACEAE

Donated by: Scharen, A.L., USDA-ARS, Dept. of Plant Pathology, Montana State University, Bozeman, Montana 59717-0002, United States. Received October 14, 1993.

- PI 574285 **origin:** United States. **origin institute id:** CT 353-79. **collector:** A.L. Scharen, USDA-ARS, Bozeman. **other id:** 842275. **other id:** NSGC 988. **remarks:** Resistance to Septoria. Breeding Material. Seed.
- PI 574286 **origin:** United States. **origin institute id:** VT082464. **collector:** A.L. Scharen, USDA-ARS, Bozeman. **other id:** 885307. **other id:** NSGC 1099. Breeding Material. Seed.
- PI 574287 **origin:** United States. **origin institute id:** VT082478. **collector:** A.L. Scharen, USDA-ARS, Bozeman. **other id:** 885308. **other id:** NSGC 1100. Breeding Material. Seed.
- PI 574288 **origin:** United States. **origin institute id:** 81T211. **collector:** A.L. Scharen, USDA-ARS, Bozeman. **other id:** 885311. **other id:** NSGC 1102. Breeding Material. Seed.
- PI 574289 **origin:** United States. **origin institute id:** 83T103. **collector:** A.L. Scharen, USDA-ARS, Bozeman. **other id:** 885312. **other id:** NSGC 1103. Breeding Material. Seed.
- PI 574290 **origin:** United States. **cultivar:** UGO. **other id:** 902430. **other id:** NSGC 1112. Cultivar. Seed.
- PI 574291 **origin:** United States. **cultivar:** MALNO. **other id:** 902431. **other id:** NSGC 1113. Cultivar. Seed.

PI 574292. *Hordeum vulgare* L. subsp. *vulgare* POACEAE

Donated by: Lumpkin, T.A., Washington State University, Pullman, Washington 99164, United States. Received October 14, 1993.

origin: Bhutan. **collected:** April 1991. **collector:** T.A. Lumpkin, Washington State University, Pullman, WA. **other id:** NSGC 1147. **locality:** 10 mi. northeast of Wangdi. **elevation:** 2135m. **remarks:** Grown during the winter as a major staple food of the Druk people. Landrace. Seed.

PI 574293. *Hordeum vulgare* L. subsp. *vulgare* POACEAE

Donated by: Ambrose, M., AFRC Cereals Collection, John Innes Institute, Colney Lane, Norwich, England NR4 7UH, United Kingdom. Received October 14, 1993.

origin: United Kingdom. **cultivar:** FRANKA. **collector:** AFRC Cereals Collection, John Innes Institute, Norwich. **collector id:** B 18203. **other id:** NSGC 1148. Cultivar. Seed.

PI 574294 to 574306. *Hordeum vulgare* L. subsp. *vulgare* POACEAE

Donated by: Liu, C.T., University of Idaho, Dept. of Plant, Soil, & Ent. Sciences, College of Agriculture, Moscow, Idaho 83843, United States. Received October 14, 1993.

PI 574294 **donor id:** PRC-91-WB-1. **origin:** China. **origin institute:** Jiangsu Academy of Agric. Science, Nanjing, Jiangsu China. **cultivar:** VICTORIA. **other id:** MAC91-92GH-160. **other id:** NSGC 1181. Cultivar. Seed.

PI 574295 **donor id:** PRC-91-WB-2. **origin:** China. **origin institute:** Jiangsu Academy of Agric. Science, Nanjing, Jiangsu China. **other id:** MAC91-92GH-161. **other id:** NSGC 1182. Breeding Material. Seed.

PI 574296 **donor id:** PRC-91-SB-1. **origin:** China. **origin institute:** Jiangsu Academy of Agric. Science, Nanjing, Jiangsu China. **cultivar:** JING PI A321-1. **other id:** MAC91-92GH-162. **other id:** NSGC 1183. Breeding Material. Seed.

PI 574297 **donor id:** PRC-91-SB-2. **origin:** China. **origin institute:** Jiangsu Academy of Agric. Science, Nanjing, Jiangsu China. **cultivar:** JING PI B121-1. **other id:** MAC91-92GH-163. **other id:** NSGC 1184. Breeding Material. Seed.

PI 574294 to 574306-continued

- PI 574298 **donor id:** PRC-91-SB-3. **origin:** China. **origin institute:** Jiangsu Academy of Agric. Science, Nanjing, Jiangsu China. **origin institute id:** 83-6-4. **other id:** MAC91-92GH-164. **other id:** NSGC 1185. Breeding Material. Seed.
- PI 574299 **donor id:** PRC-91-SB-4. **origin:** China. **origin institute:** Jiangsu Academy of Agric. Science, Nanjing, Jiangsu China. **origin institute id:** 1-2-8. **other id:** MAC91-92GH-165. **other id:** NSGC 1186. Breeding Material. Seed.
- PI 574300 **donor id:** PRC-91-SB-5. **origin:** China. **origin institute:** Jiangsu Academy of Agric. Science, Nanjing, Jiangsu China. **cultivar:** KE PIN NO. 7. **other id:** MAC91-92GH-166. **other id:** NSGC 1187. Cultivar. Seed.
- PI 574301 **donor id:** PRC-91-SB-6. **origin:** China. **origin institute:** Jiangsu Academy of Agric. Science, Nanjing, Jiangsu China. **cultivar:** ZHE PI NO. 1. **other id:** MAC91-92GH-167. **other id:** NSGC 1188. Cultivar. Seed.
- PI 574302 **donor id:** PRC-91-SB-7. **origin:** China. **origin institute:** Jiangsu Academy of Agric. Science, Nanjing, Jiangsu China. **other id:** MAC91-92-GH-168. **other id:** NSGC 1189. Breeding Material. Seed.
- PI 574303 **donor id:** PRC-91-SB-8. **origin:** China. **origin institute:** Jiangsu Academy of Agric. Science, Nanjing, Jiangsu China. **origin institute id:** B-23. **other id:** MAC91-92GH-169. **other id:** NSGC 1190. Breeding Material. Seed.
- PI 574304 **donor id:** PRC-91-SB-9. **origin:** China. **origin institute:** Jiangsu Academy of Agric. Science, Nanjing, Jiangsu China. **other id:** MAC91-92GH-170. **other id:** NSGC 1191. Breeding Material. Seed.
- PI 574305 **donor id:** PRC-91-SB-10. **origin:** China. **origin institute:** Jiangsu Academy of Agric. Science, Nanjing, Jiangsu China. **cultivar:** MANO. **other id:** MAC91-92GH-171. **other id:** NSGC 1192. Cultivar. Seed.
- PI 574306 **donor id:** PRC-91-SB-11. **origin:** China. **origin institute:** Jiangsu Academy of Agric. Science, Nanjing, Jiangsu China. **other id:** MAC91-92GH-172. **other id:** NSGC 1193. Breeding Material. Seed.

PI 574307 to 574311. *Hordeum vulgare* L. subsp. *vulgare* POACEAE

Donated by: Yun, R.Z., Qinghai Academy of Agric. & For. Sci., No. 39 Ningzhang Road, Xining, Qinghai, China. Received October 14, 1993.

PI 574307 **origin:** China. **origin institute:** Qinghai Academy of Agric. & For. Sci., Xining, Qinghai China. **other id:** 1. **other id:** NSGC 1315. Cultivar. Seed.

PI 574308 **origin:** China. **origin institute:** Qinghai Academy of Agric. & For. Sci., Xining, Qinghai China. **other id:** 3. **other id:** NSGC 1317. Cultivar. Seed.

PI 574309 **origin:** China. **origin institute:** Qinghai Academy of Agric. & For. Sci., Xining, Qinghai China. **other id:** 4. **other id:** NSGC 1318. Cultivar. Seed.

PI 574310 **origin:** China. **origin institute:** Qinghai Academy of Agric. & For. Sci., Xining, Qinghai China. **other id:** 10. **other id:** NSGC 1319. Cultivar. Seed.

PI 574311 **origin:** China. **origin institute:** Qinghai Academy of Agric. & For. Sci., Xining, Qinghai China. **other id:** 1a. **other id:** NSGC 1320. Cultivar. Seed.

PI 574312 to 574342. *Triticum aestivum* L., nom. cons. POACEAE

Donated by: Machan, F., Cereal Research Institute, Havilckova 2878, Kromeriz 767 41, Czechoslovakia. Received October 14, 1993.

PI 574312 **origin:** Czech Republic. **cultivar:** HANA. **collector:** F. Machan, Cereal Research Institute, Kromeriz. **other id:** NSGC 1321. Cultivar. Seed.

PI 574313 **origin:** Czech Republic. **origin institute:** Cereal Research Institute, Kromeriz, South Moravia Czech Republic. **origin institute id:** KM 578-92. **other id:** NSGC 1323. **remarks:** Spike type: NS-multispikelet. Breeding Material. Seed.

PI 574314 **origin:** Czech Republic. **origin institute:** Cereal Research Institute, Kromeriz, South Moravia Czech Republic. **origin institute id:** KM 712-92. **other id:** NSGC 1324. **remarks:** Spike type: NS-heavy grain. Breeding Material. Seed.

PI 574315 **origin:** Czech Republic. **origin institute:** Cereal Research Institute, Kromeriz, South Moravia Czech Republic. **origin institute id:** KM 719-92. **other id:** NSGC 1325. **remarks:** Spike type: NS-multigrain. Breeding Material. Seed.

PI 574312 to 574342-continued

- PI 574316 **origin:** Czech Republic. **origin institute:** Cereal Research Institute, Kromeriz, South Moravia Czech Republic. **origin institute id:** KM 720-92. **other id:** NSGC 1326. **remarks:** Spike type: NS-multispikelet. Breeding Material. Seed.
- PI 574317 **origin:** Czech Republic. **origin institute:** Cereal Research Institute, Kromeriz, South Moravia Czech Republic. **origin institute id:** KM 736-92. **other id:** NSGC 1327. **remarks:** Spike type: NS-multigrain. Breeding Material. Seed.
- PI 574318 **origin:** Czech Republic. **origin institute:** Cereal Research Institute, Kromeriz, South Moravia Czech Republic. **origin institute id:** KM 739-92. **other id:** NSGC 1328. **remarks:** Spike type: NS-multigrain. Breeding Material. Seed.
- PI 574319 **origin:** Czech Republic. **origin institute:** Cereal Research Institute, Kromeriz, South Moravia Czech Republic. **origin institute id:** KM 760-92. **other id:** NSGC 1329. **remarks:** Spike type: NS-multispikelet. Breeding Material. Seed.
- PI 574320 **origin:** Czech Republic. **origin institute:** Cereal Research Institute, Kromeriz, South Moravia Czech Republic. **origin institute id:** KM 780-92. **other id:** NSGC 1330. **remarks:** Spike type: NS-multispikelet. Breeding Material. Seed.
- PI 574321 **origin:** Czech Republic. **origin institute:** Cereal Research Institute, Kromeriz, South Moravia Czech Republic. **origin institute id:** KM 783-92. **other id:** NSGC 1331. **remarks:** Spike type: NS-heavy grain. Breeding Material. Seed.
- PI 574322 **origin:** Czech Republic. **origin institute:** Cereal Research Institute, Kromeriz, South Moravia Czech Republic. **origin institute id:** KM 796-92. **other id:** NSGC 1332. **remarks:** Spike type: NS-heavy grain. Breeding Material. Seed.
- PI 574323 **origin:** Czech Republic. **origin institute:** Cereal Research Institute, Kromeriz, South Moravia Czech Republic. **origin institute id:** KM 797-92. **other id:** NSGC 1333. **remarks:** Spike type: NS-heavy grain. Breeding Material. Seed.

PI 574312 to 574342-continued

- PI 574324 **origin:** Czech Republic. **origin institute:** Cereal Research Institute, Kromeriz, South Moravia Czech Republic. **origin institute id:** KM 803-92. **other id:** NSGC 1334. **remarks:** Spike type: NS-multigrain. Breeding Material. Seed.
- PI 574325 **origin:** Czech Republic. **origin institute:** Cereal Research Institute, Kromeriz, South Moravia Czech Republic. **origin institute id:** KM 649/2-92. **other id:** NSGC 1337. **remarks:** Spike type: TSS-multispikelet. Breeding Material. Seed.
- PI 574326 **origin:** Czech Republic. **origin institute:** Cereal Research Institute, Kromeriz, South Moravia Czech Republic. **origin institute id:** KM 653-92. **other id:** NSGC 1339. **remarks:** Spike type: TSS-heavy grain. Breeding Material. Seed.
- PI 574327 **origin:** Czech Republic. **origin institute:** Cereal Research Institute, Kromeriz, South Moravia Czech Republic. **origin institute id:** KM 655/1-92. **other id:** NSGC 1340. **remarks:** Spike type: TSS-multigrain. Breeding Material. Seed.
- PI 574328 **origin:** Czech Republic. **origin institute:** Cereal Research Institute, Kromeriz, South Moravia Czech Republic. **origin institute id:** KM 657/2-92. **other id:** NSGC 1341. **remarks:** Spike type: TSS-multigrain. Breeding Material. Seed.
- PI 574329 **origin:** Czech Republic. **origin institute:** Cereal Research Institute, Kromeriz, South Moravia Czech Republic. **origin institute id:** KM 664/2-92. **other id:** NSGC 1342. **remarks:** Spike type: TSS-heavy grain. Breeding Material. Seed.
- PI 574330 **origin:** Czech Republic. **origin institute:** Cereal Research Institute, Kromeriz, South Moravia Czech Republic. **origin institute id:** KM 669-92. **other id:** NSGC 1343. **remarks:** Spike type: TSS-multigrain. Breeding Material. Seed.
- PI 574331 **origin:** Czech Republic. **origin institute:** Cereal Research Institute, Kromeriz, South Moravia Czech Republic. **origin institute id:** KM 670/2-92. **other id:** NSGC 1344. **remarks:** Spike type: TSS-multispikelet. Breeding Material. Seed.

PI 574312 to 574342-continued

- PI 574332 **origin:** Czech Republic. **origin institute:** Cereal Research Institute, Kromeriz, South Moravia Czech Republic. **origin institute id:** KM 576-92. **other id:** NSGC 1345. **remarks:** Spike type: VSS-multigrain. Breeding Material. Seed.
- PI 574333 **origin:** Czech Republic. **origin institute:** Cereal Research Institute, Kromeriz, South Moravia Czech Republic. **origin institute id:** KM 586-92. **other id:** NSGC 1346. **remarks:** Spike type: VSS-multispikelet. Breeding Material. Seed.
- PI 574334 **origin:** Czech Republic. **origin institute:** Cereal Research Institute, Kromeriz, South Moravia Czech Republic. **origin institute id:** KM 592-92. **other id:** NSGC 1347. **remarks:** Spike type: VSS-heavy grain. Breeding Material. Seed.
- PI 574335 **origin:** Czech Republic. **origin institute:** Cereal Research Institute, Kromeriz, South Moravia Czech Republic. **origin institute id:** KM 608-92. **other id:** NSGC 1348. **remarks:** Spike type: VSS-multigrain. Breeding Material. Seed.
- PI 574336 **origin:** Czech Republic. **origin institute:** Cereal Research Institute, Kromeriz, South Moravia Czech Republic. **origin institute id:** KM 617-92. **other id:** NSGC 1349. **remarks:** Spike type: VSS-heavy grain. Breeding Material. Seed.
- PI 574337 **origin:** Czech Republic. **origin institute:** Cereal Research Institute, Kromeriz, South Moravia Czech Republic. **origin institute id:** KM 619-92. **other id:** NSGC 1350. **remarks:** Spike type: VSS-multispikelet. Breeding Material. Seed.
- PI 574338 **origin:** Czech Republic. **origin institute:** Cereal Research Institute, Kromeriz, South Moravia Czech Republic. **origin institute id:** KM 620-92. **other id:** NSGC 1351. **remarks:** Spike type: VSS-multigrain. Breeding Material. Seed.
- PI 574339 **origin:** Czech Republic. **origin institute:** Cereal Research Institute, Kromeriz, South Moravia Czech Republic. **origin institute id:** KM 633-92. **other id:** NSGC 1352. **remarks:** Spike type: VSS-multispikelet. Breeding Material. Seed.

PI 574312 to 574342-continued

PI 574340 **origin:** Czech Republic. **origin institute:** Cereal Research Institute, Kromeriz, South Moravia Czech Republic. **origin institute id:** KM 740-92. **other id:** NSGC 1353. **remarks:** Spike type: VSS-multigrain. Breeding Material. Seed.

PI 574341 **origin:** Czech Republic. **origin institute:** Cereal Research Institute, Kromeriz, South Moravia Czech Republic. **origin institute id:** KM 757-92. **other id:** NSGC 1354. **remarks:** Spike type: VSS-heavy grain. Breeding Material. Seed.

PI 574342 **origin:** Czech Republic. **origin institute:** Cereal Research Institute, Kromeriz, South Moravia Czech Republic. **origin institute id:** KM 773-92. **other id:** NSGC 1355. **remarks:** Spike type: VSS-heavy grain. Breeding Material. Seed.

PI 574343. *Hordeum vulgare* L. subsp. *vulgare* POACEAE

Donated by: IBPGR, Rome, Italy. Received October 14, 1993.

origin: Saudi Arabia. **collector:** L. Guarino, IBPGR. **collector id:** 15050. **other id:** NSGC 1378. Cultivated. Seed.

PI 574344 to 574350. *Triticum aestivum* L., nom. cons. POACEAE

Donated by: IBPGR, Rome, Italy. Received October 14, 1993.

PI 574344 **origin:** Saudi Arabia. **collector:** L. Guarino, IBPGR. **collector id:** 15023. **other id:** NSGC 1373. Cultivated. Seed.

PI 574345 **origin:** Saudi Arabia. **collector:** L. Guarino, IBPGR. **collector id:** 15034. **other id:** NSGC 1374. Cultivated. Seed.

PI 574346 **origin:** Saudi Arabia. **collector:** L. Guarino, IBPGR. **collector id:** 15037. **other id:** NSGC 1375. Cultivated. Seed.

PI 574347 **origin:** Saudi Arabia. **collector:** L. Guarino, IBPGR. **collector id:** 15039. **other id:** NSGC 1376. Cultivated. Seed.

PI 574348 **origin:** Saudi Arabia. **collector:** L. Guarino, IBPGR. **collector id:** 15040. **other id:** NSGC 1377. Cultivated. Seed.

PI 574344 to 574350-continued

PI 574349 **origin:** Saudi Arabia. **collector:** L. Guarino, IBPGR.
collector id: 15059. **other id:** NSGC 1379. Cultivated.
Seed.

PI 574350 **origin:** Saudi Arabia. **collector:** L. Guarino, IBPGR.
collector id: 15067. **other id:** NSGC 1380. Cultivated.
Seed.

PI 574351 to 574355. *Triticum durum* Desf. POACEAE

Donated by: IBPGR, Rome, Italy. Received October 14, 1993.

PI 574351 **origin:** Saudi Arabia. **collector:** L. Guarino, IBPGR.
collector id: 15024. **other id:** NSGC 1361. Cultivated.
Seed.

PI 574352 **origin:** Saudi Arabia. **collector:** L. Guarino, IBPGR.
collector id: 15036. **other id:** NSGC 1365. Cultivated.
Seed.

PI 574353 **origin:** Saudi Arabia. **collector:** L. Guarino, IBPGR.
collector id: 15046. **other id:** NSGC 1368. Cultivated.
Seed.

PI 574354 **origin:** Saudi Arabia. **collector:** L. Guarino, IBPGR.
collector id: 15048. **other id:** NSGC 1369. Cultivated.
Seed.

PI 574355 **origin:** Saudi Arabia. **collector:** L. Guarino, IBPGR.
collector id: 15089. **other id:** NSGC 1371. Cultivated.
Seed.

PI 574356 to 574381. *Triticum aestivum* L., nom. cons. POACEAE

Donated by: IBPGR, Rome, Italy. Received October 14, 1993.

PI 574356 **origin:** Yemen. **collected:** 1988. **collector:** L. Guarino,
IBPGR. **collector id:** 1097. **other id:** NSGC 1384.
locality: PDR South Yemen. Cultivated. Seed.

PI 574357 **origin:** Yemen. **collected:** 1988. **collector:** L. Guarino,
IBPGR. **collector id:** 1130. **other id:** NSGC 1386.
locality: PDR South Yemen. Cultivated. Seed.

PI 574358 **origin:** Yemen. **collected:** 1988. **collector:** L. Guarino,
IBPGR. **collector id:** 1133. **other id:** NSGC 1387.
locality: PDR South Yemen. Cultivated. Seed.

PI 574356 to 574381-continued

- PI 574359 **origin:** Yemen. **collected:** 1988. **collector:** L. Guarino, IBPGR. **collector id:** 1137. **other id:** NSGC 1388. **locality:** PDR South Yemen. Cultivated. Seed.
- PI 574360 **origin:** Yemen. **collected:** 1988. **collector:** L. Guarino, IBPGR. **collector id:** 1138. **other id:** NSGC 1389. **locality:** PDR South Yemen. Cultivated. Seed.
- PI 574361 **origin:** Yemen. **collected:** 1988. **collector:** L. Guarino, IBPGR. **collector id:** 1140. **other id:** NSGC 1390. **locality:** PDR South Yemen. Cultivated. Seed.
- PI 574362 **origin:** Yemen. **collected:** 1988. **collector:** L. Guarino, IBPGR. **collector id:** 1142. **other id:** NSGC 1391. **locality:** PDR South Yemen. Cultivated. Seed.
- PI 574363 **origin:** Yemen. **collected:** 1988. **collector:** L. Guarino, IBPGR. **collector id:** 1147. **other id:** NSGC 1392. **locality:** PDR South Yemen. Cultivated. Seed.
- PI 574364 **origin:** Yemen. **collected:** 1988. **collector:** L. Guarino, IBPGR. **collector id:** 1149. **other id:** NSGC 1393. **locality:** PDR South Yemen. Cultivated. Seed.
- PI 574365 **origin:** Yemen. **collected:** 1988. **collector:** L. Guarino, IBPGR. **collector id:** 1151. **other id:** NSGC 1394. **locality:** PDR South Yemen. Cultivated. Seed.
- PI 574366 **origin:** Yemen. **collected:** 1988. **collector:** L. Guarino, IBPGR. **collector id:** 1152. **other id:** NSGC 1395. **locality:** PDR South Yemen. Cultivated. Seed.
- PI 574367 **origin:** Yemen. **collected:** 1988. **collector:** L. Guarino, IBPGR. **collector id:** 1155. **other id:** NSGC 1396. **locality:** PDR South Yemen. Cultivated. Seed.
- PI 574368 **origin:** Yemen. **collected:** 1988. **collector:** L. Guarino, IBPGR. **collector id:** 1157. **other id:** NSGC 1397. **locality:** PDR South Yemen. Cultivated. Seed.
- PI 574369 **origin:** Yemen. **collected:** 1988. **collector:** L. Guarino, IBPGR. **collector id:** 1160. **other id:** NSGC 1398. **locality:** PDR South Yemen. Cultivated. Seed.
- PI 574370 **origin:** Yemen. **collected:** 1988. **collector:** L. Guarino, IBPGR. **collector id:** 1161. **other id:** NSGC 1399. **locality:** PDR South Yemen. Cultivated. Seed.
- PI 574371 **origin:** Yemen. **collected:** 1988. **collector:** L. Guarino, IBPGR. **collector id:** 1164. **other id:** NSGC 1400. **locality:** PDR South Yemen. Cultivated. Seed.

PI 574356 to 574381-continued

- PI 574372 **origin:** Yemen. **collected:** 1988. **collector:** L. Guarino, IBPGR. **collector id:** 1169. **other id:** NSGC 1401. **locality:** PDR South Yemen. Cultivated. Seed.
- PI 574373 **origin:** Yemen. **collected:** 1988. **collector:** L. Guarino, IBPGR. **collector id:** 1170. **other id:** NSGC 1402. **locality:** PDR South Yemen. Cultivated. Seed.
- PI 574374 **origin:** Yemen. **collected:** 1988. **collector:** L. Guarino, IBPGR. **collector id:** 1171. **other id:** NSGC 1403. **locality:** PDR South Yemen. Cultivated. Seed.
- PI 574375 **origin:** Yemen. **collected:** 1988. **collector:** L. Guarino, IBPGR. **collector id:** 1172. **other id:** NSGC 1404. **locality:** PDR South Yemen. Cultivated. Seed.
- PI 574376 **origin:** Yemen. **collected:** 1988. **collector:** L. Guarino, IBPGR. **collector id:** 1173. **other id:** NSGC 1405. **locality:** PDR South Yemen. Cultivated. Seed.
- PI 574377 **origin:** Yemen. **collected:** 1988. **collector:** L. Guarino, IBPGR. **collector id:** 1177. **other id:** NSGC 1406. **locality:** PDR South Yemen. Cultivated. Seed.
- PI 574378 **origin:** Yemen. **collected:** 1988. **collector:** L. Guarino, IBPGR. **collector id:** 1182. **other id:** NSGC 1407. **locality:** PDR South Yemen. Cultivated. Seed.
- PI 574379 **origin:** Yemen. **collected:** 1988. **collector:** L. Guarino, IBPGR. **collector id:** 1183. **other id:** NSGC 1408. **locality:** PDR South Yemen. Cultivated. Seed.
- PI 574380 **origin:** Yemen. **collected:** 1988. **collector:** L. Guarino, IBPGR. **collector id:** 1184. **other id:** NSGC 1409. **locality:** PDR South Yemen. Cultivated. Seed.
- PI 574381 **origin:** Yemen. **collected:** 1988. **collector:** L. Guarino, IBPGR. **collector id:** 1188. **other id:** NSGC 1410. **locality:** PDR South Yemen. Cultivated. Seed.

PI 574382 to 574383. *Pennisetum glaucum* (L.) R. Br. POACEAE Pearl millet

Donated by: Andrew, D.J., University of Nebraska-Lincoln, Dept. of Agronomy, Lincoln, Nebraska 68583-0915, United States. Received October 15, 1993.

PI 574382 **origin:** United States. **cultivar:** NPM-1. **pedigree:** Fourteen selfed plants from selected S1 progenies from the Nebraska Dwarf Pearl Millet Population which contained germplasm from Senegal and Uganda, were random-mating for 3 cycles using 10% gridded mass selection. **other id:** MLS. **remarks:** Early maturing dwarf grain population produced in Nebraska. Averaged 58 days to anthesis. Height 117cm tall in 16 regional tests where its grain yields averaged 2.66 Mg/ha-1. The topcross with ms2068A1 was mostly male-fertile and yielded 28% more. Grain gray/brown, weighing 0.95g/100. May be used as a variety or a source from which A1 restorer lines can be extracted. Spring Annual. Breeding Material. Seed.

PI 574383 **origin:** United States. **cultivar:** NPM-2. **pedigree:** Seven high-tillering selfed plants from selected S1 progenies from the Nebraska Dwarf Pearl Millet Population which contained germplasm from Senegal and Uganda, were random-mating for 3 cycles using 10% gridded mass selection. **other id:** EDS. **remarks:** Very early maturing dwarf grain population produced in Nebraska. Averaged 56 days to anthesis. Height 100cm tall in 16 regional tests, where its grain yields averaged 2.44 Mg/ha-1. The topcross with ms2068A1 was mostly male-fertile and yielded 33% more. May be used as a variety or a source from which early A1 restorer lines can be extracted. Spring Annual. Breeding Material. Seed.

PI 574384. *Cuphea lanceolata* Aiton f. LYTHRACEAE

Donated by: Knapp, S.J., Oregon Agr. Exp. Sta., Oregon State University, Corvallis, Oregon 97331-3002, United States. **remarks:** LN-183 *Cuphea*. Received October 15, 1993.

origin: United States. **developed:** J.M. Crane, D.M. Webb, L.A. Tagliani, S.J. Knapp. **origin institute:** Oregon Agr. Exp. Sta., Oregon State University, Dept. of Crop and Soil Science, Corvallis, Oregon 97331 United States. **cultivar:** LN-183. **pedigree:** Three cycles of recurrent mass selection for complete non-dormancy in the open-pollinated *Cuphea lanceolata* population LN-148. **other id:** GP-4. **group:** CSR-OTHER OILSEEDS. **restricted:** CSR. **remarks:** Fully non-dormant open-pollinated population. Developed from 3 cycles of recurrent selection for germination without after-ripening. Germination percentages of freshly harvested seed usually exceed 80%. Other *C. lanceolata* lines and populations must be stored for four or more weeks before these germination percentages are achieved. Breeding Material. Seed.

PI 574385. *Solanum tabanoense* Correll SOLANACEAE Potato

Donated by: Spooner, David, USDA-ARS, University of Wisconsin, Department of Horticulture, Madison, Wisconsin 53706, United States. Received October 09, 1992.

origin: Colombia. **other id:** BE-4266. **source:** APHIS.
other id: Q 29338. Annual. Seed.

PI 574386. *Triticum turgidum* L. POACEAE Durum wheat

Donated by: Farmers Marketing Corporation, United States. Received October 20, 1993.

origin: United States. **origin institute:** Farmers Marketing Corporation United States. **cultivar:** DUROSTAR. **other id:** PVP 9300256. **source:** Pending. **group:** PVPO. **patent:** PVPO. Cultivar. Seed.

PI 574387. *Triticum turgidum* L. POACEAE Durum wheat

Donated by: Farmers Marketing Corporation, United States. Received October 20, 1993.

origin: United States. **origin institute:** Farmers Marketing Corporation United States. **cultivar:** BRAVADUR. **other id:** PVP 9300257. **source:** Pending. **group:** PVPO. **patent:** PVPO. Cultivar. Seed.

PI 574388. X *Triticosecale* sp. POACEAE Spring triticale

Donated by: Fred C. and Nancy A. Elliott, United States. Received October 20, 1993.

origin: United States. **origin institute:** Fred C. and Nancy A. Elliott United States. **cultivar:** NORICO. **other id:** PVP 9300259. **source:** Pending. **group:** PVPO. **patent:** PVPO. Cultivar. Seed.

PI 574389. *Triticum turgidum* L. POACEAE Durum wheat

Donated by: Farmers Marketing Corporation, United States. Received October 20, 1993.

origin: United States. **origin institute:** Farmers Marketing Corporation United States. **cultivar:** DIAVOLO DURO. **other id:** PVP 9300260. **source:** Pending. **group:** PVPO. **patent:** PVPO. Cultivar. Seed.

PI 574390. Zea mays L. subsp. mays POACEAE Field corn

Donated by: Holden's Foundation Seeds, Inc., United States.
Received October 20, 1993.

origin: United States. **origin institute:** Holden's
Foundation Seeds, Inc. United States. **cultivar:** LH218.
other id: PVP 9300300. **source:** Pending. **group:** PVPO.
patent: PVPO. Cultivar. Seed.

PI 574391. Zea mays L. subsp. mays POACEAE Field corn

Donated by: Holden's Foundation Seeds, Inc., United States.
Received October 20, 1993.

origin: United States. **origin institute:** Holden's
Foundation Seeds, Inc. United States. **cultivar:** LH225.
other id: PVP 9300301. **source:** Pending. **group:** PVPO.
patent: PVPO. Cultivar. Seed.

PI 574392. X Triticosecale sp. POACEAE Spring triticale

Donated by: Fred C. and Nancy A. Elliott, United States. Received
October 20, 1993.

origin: United States. **origin institute:** Fred C. and
Nancy A. Elliott United States. **cultivar:** COMPANION.
other id: PVP 9300303. **source:** Pending. **group:** PVPO.
patent: PVPO. Cultivar. Seed.

PI 574393. Zea mays L. subsp. mays POACEAE Field corn

Donated by: Zeneca, Ltd., United States. Received October 20, 1993.

origin: United States. **origin institute:** Zeneca, Ltd.
United States. **cultivar:** ZS365. **other id:** PVP 9300304.
source: Pending. **group:** PVPO. **patent:** PVPO. Cultivar.
Seed.

PI 574394. Zea mays L. subsp. mays POACEAE Field corn

Donated by: Zeneca, Ltd., United States. Received October 20, 1993.

origin: United States. **origin institute:** Zeneca, Ltd.
United States. **cultivar:** ZS635. **other id:** PVP 9300305.
source: Pending. **group:** PVPO. **patent:** PVPO. Cultivar.
Seed.

PI 574395. *Festuca longifolia* Thuill. POACEAE Hard fescue

Donated by: Seed Research of Oregon, Inc., United States. Received October 20, 1993.

origin: United States. **origin institute:** Seed Research of Oregon, Inc. United States. **cultivar:** SR 3100. **other id:** PVP 9300307. **source:** Pending. **group:** PVPO. **patent:** PVPO. Cultivar. Seed.

PI 574396. *Avena sativa* L. POACEAE Oat

Donated by: Frederick B. Ledebuer, United States. Received October 20, 1993.

origin: United States. **origin institute:** Frederick B. Ledebuer United States. **cultivar:** MAGNUM II. **other id:** PVP 9300308. **source:** Pending. **group:** PVPO. **patent:** PVPO. Cultivar. Seed.

PI 574397. *Sorghum bicolor* (L.) Moench POACEAE Sorghum

Donated by: Pioneer Hi-Bred International, Inc., United States. Received October 20, 1993.

origin: United States. **origin institute:** Pioneer Hi-Bred International, Inc. United States. **cultivar:** PHA391. **other id:** PVP 9300309. **source:** Pending. **group:** PVPO. **patent:** PVPO. Cultivar. Seed.

PI 574398. *Sorghum bicolor* (L.) Moench POACEAE Sorghum

Donated by: Pioneer Hi-Bred International, Inc., United States. Received October 20, 1993.

origin: United States. **origin institute:** Pioneer Hi-Bred International, Inc. United States. **cultivar:** PHA651. **other id:** PVP 9300310. **source:** Pending. **group:** PVPO. **patent:** PVPO. Cultivar. Seed.

PI 574399. *Lolium perenne* L. POACEAE Perennial ryegrass

Donated by: John R. Koos & Sons, United States. Received October 20, 1993.

origin: United States. **origin institute:** John R. Koos & Sons United States. **cultivar:** BUCCANEER. **other id:** PVP 9300311. **source:** Pending. **group:** PVPO. **patent:** PVPO. Cultivar. Seed.

PI 574400. *Lolium perenne* L. POACEAE Perennial ryegrass

Donated by: John R. Koos & Sons, United States. Received October 20, 1993.

origin: United States. **origin institute:** John R. Koos & Sons United States. **cultivar:** KOOS 90-2. **other id:** PVP 9300312. **source:** Pending. **group:** PVPO. **patent:** PVPO. Cultivar. Seed.

PI 574401. *Lobelia erinus* L. CAMPANULACEAE Lobelia

Donated by: Waller Flowerseed Company, United States. Received October 20, 1993.

origin: United States. **origin institute:** Waller Flowerseed Company United States. **cultivar:** RIVIERA LILAC. **other id:** PVP 9300313. **source:** Pending. **group:** PVPO. **patent:** PVPO. Cultivar. Seed.

PI 574402. *Trachelium caeruleum* L. CAMPANULACEAE Trachelium

Donated by: PanAmerican Seed Company, United States. Received October 20, 1993.

origin: United States. **origin institute:** PanAmerican Seed Company United States. **cultivar:** LAKE AVALON. **other id:** PVP 9300314. **source:** Pending. **group:** PVPO. **patent:** PVPO. Cultivar. Seed.

PI 574403. *Trachelium caeruleum* L. CAMPANULACEAE Trachelium

Donated by: PanAmerican Seed Company, United States. Received October 20, 1993.

origin: United States. **origin institute:** PanAmerican Seed Company United States. **cultivar:** LAKE POWELL. **other id:** PVP 9300315. **source:** Pending. **group:** PVPO. **patent:** PVPO. Cultivar. Seed.

PI 574404. *Trachelium caeruleum* L. CAMPANULACEAE Trachelium

Donated by: PanAmerican Seed Company, United States. Received October 20, 1993.

origin: United States. **origin institute:** PanAmerican Seed Company United States. **cultivar:** LAKE SUPERIOR. **other id:** PVP 9300316. **source:** Pending. **group:** PVPO. **patent:** PVPO. Cultivar. Seed.

PI 574405. *Triticum aestivum* L., nom. cons. POACEAE Wheat

Donated by: AgriPro Biosciences Inc., United States. Received October 20, 1993.

origin: United States. **origin institute:** AgriPro Biosciences Inc., Shawnee Mission, Kansas 66204 United States. **origin institute id:** N87-0306. **cultivar:** SONJA. **pedigree:** HS81-0074/MN7357. **other id:** PVP 9400001. **source:** Pending. **group:** PVPO. **patent:** PVPO. **remarks:** Sonja is adapted to North Dakota, South Dakota, and Minnesota. It is moderately resistant to the prevalent races of stem rust. Cultivar. Seed.

PI 574406. *Sorghum bicolor* (L.) Moench POACEAE Sorghum

Donated by: Pioneer Hi-Bred International, Inc., United States. Received October 20, 1993.

origin: United States. **origin institute:** Pioneer Hi-Bred International, Inc. United States. **cultivar:** PHA151. **other id:** PVP 9400002. **source:** Pending. **group:** PVPO. **patent:** PVPO. Cultivar. Seed.

PI 574407. *Sorghum bicolor* (L.) Moench POACEAE Sorghum

Donated by: Pioneer Hi-Bred International, Inc., United States. Received October 20, 1993.

origin: United States. **origin institute:** Pioneer Hi-Bred International, Inc. United States. **cultivar:** PHB151. **other id:** PVP 9400003. **source:** Pending. **group:** PVPO. **patent:** PVPO. Cultivar. Seed.

PI 574408. *Lactuca sativa* L. ASTERACEAE Lettuce

Donated by: Arthur Yates & Co. Ltd., United States. Received October 20, 1993.

origin: United States. **origin institute:** Arthur Yates & Co., Ltd. United States. **cultivar:** MARKSMAN. **other id:** PVP 9400004. **source:** Pending. **group:** PVPO. **patent:** PVPO. Cultivar. Seed.

PI 574409 to 574449. *Oryza sativa* L. POACEAE Rice

Donated by: National Rice Research Centre, Strada Percetto 27030, Castello D'Arogn, Italy. Received July 29, 1992.

PI 574409 to 574449-continued

- PI 574409 **origin:** Italy. **origin institute:** Saiagricola S.P.A., Via Marengo 15, Torino, Piedmont 10126 Italy. **cultivar:** ALBA. **pedigree:** Europa/Rubino. **other id:** BE-4116. **other id:** Q 29253. Annual. Cultivar. Seed.
- PI 574410 **origin:** Italy. **origin institute:** Esercizio Sementi SRL, Via R. Casalino, Vercelli, Piedmont 13100 Italy. **cultivar:** ALFA. **pedigree:** selection from Balilla. **other id:** BE-4116. **other id:** Q 29254. Annual. Cultivar. Seed.
- PI 574411 **origin:** Italy. **origin institute:** Valle Agricola Tarditi e Ferrando, Via Nazionale 43, Cerrina AL 15020 Italy. **cultivar:** ARTIGLIO. **other id:** BE-4116. **other id:** Q 29257. Annual. Cultivar. Seed.
- PI 574412 **origin:** Italy. **origin institute:** S.I.S. Societa Italiana Sementi S.P.A., Via Marconi 43, Bologna, Emilia-Romagna 40122 Italy. **cultivar:** BALI. **pedigree:** Balilla/Sisfor L369. **other id:** BE-4116. **other id:** Q 29258. Annual. Cultivar. Seed.
- PI 574413 **origin:** Italy. **origin institute:** Esercizio Sementi SRL, Via R. Casalino, Vercelli, Piedmont 13100 Italy. **cultivar:** BELGIOIOSO. **pedigree:** Vialone/Carnaroli. **other id:** BE-4116. **other id:** Q 29259. Annual. Cultivar. Seed.
- PI 574414 **origin:** Italy. **origin institute:** Esercizio Sementi SRL, Via R. Casalino, Vercelli, Piedmont 13100 Italy. **cultivar:** BONNET BELL. **pedigree:** mutation in Anseatico. **other id:** BE-4116. **other id:** Q 29260. Annual. Cultivar. Seed.
- PI 574415 **origin:** Italy. **origin institute:** S.I.S. Societa Italiana Sementi S.P.A., Via Marconi 43, Bologna, Emilia-Romagna 40122 Italy. **cultivar:** CERVO. **pedigree:** Rinaldo Bersani/Roma. **other id:** BE-4116. **other id:** Q 29262. Annual. Cultivar. Seed.
- PI 574416 **origin:** Italy. **origin institute:** Ente Nazionale Risi, Piazza Pio XI-1, Milano, Lombardy 20123 Italy. **cultivar:** DEDALO. **pedigree:** Veneria/Lebonnet. **other id:** BE-4116. **other id:** Q 29263. Annual. Cultivar. Seed.
- PI 574417 **origin:** Italy. **origin institute:** Ente Nazionale Risi, Piazza Pio XI-1, Milano, Lombardy 20123 Italy. **cultivar:** DRAGO. **pedigree:** Nano/Zenith 365-63//Bahia. **other id:** BE-4116. **other id:** Q 29264. Annual. Cultivar. Seed.

PI 574409 to 574449-continued

- PI 574418 **origin:** Italy. **origin institute:** L. Leonardo Emiliana Veneta Frumenti SRL, Via Bertarino 8, Tortona AL, Piedmont 15057 Italy. **cultivar:** ELBA. **other id:** BE-4116. **other id:** Q 29265. Annual. Cultivar. Seed.
- PI 574419 **origin:** Italy. **origin institute:** Ente Nazionale Risi, Piazza Pio XI-1, Milano, Lombardy 20123 Italy. **cultivar:** ELIO. **pedigree:** Raffaello/Balilla. **other id:** BE-4116. **other id:** Q 29266. Annual. Cultivar. Seed.
- PI 574420 **origin:** Italy. **origin institute:** L. Leonardo Emiliana Veneta Frumenti SRL, Via Bertarino 8, Tortona AL, Piedmont 15057 Italy. **cultivar:** ELVO. **other id:** BE-4116. **other id:** Q 29267. Annual. Cultivar. Seed.
- PI 574421 **origin:** Italy. **origin institute:** Esercizio Sementi SRL, Via R. Casalino, Vercelli, Piedmont 13100 Italy. **cultivar:** EUROSE. **other id:** BE-4116. **other id:** Q 29268. Annual. Cultivar. Seed.
- PI 574422 **origin:** Italy. **origin institute:** Almo SRL, Via R. Sanzio 20, Mortara PV, Lombardy 27036 Italy. **cultivar:** GITANO. **other id:** BE-4116. **other id:** Q 29269. Annual. Cultivar. Seed.
- PI 574423 **origin:** Italy. **origin institute:** Ente Nazionale Risi, Piazza Pio XI-1, Milano, Lombardy 20123 Italy. **cultivar:** IDRA. **pedigree:** Lido/L201. **other id:** BE-4116. **other id:** Q 29273. Annual. Cultivar. Seed.
- PI 574424 **origin:** Italy. **origin institute:** Italico Roncarolo, S. Giacomo Vercelles 13030 Italy. **cultivar:** ITALICO RONCAROLO. **pedigree:** Roncarolo/Pierrot. **other id:** BE-4116. **other id:** Q 29275. Annual. Cultivar. Seed.
- PI 574425 **origin:** Italy. **origin institute:** L. Leonardo Emiliana Veneta Frumenti SRL, Via Bertarino 8, Tortona AL, Piedmont 15057 Italy. **cultivar:** LAGO. **other id:** BE-4116. **other id:** Q 29276. Annual. Cultivar. Seed.
- PI 574426 **origin:** Italy. **origin institute:** Almo SRL, Via R. Sanzio 20, Mortara PV, Lombardy 27036 Italy. **cultivar:** LOMELLINO. **other id:** BE-4116. **other id:** Q 29277. Annual. Cultivar. Seed.
- PI 574427 **origin:** Italy. **origin institute:** S.I.S. Societa Italiana Sementi S.P.A., Via Marconi 43, Bologna, Emilia-Romagna 40122 Italy. **cultivar:** LOTO. **pedigree:** Lido/SIS L546. **other id:** Be-4116. **other id:** Q 29278. Annual. Cultivar. Seed.

PI 574409 to 574449-continued

- PI 574428 **origin:** Italy. **origin institute:** Ente Nazionale Risi, Piazza Pio XI-1, Milano, Lombardy 20123 Italy. **cultivar:** MEDUSA. **pedigree:** Nano/Zenith 365-63//Bahia. **other id:** BE-4116. **other id:** Q 29279. Annual. Cultivar. Seed.
- PI 574429 **origin:** Italy. **origin institute:** S.I.S. Societa Italiana Sementi S.P.A., Via Marconi 43, Bologna, Emilia-Romagna 40122 Italy. **cultivar:** MIARA. **pedigree:** Dosel/Sisfor L661. **other id:** BE-4116. **other id:** Q 29280. Annual. Cultivar. Seed.
- PI 574430 **origin:** Italy. **origin institute:** Ente Nazionale Risi, Piazza Pio XI-1, Milano, Lombardy 20123 Italy. **cultivar:** MIDA. **pedigree:** Veneria/Lebonnet. **other id:** BE-4116. **other id:** Q 29281. Annual. Cultivar. Seed.
- PI 574431 **origin:** Italy. **origin institute:** S.I.S. Societa Italiana Sementi S.P.A., Via Marconi 43, Bologna, Emilia-Romagna 40122 Italy. **cultivar:** MOLO. **pedigree:** Roma/Sisfor L234. **other id:** BE-4116. **other id:** Q 29282. Annual. Cultivar. Seed.
- PI 574432 **origin:** Italy. **origin institute:** L. Leonardo Emiliana Frumenti SRL, Via Bertarino 8, Tortona AL, Piedmont 15057 Italy. **cultivar:** NIBBIO. **other id:** BE-4116. **other id:** Q 29283. Annual. Cultivar. Seed.
- PI 574433 **origin:** Italy. **origin institute:** S.I.S. Societa Italiana Sementi S.P.A., Via Marconi 43, Bologna, Emilia-Romagna 40122 Italy. **cultivar:** ONDA. **pedigree:** Volano/Italpatna. **other id:** BE-4116. **other id:** Q 29285. Annual. Cultivar. Seed.
- PI 574434 **origin:** Italy. **origin institute:** Ente Nazionale Risi, Piazza Pio XI-1, Milano, Lombardy 20123 Italy. **cultivar:** PEGASO. **pedigree:** Veneria/Lebonnet. **other id:** BE-4116. **other id:** Q 29287. Annual. Cultivar. Seed.
- PI 574435 **origin:** Italy. **origin institute:** Valle Agricola Tarditi e Ferrando, Via Nazionale 43, Cerrina AL 15020 Italy. **cultivar:** PREVER. **other id:** BE-4116. **other id:** Q 29288. Annual. Cultivar. Seed.
- PI 574436 **origin:** Italy. **origin institute:** Ente Nazionale Risi, Piazza Pio XI-1, Milano, Lombardy 20123 Italy. **cultivar:** PROMETEO. **pedigree:** Ardizzone/raffaello. **other id:** BE-4116. **other id:** Q 29289. Annual. Cultivar. Seed.

PI 574409 to 574449-continued

- PI 574437 **origin:** Italy. **origin institute:** S.I.S. Societa Italiana Sementi S.P.A., Via Marconi 43, Bologna, Emilia-Romagna 40122 Italy. **cultivar:** RIO. **pedigree:** Balilla/Anseatico. **other id:** BE-4116. **other id:** Q 29290. Annual. Cultivar. Seed.
- PI 574438 **origin:** Italy. **origin institute:** S.I.S. Societa Italiana Sementi S.P.A., Via Marconi 43, Bologna, Emilia-Romagna 40122 Italy. **cultivar:** RIVA. **pedigree:** Europa/Anseatico. **other id:** BE-4116. **other id:** Q 29291. Annual. Cultivar. Seed.
- PI 574439 **origin:** Italy. **origin institute:** Societa Produttori Sementi Bologna S.P.A, Galleria del Reno 3, Bologna, Emilia-Romagna 40122 Italy. **cultivar:** SAN PETRONIO. **pedigree:** selection from Balilla G.G. **other id:** BE-4116. **other id:** Q 29293. Annual. Cultivar. Seed.
- PI 574440 **origin:** Italy. **origin institute:** Ente Nazionale Risi, Piazza Pio XI-1, Milano, Lombardy 20123 Italy. **cultivar:** SELENIO. **pedigree:** Balilla/Glutinoso P28. **other id:** BE-4116. **other id:** Q 29294. Annual. Cultivar. Seed.
- PI 574441 **origin:** Italy. **origin institute:** Aldo Grassi, Via XXV Aprile, Vespolate NO 28079 Italy. **cultivar:** SILLA. **pedigree:** selection from Rocca. **other id:** BE-4116. **other id:** Q 29295. Annual. Cultivar. Seed.
- PI 574442 **origin:** Italy. **origin institute:** Aldo Grassi, Via XXV Aprile, Vespolate NO 28079 Italy. **cultivar:** SIRIO. **pedigree:** selection from Gritna. **other id:** BE-4116. **other id:** Q 29296. Annual. Cultivar. Seed.
- PI 574443 **origin:** Italy. **origin institute:** Sa.Pi.Se. Sardo Piemontese Sementi, Via G. Mameli 7, Vercelli, Piedmont 13100 Italy. **cultivar:** SMERALDO. **pedigree:** Mondiale/Nano. **other id:** BE-4116. **other id:** Q 29297. Annual. Cultivar. Seed.
- PI 574444 **origin:** Italy. **origin institute:** Esercizio Sementi SRL, Via R. Casalino, Vercelli, Piedmont 13100 Italy. **cultivar:** SORRISO. **pedigree:** Vialone/Carnaroli. **other id:** BE-4116. **other id:** Q 29298. Annual. Cultivar. Seed.
- PI 574445 **origin:** Italy. **origin institute:** Bertone Sementi S.P.A., Strada Cacciolo 35, Terruggia AL 15030 Italy. **cultivar:** STAR. **other id:** BE-4116. **other id:** Q 29299. Annual. Cultivar. Seed.

PI 574409 to 574449-continued

- PI 574446 **origin:** Italy. **origin institute:** Valle Agricola Tarditi e Ferrando, Via Nazionale 43, Cerrina AL 15020 Italy. **cultivar:** TARRISO. **other id:** BE-4116. **other id:** Q 29300. Annual. Cultivar. Seed.
- PI 574447 **origin:** Italy. **origin institute:** Fiorenzo Garavana, Cascina Fracassetta, Lamporo VC 13040 Italy. **cultivar:** TESORO. **other id:** BE-4116. **other id:** Q 29301. Annual. Cultivar. Seed.
- PI 574448 **origin:** Italy. **origin institute:** S.I.S. Societa Italiana Sementi S.P.A., Via Marconi 43, Bologna, Emilia-Romagna 40122 Italy. **cultivar:** VIALE. **pedigree:** Vialone/Carnaroli. **other id:** BE-4116. **other id:** Q 29303. Annual. Cultivar. Seed.
- PI 574449 **origin:** Italy. **origin institute:** S.I.S. Societa Italiana Sementi S.P.A., Via Marconi 43, Bologna, Emilia-Romagna 40122 Italy. **cultivar:** VOLANO. **pedigree:** Stirpe 401/Rizzotto. **other id:** BE-4116. **other id:** Q 29304. Annual. Cultivar. Seed.

PI 574450. *Arachis hypogaea* L. FABACEAE Peanut

Donated by: Branch, W.D., Coastal Plain Exp. Sta., University of Georgia, Tifton, Georgia 31793-0748, United States. **remarks:** GEORGIA BROWNE PEANUT. Received October 25, 1993.

origin: United States. **developed:** W.D. Branch. **origin institute:** Coastal Plain Exp. Sta., University of Georgia, Tifton, Georgia 31793-0748 United States. **cultivar:** GEORGIA BROWNE. **pedigree:** Southern Runner/Sunbelt Runner. **other id:** GA T-2741. **other id:** CV-52. **group:** CSR-PEANUT. **other id:** PVP 9400043. **source:** Pending. **group:** PVPO. **restricted:** CSR. **patent:** PVPO. **remarks:** Runner type with fruit size similar to spanish types with a large proportion of mature No. 1 seed. Shelf life longer than Florunner. Percent protein and oil and flavor evaluation similar to Florunner. Resistance good to stem rot or white mold (*Sclerotium rolfsii*), limb rot (*Rhizoctonia solani*) and tomato-spotted wilt virus (TSWV). Spring Annual. Cultivar. Seed.

PI 574451. *Triticum aestivum* L., nom. cons. POACEAE Common wheat

Donated by: Qualset, C., University of California, Dept. of Agronomy & Range Science, Davis, California 95616-8602, United States. Received October 25, 1993.

PI 574451-continued

origin: United States. **developed:** C.O. Qualset. **origin institute:** California Agric. Exp. Station, Davis, California 95616 United States. **origin institute id:** UC 784. **source history:** Seed source = 93108/26 U. Calif. Davis (1993). **pedigree:** Shasta/Yecora Rojo. **other id:** C870048. **other id:** 770284-OD-SBD-2D-3D-2D. **remarks:** Maturity 142 days. Height 61cm. Grain color red. Spring Annual. Breeding Material. Seed.

PI 574452. *Triticum aestivum* L., nom. cons. POACEAE Common wheat

Donated by: Qualset, C., University of California, Dept. of Agronomy & Range Science, Davis, California 95616-8602, United States. Received October 25, 1993.

origin: United States. **developed:** C.O. Qualset. **origin institute:** California Agric. Exp. Station, Davis, California 95616 United States. **origin institute id:** UC 785. **source history:** Seed source = 93108/28 U. Calif. Davis (1993). **pedigree:** Shasta/Yecora Rojo. **other id:** C870048. **other id:** 770284-OD-SBD-35D-1D-3D. **remarks:** Maturity 155 days. Height 65cm. Grain color red. Spring Annual. Breeding Material. Seed.

PI 574453. *Triticum aestivum* L., nom. cons. POACEAE Common wheat

Donated by: Qualset, C., University of California, Dept. of Agronomy & Range Science, Davis, California 95616-8602, United States. Received October 25, 1993.

origin: United States. **developed:** C.O. Qualset. **origin institute:** California Agric. Exp. Station, Davis, California 95616 United States. **origin institute id:** UC 786. **source history:** Seed source = 93108/30 U. Calif. Davis (1993). **pedigree:** Yolo's/Yecora Rojo. **other id:** C870050. **other id:** 810041-95D-3D-3D. **remarks:** Maturity 154 days. Height 72cm. Grain color red. Spring Annual. Breeding Material. Seed.

PI 574454. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Sisson, V.A., Agricultural Research Service -- USDA, Crops Research Laboratory, Oxford, North Carolina 27565, United States. **remarks:** OXFORD 940 TOBACCO. Received October 25, 1993.

PI 574454-continued

origin: United States. **developed:** V.A. Sisson. **origin institute:** Agricultural Research Service -- USDA, Crops Research Laboratory, P.O. Box 1168, Oxford, North Carolina 27565 United States. **cultivar:** OXFORD 940. **pedigree:** Speight G-28/Coker 347(8069)//Coker 48/3/Speight G-28/Coker 347(8086)//McNair 373. **other id:** NC 9140 USDA. **other id:** CV-108. **group:** CSR-TOBACCO. **restricted:** CSR. **remarks:** Plant growth similar to current flue-cured tobacco cvs. Flowers about 66 days after transplanting & produces approx. 19 harvestable leaves per plant on slightly shorter than average stalk. Mean topping height 95.5cm. Leaves med. width & slightly longer in length than most other flue-cured cvs. Average yields of high quality leaf. Cured leaf predom. orange color, med. to heavy bodied & med. textured. High resist. to race O of black shank. Resist. to black shank race 1 and Fusarium wilt. Mod. high resist. to bacterial wilt. Suscept. to tobacco mosaic virus & southern root knot. Spring Annual. Cultivar. Seed.

PI 574455. *Sorghum bicolor* (L.) Moench POACEAE Sorghum

Donated by: Miller, F.R., Texas Agr. Exp. Sta., Texas A&M University, College Station, Texas 77843-2474, United States. Received October 25, 1993.

origin: United States. **cultivar:** BTx638. **pedigree:** (Purdue B-3*BTX624)-132-2-1-6-4-3-5-C3-T4-C1. **remarks:** 3dwarf (dw1DW2dw3dw4) with height of approx. 80cm. Plant color purplish-red. Seed color bright red-translucent, no pigmented testa. Awnless lemma, 8-10cm exertion. Leaves broad, very erect with juicy midribs, few to no tillers. Strongly tropically adapted. Unusually uniform in height. Resistance to root lodging. Excellent general combining ability. Produces F1 hybrids unusually uniform in height & shorter than expected. F1 hybrids have intense red color grain on well exerted semi-compact panicles. Produce abund. pollen to maint. female or prod. other single-cross steriles. Spring Annual. Breeding Material. Seed.

PI 574456. *Aegilops biuncialis* Vis. POACEAE

Donated by: Dragavtsev, V., N.I. Vavilov Inst. of Plant Industry, 44 Herzen Street, St. Petersburg 190000, Russian Federation. Received October 25, 1993.

origin: Azerbaijan. **collector:** N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 692. **other id:** NSGC 5. Wild. Seed.

PI 574457. *Aegilops columnaris* Zhuk. POACEAE

Donated by: Dragavtsev, V., N.I. Vavilov Inst. of Plant Industry, 44 Herzen Street, St. Petersburg 190000, Russian Federation. Received October 25, 1993.

origin: Azerbaijan. **collector:** N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 512.
other id: NSGC 3. Wild. Seed.

PI 574458 to 574459. *Aegilops crassa* Boiss. POACEAE

Donated by: Dragavtsev, V., N.I. Vavilov Inst. of Plant Industry, 44 Herzen Street, St. Petersburg 190000, Russian Federation. Received October 25, 1993.

PI 574458 **origin:** Turkmenistan. **collector:** N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 410. **other id:** NSGC 1. Wild. Seed.

PI 574459 **origin:** Uzbekistan. **collector:** N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 1378. **other id:** NSGC 4. Wild. Seed.

PI 574460 to 574462. *Aegilops cylindrica* Host POACEAE

Donated by: Dragavtsev, V., N.I. Vavilov Inst. of Plant Industry, 44 Herzen Street, St. Petersburg 190000, Russian Federation. Received October 25, 1993.

PI 574460 **origin:** Uzbekistan. **collector:** N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 26. **other id:** NSGC 2. Wild. Seed.

PI 574461 **origin:** Armenia. **collector:** N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 534. **other id:** NSGC 8. Wild. Seed.

PI 574462 **origin:** Azerbaijan. **collector:** N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 505. **other id:** NSGC 10. Wild. Seed.

PI 574463. *Aegilops juvenalis* (Thell.) Eig POACEAE

Donated by: Dragavtsev, V., N.I. Vavilov Inst. of Plant Industry, 44 Herzen Street, St. Petersburg 190000, Russian Federation. Received October 25, 1993.

origin: Uzbekistan. **collector:** N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 681. **other id:** NSGC 6. Wild. Seed.

PI 574464 to 574469. *Aegilops tauschii* Cosson POACEAE

Donated by: Dragavtsev, V., N.I. Vavilov Inst. of Plant Industry, 44 Herzen Street, St. Petersburg 190000, Russian Federation. Received October 25, 1993.

- PI 574464 **origin:** Azerbaijan. **collector:** N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 112. **other id:** NSGC 7. Wild. Seed.
- PI 574465 **origin:** Azerbaijan. **collector:** N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 78. **other id:** NSGC 9. Wild. Seed.
- PI 574466 **origin:** Georgia. **collector:** N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 612. **other id:** NSGC 12. Wild. Seed.
- PI 574467 **origin:** Russian Federation. **collector:** N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 366. **other id:** NSGC 13. **locality:** Daghestan. Wild. Seed.
- PI 574468 **origin:** Armenia. **collector:** N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 415. **other id:** NSGC 14. Wild. Seed.
- PI 574469 **origin:** India. **collector:** N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 912. **other id:** NSGC 17. Wild. Seed.

PI 574470 to 574473. *Aegilops triuncialis* L. POACEAE

Donated by: Dragavtsev, V., N.I. Vavilov Inst. of Plant Industry, 44 Herzen Street, St. Petersburg 190000, Russian Federation. Received October 25, 1993.

- PI 574470 **origin:** Uzbekistan. **collector:** N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 75. **other id:** NSGC 11. Wild. Seed.
- PI 574471 **origin:** Azerbaijan. **collector:** N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 136. **other id:** NSGC 15. Wild. Seed.
- PI 574472 **origin:** Azerbaijan. **collector:** N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 734. **other id:** NSGC 16. Wild. Seed.
- PI 574473 **origin:** Turkmenistan. **collector:** N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 430. **other id:** NSGC 18. Wild. Seed.

PI 574474. *Aegilops triuncialis* L. POACEAE

Donated by: Hannan, R., USDA-ARS, Plant Introduction Station, 59 Johnson, Washington State University, Pullman, Washington 99164-6402, United States. Received October 25, 1993.

origin: Bulgaria. **collected:** June 28, 1992. **collector:** R.M. Hannan, W.J. Kaiser, USDA-ARS, Pullman, WA.
collector id: B92-37. **other id:** NSGC 581. **locality:** 50 m south of guest house, Institute of Wheat & Genetics, Albena. **elevation:** 20m. Wild. Seed.

PI 574475. *Aegilops geniculata* Roth POACEAE

Donated by: Hannan, R., USDA-ARS, Plant Introduction Station, 59 Johnson, Washington State University, Pullman, Washington 99164-6402, United States. Received October 25, 1993.

origin: Bulgaria. **collected:** June 26, 1992. **collector:** R.M. Hannan, W.J. Kaiser, USDA-ARS, Pullman, WA.
collector id: B92-26. **other id:** NSGC 580. **locality:** Edge of wheat field, experimental farm, Inst. of Introduction & Plant Genetic Resources, Sadovo. **elevation:** 250m. Wild. Seed.

PI 574476 to 574486. *Glycine max* (L.) Merr. FABACEAE Soybean

Donated by: Chen, Yiwu, Institute of Crop Germplasm Resources, CAAS, Beijing 100081, China. Received October 25, 1993.

PI 574476 **origin:** China. **cultivar:** Fen dou 16. Cultivated. Seed.

PI 574477 **origin:** China. **cultivar:** Fen dou 31. Cultivated. Seed.

PI 574478 **origin:** China. **cultivar:** Hai jiao zhao. Cultivated. Seed.

PI 574479 **origin:** China. **cultivar:** Zhao su 6. Cultivated. Seed.

PI 574480 **origin:** China. **cultivar:** Jing 33. Cultivated. Seed.

PI 574481 **origin:** China. **cultivar:** Zhong dou No. 19. Cultivated. Seed.

PI 574482 **origin:** China. **cultivar:** Jin dou No. 2. Cultivated. Seed.

PI 574483 **origin:** China. **cultivar:** Jin dou No. 5. Cultivated. Seed.

PI 574484 **origin:** China. **cultivar:** Jin dou No. 6. Cultivated. Seed.

PI 574476 to 574486-continued

PI 574485 **origin:** China. **cultivar:** Jin dou No. 9. Cultivated.
Seed.

PI 574486 **origin:** China. **cultivar:** Jin dou No. 13. Cultivated.
Seed.

PI 574487. *Oryza sativa* L. POACEAE Rice

Donated by: McClung, A., USDA-ARS, Rice Research Station, Beaumont,
Texas 77713, United States. Received October 28, 1993.

origin: United States. **developed:** A. McClung. **origin
institute:** USDA-ARS/Texas Agric. Exp. Station, Beaumont,
Texas 77713 United States. **origin institute id:**
RU8703196. **pedigree:** Leah/RU8003050. **other id:** Tx196.
remarks: Combines improved sheath blight resistance
(*Rhizoctonia solani*) and superior blast resistance
(*Pyricularia grisea*) in a semidwarf plant type with
typical U.S. long-grain size, shape and cooking quality
characteristics. Plant height averaged 84cm compared to
86cm for Lemont, a major U.S. semi dwarf long-grain
cultivar related to RU8003050. Matures in about 127 days
compared to 123 for Lemont. Losses from sheath blight are
less than half of the losses sustained by Lemont and
related cultivars. Spring Annual. Breeding Material.
Seed.

PI 574488. *Triticum aestivum* L., nom. cons. POACEAE Wheat

Donated by: Martin, T.J., Fort Hays Exp. Sta., Kansas State
University, Hays, Kansas 67601-9228, United States. Received
October 28, 1993.

origin: United States. **developed:** T.J. Martin. **origin institute:** Kansas Agric. Exp. Station, Fort Hays Branch Exp. Station, Hays, Kansas 67601-9228 United States. **cultivar:** IKE. **pedigree:** Dular/Eagle//2*Cheney/Larned/3/Colt. **other id:** KS89H48. **other id:** PVP 9400149. **source:** Pending. **group:** PVPO. **patent:** PVPO. **remarks:** Hard red winter wheat increased from an F6 head-row. Tall semi dwarf, similar to Larned in appearance but shorter than Larned and taller than TAM 107. Coleoptile length equal to Newton. Winterhardiness equal to Larned. White glumes and awns. Heads 1 day earlier than Larned and about 5 days later than TAM 107. Milling and baking characteristics similar to Larned except has stronger mixing characteristics. Carries effective levels of resistance to leaf rust, stem rust, Hessian fly (H3), soilborne mosaic virus, and wheat spindle streak mosaic virus. Winter Annual. Cultivar. Seed.

PI 574489. *Triticum aestivum* L., nom. cons. POACEAE Wheat

Donated by: Martin, T.J., Fort Hays Exp. Sta., Kansas State University, Hays, Kansas 67601-9228, United States. Received October 28, 1993.

origin: United States. **developed:** T.J. Martin. **origin institute:** Kansas Agric. Exp. Station, Fort Hays Branch Exp. Station, Hays, Kansas 67601-9228 United States. **origin institute id:** KS92WGRC24. **pedigree:** Yilmaz - 10/2* KS84HW196. **other id:** KS92HW269. **remarks:** Russian Wheat Aphid (RWA) resistant, white seeded, awned, white glumed, semidwarf, hard winter wheat. Tested in 1992 Preliminary Yield Nursery at Hays, KS. Two days later, 2cm shorter, and has a coleoptile length 3cm longer than TAM 107. Mixing strength slightly stronger than Larned with grain protein 1% higher than Tam 107. Resistant to stem rust, but susceptible to leaf rust, soilborne mosaic virus, wheat streak mosaic virus, and Hessian fly. Winter Annual. Breeding Material. Seed.

PI 574490. *Triticum aestivum* L., nom. cons. POACEAE Wheat

Donated by: Martin, T.J., Fort Hays Exp. Sta., Kansas State University, Hays, Kansas 67601-9228, United States. Received October 28, 1993.

origin: United States. **developed:** T.J. Martin. **origin institute:** Kansas Agric. Exp. Station, Fort Hays Branch Exp. Station, Hays, Kansas 67601-9228 United States. **origin institute id:** KS92WGRC25. **pedigree:** Yilmaz - 10/KS84HW196//Dodge. **other id:** KS92H334. **remarks:** Russian Wheat Aphid (RWA) resistant, red seeded, awned, white glumed, semidwarf, hard winter wheat. Tested in 1992 Preliminary Yield Test. Heads 5 days earlier, 2cm taller, and has a coleoptile 1.5cm longer than TAM 107. Grain yield about 10% less than TAM 107. Mixing strength equal to Larned and grain protein 1% higher than TAM 107. Resistant to stem rust, but susceptible to leaf rust, soilborne mosaic virus, wheat streak mosaic virus, and Hessian fly. Winter Annual. Breeding Material. Seed.

PI 574491 to 574495. *Cuphea* hybrid LYTHRACEAE *Cuphea*

Donated by: Knapp, S.J., Oregon Agr. Exp. Sta., Oregon State University, Corvallis, Oregon 97331-3002, United States. Received October 28, 1993.

PI 574491 **origin:** United States. **cultivar:** VL-90. **pedigree:** *Cuphea viscosissima*/C. lanceolata f. silenoides (PI 534911 x LN-43). PI 534911 was used as the recurrent parent. **remarks:** Seeds of *Cuphea viscosissima* can be dormant for 2 or more years. Five partially non-dormant C. viscosissima x C. lanceolata f. silenoides BC3S3 lines were developed by introgressing genes for non-dormancy from C. lanceolata to C. viscosissima. Germination percentages of this line increase as after-ripening time increases. Germination begins 1 month after harvest. This line was selected for autogamy--C. viscosissima is autogamous while C. lanceolata is allogamous--and can be grown without insect pollinators. Breeding Material. Seed.

PI 574492 **origin:** United States. **cultivar:** VL-91. **pedigree:** *Cuphea viscosissima*/C. lanceolata f. silenoides (PI 534911 x LN-43). PI 534911 was used as the recurrent parent. **remarks:** Seed of wild germplasm of *Cuphea viscosissima* is extremely dormant--seeds of this species can be dormant for 2 or more years. Five partially non-dormant C. viscosissima x C. lanceolata f. silenoides BC3S3 lines were developed by introgressing genes for non-dormancy from C. lanceolata to C. viscosissima. Germination percentages of this line increase as after-ripening time increases. Germinating begins 1 month after harvest. This line was selected for autogamy--C. viscosissima is autogamous, while C. lanceolata is allogamous--and can be grown without insect pollinators. Breeding Material. Seed.

- PI 574493 **origin:** United States. **cultivar:** VL-92. **pedigree:** Cuphea viscosissima/C. lanceolata f. silenoides (PI 534911 x LN-43). PI 534911 was used as the recurrent parent. **remarks:** Seed of wild germplasm of Cuphea viscosissima is extremely dormant--seeds of this species can be dormant for 2 or more years. Five partially non-dormant C. viscosissima x C. lanceolata f. silenoides BC3S3 lines were developed by introgressing genes for non-dormancy from C. lanceolata to C. viscosissima. Germination percentages of this line increase as after-ripening time increases. Germinating begins 1 month after harvest. This line was selected for autogamy--C. viscosissima is autogamous, while C. lanceolata is allogamous--and can be grown without insect pollinators. Breeding Material. Seed.
- PI 574494 **origin:** United States. **cultivar:** VL-94. **pedigree:** Cuphea viscosissima/C. lanceolata f. silenoides (PI 534911 x LN-43). PI 534911 was used as the recurrent parent. **remarks:** Seed of wild germplasm of Cuphea viscosissima is extremely dormant--seeds of this species can be dormant for 2 or more years. Five partially non-dormant C. viscosissima x C. lanceolata f. silenoides BC3S3 lines were developed by introgressing genes for non-dormancy from C. lanceolata to C. viscosissima. Germination percentages of this line increase as after-ripening time increases. Germinating begins 1 month after harvest. This line was selected for autogamy--C. viscosissima is autogamous, while C. lanceolata is allogamous--and can be grown without insect pollinators. Breeding Material. Seed.
- PI 574495 **origin:** United States. **cultivar:** VL-95. **pedigree:** Cuphea viscosissima/C. lanceolata f. silenoides (PI 534911 x LN-43). PI 534911 was used as the recurrent parent. **remarks:** Seed of wild germplasm of Cuphea viscosissima is extremely dormant--seeds of this species can be dormant for 2 or more years. Five partially non-dormant C. viscosissima x C. lanceolata f. silenoides BC3S3 lines were developed by introgressing genes for non-dormancy from C. lanceolata to C. viscosissima. Germination percentages of this line increase as after-ripening time increases. Germinating begins 1 month after harvest. This line was selected for autogamy--C. viscosissima is autogamous, while C. lanceolata is allogamous--and can be grown without insect pollinators. Breeding Material. Seed.

PI 574496 to 574503. *Triticum aestivum* L., nom. cons. POACEAE Wheat

Donated by: Conner, R.L., Lethbridge Res. Sta.-Agriculture Canada, Lethbridge, Alberta T1J 4B1, Canada. **remarks:** Eight Wheat Germplasms. Received October 28, 1993.

PI 574496 **donor id:** CS 115-2-2. **origin:** Canada. **developed:** R.L. Conner, A.D. Kuzyk, G.R. Kereliuk. **origin institute:** Lethbridge Res. Sta.-Agriculture Canada, Lethbridge, Alberta T1J 4B1 Canada. **cultivar:** CS 1. **pedigree:** Chester*9/S-615. **other id:** GP-400. **group:** CSR-WHEAT. **restricted:** CSR. **remarks:** Backcross 8 derivative near isogenic line of the hard red spring wheat cultivar Chester. Developed from a cross of the moderately root rot resistant cultivar Chester and the susceptible line S-615. Susceptible F3 progeny were backcrossed for eight generations to Chester. Susceptible to common root rot (*Cochliobolus sativus*). Gliadin and glutenin banding tests show to be the same as Chester. Solid-stemmed like Chester and resembles Chester in all other respects. Spring Annual. Breeding Material. Seed.

PI 574497 **donor id:** CS 117-2-4. **origin:** Canada. **developed:** R.L. Conner, A.D. Kuzyk, G.R. Kereliuk. **origin institute:** Lethbridge Res. Sta.-Agriculture Canada, Lethbridge, Alberta T1J 4B1 Canada. **cultivar:** CS 2. **pedigree:** Chester*9/S-615. **other id:** GP-401. **group:** CSR-WHEAT. **restricted:** CSR. **remarks:** Backcross 8 derivative near isogenic line of the hard red spring wheat cultivar Chester. Developed from a cross of the moderately root rot resistant cultivar Chester and the susceptible line S-615. Susceptible F3 progeny were backcrossed for eight generations to Chester. Susceptible to common root rot (*Cochliobolus sativus*). Gliadin and glutenin banding tests show to be the same as Chester. Solid-stemmed like Chester and resembles Chester in all other respects. Spring Annual. Breeding Material. Seed.

PI 574498 **donor id:** NS 115-2-2. **origin:** Canada. **developed:** R.L. Conner, A.D. Kuzyk, G.R. Kereliuk. **origin institute:** Lethbridge Res. Sta.-Agriculture Canada, Lethbridge, Alberta T1J 4B1 Canada. **cultivar:** NS 1. **pedigree:** Neepawa*9/S-615. **other id:** GP-402. **group:** CSR-WHEAT. **restricted:** CSR. **remarks:** Backcross 8 derivative near isogenic line of the hard red spring wheat cultivar Neepawa. Developed from a cross of the moderately root rot resistant cultivar Neepawa and the susceptible line S-615. Susceptible F3 progeny were backcrossed for eight generations to Neepawa. Susceptible to common root rot (*Cochliobolus sativus*). Gliadin and glutenin banding tests show to be the same as Neepawa. Hollow-stemmed like Neepawa and resembles Neepawa in all other respects. Spring Annual. Breeding Material. Seed.

- PI 574499 **donor id:** NS 118-4-3. **origin:** Canada. **developed:** R.L. Conner, A.D. Kuzyk, G.R. Kereliuk. **origin institute:** Lethbridge Res. Sta.--Agriculture Canada, Lethbridge, Alberta T1J 4B1 Canada. **cultivar:** NS 2. **pedigree:** Neepawa*9/S-615. **other id:** GP-403. **group:** CSR-WHEAT. **restricted:** CSR. **remarks:** Backcross 8 derivative near isogenic line of the hard red spring wheat cultivar Neepawa. Developed from a cross of the moderately root rot resistant cultivar Neepawa and the susceptible line S-615. Susceptible F3 progeny were backcrossed for eight generations to Neepawa. Susceptible to common root rot (*Cochliobolus sativus*). Gliadin and glutenin banding tests show to be the same as Neepawa. Hollow-stemmed like Neepawa and resembles Neepawa in all other respects. Spring Annual. Breeding Material. Seed.
- PI 574500 **donor id:** NS 101-1-1. **origin:** Canada. **developed:** R.L. Conner. **origin institute:** Agriculture Canada, Research Station, Lethbridge, Alberta T1J 4B1 Canada. **cultivar:** NR 1. **pedigree:** Neepawa*9/S-615. **other id:** GP-404. **group:** CSR-WHEAT. **restricted:** CSR. **remarks:** Backcross 8 derivative near isogenic line of the hard red spring wheat cultivar Neepawa. Developed from a cross of the moderately root rot resistant cultivar Neepawa and the susceptible line S-615. Susceptible F3 progeny were backcrossed for eight generations to Neepawa. Moderately resistant to common root rot (*Cochliobolus sativus*). Gliadin and glutenin banding tests show to be the same as Neepawa. Hollow-stemmed like Neepawa and resembles Neepawa in all other respects. Spring Annual. Breeding Material. Seed.
- PI 574501 **donor id:** NS 110-2-2. **origin:** Canada. **developed:** R.L. Conner. **origin institute:** Agriculture Canada, Research Station, Lethbridge, Alberta T1J 4B1 Canada. **cultivar:** NR 2. **pedigree:** Neepawa*9/S-615. **other id:** GP-405. **group:** CSR-WHEAT. **restricted:** CSR. **remarks:** Backcross 8 derivative near isogenic line of the hard red spring wheat cultivar Neepawa. Developed from a cross of the moderately root rot resistant cultivar Neepawa and the susceptible line S-615. Susceptible F3 progeny were backcrossed for eight generations to Neepawa. Moderately resistant to common root rot (*Cochliobolus sativus*). Gliadin and glutenin banding tests show to be the same as Neepawa. Hollow-stemmed like Neepawa and resembles Neepawa in all other respects. Spring Annual. Breeding Material. Seed.

PI 574496 to 574503-continued

PI 574502 **donor id:** CS 105-1-2. **origin:** Canada. **developed:** R.L. Conner. **origin institute:** Agriculture Canada, Research Station, Lethbridge, Alberta T1J 4B1 Canada. **cultivar:** CR 1. **pedigree:** Chester*9/S-615. **other id:** GP-406. **group:** CSR-WHEAT. **restricted:** CSR. **remarks:** Backcross 8 derivative near isogenic line of the hard red spring wheat cultivar Chester. Developed from a cross of the moderately root rot resistant cultivar Chester and the susceptible line S-615. Susceptible F3 progeny were backcrossed for eight generations to Chester. Moderately resistant to common root rot (*Cochliobolus sativus*). Gliadin and glutenin banding tests show to be the same as Chester. Solid-stemmed like Chester and resembles Chester in all other respects. Spring Annual. Breeding Material. Seed.

PI 574503 **donor id:** CS 115-1-1. **origin:** Canada. **developed:** R.L. Conner. **origin institute:** Agriculture Canada, Research Station, Lethbridge, Alberta T1J 4B1 Canada. **cultivar:** CR 2. **pedigree:** Chester*9/S-615. **other id:** GP-407. **group:** CSR-WHEAT. **restricted:** CSR. **remarks:** Backcross 8 derivative near isogenic line of the hard red spring wheat cultivar Chester. Developed from a cross of the moderately root rot resistant cultivar Chester and the susceptible line S-615. Susceptible F3 progeny were backcrossed for eight generations to Chester. Moderately resistant to common root rot (*Cochliobolus sativus*). Gliadin and glutenin banding tests show to be the same as Chester. Solid-stemmed like Chester and resembles Chester in all other respects. Spring Annual. Breeding Material. Seed.

PI 574504. *Nicotiana tabacum* L. SOLANACEAE Tobacco

Donated by: Nielsen, M.T., Kentucky Agr. Exp. Sta., University of Kentucky, Lexington, Kentucky 40546-0091, United States. **remarks:** KY 907 Burley Tobacco. Received October 28, 1993.

PI 574504-continued

origin: United States. **developed:** M.T. Nielsen, B.S. Kennedy. **origin institute:** Kentucky Agr. Exp. Sta., University of Kentucky, Dept. of Agronomy, Lexington, Kentucky 40546 United States. **cultivar:** KY 907. **pedigree:** Single plant sel. from KY 16/T.I. 1406/KY 10/Burley 49/ EX4/290A/KY 17/KY 15 (KY8538)/8/TN 86, F5. **other id:** CV-109. **group:** CSR-TOBACCO. **restricted:** CSR. **remarks:** Resistant to black root rot (*Thielaviopsis basicola*), tobacco mosaic virus, tobacco vein mottling virus, and wildfire (*Pseudomonas syringae* pv. *tabaci*). Medium resistance to tobacco etch virus and *Fusarium* wilt (*Fusarium oxysporum* sp. *nicotianae*). Leaf size 71cm long and 38cm wide. Maturity medium-late. Stalk diameter 3.53cm. Spring Annual. Cultivar. Seed.

PI 574505. *Pisum sativum* var. *arvense* (L.) Poiret FABACEAE

Donated by: Muehlbauer, F.J., USDA-ARS, Washington Agr. Res. Ctr., Washington State University, Pullman, Washington 99164-6421, United States. Received September 09, 1993.

origin: United States. **cultivar:** COMMON AUSTRIAN WINTER. **collector:** F.J. Muehlbauer. **other id:** W6 12552. **group:** W6. **remarks:** Old land variety composed of a mixture of genotypes. Susceptible to *Fusarium* wilt, race 1, powdery mildew and the pea leaf weevil. Some tolerance to *Ascochyta*. Seed yields generally lower than Fenn or Melrose. Cultivar. Seed.

PI 574506. *Eragrostis curvula* (Schrader) Nees POACEAE Weeping lovegrass

Donated by: Voigt, P.W., Agricultural Research Service -- USDA, Texas Agr. Exp. Sta., Grassland-Forage Research Center, Temple, Texas 76501, United States. Received November 08, 1993.

origin: United States. **developed:** P.W. Voigt. **origin institute:** Agricultural Research Service -- USDA, Texas Agr. Exp. Sta., Grassland-Forage Research Center, Temple, Texas 76501 United States. **cultivar:** OTA-S. **pedigree:** Bulk harvest of seed produced in isolation from four tetraploid ($2n=40$) clones derived from PI 299929 (3) and from the cross between PI 299928 and PI 299929 (1). **other id:** GP-8. **source:** Crop Sci. 16(6):886 1976. **group:** CSR-OTHER GRASSES. **other id:** W6 13862. **group:** W6. **remarks:** Eragrostis curvula usually reproduces by diplosporic apomixis. This is the only known source of obligate sexual reproduction at the tetraploid ($2n=4x=40$) chromosome level in this species. All other sources of sexual reproduction in the E. curvula complex are diploid ($2n=2x=20$) or are facultative apomicts. Because of its unique method of reproduction, should be increased in isolation from other E. curvula or related lovegrass species. Perennial. Breeding Material. Seed.

PI 574507 to 574510. Pisum sativum L. FABACEAE

Donated by: Rogers Brothers Seed Company, P.O. Box 4727, Boise, Idaho 83711-0727, United States. Received November 15, 1993.

PI 574507 **origin:** United States. **cultivar:** ALDERMAN. **other id:** W6 12625. **group:** W6. **other id:** G 29061. **group:** GENEVA. **other id:** W6 12538. **group:** W6. **remarks:** Selected as the "type" cultivar for use in PVP cultivar comparison as requested by the CAC in the 1992 meeting. Cultivar. Seed.

PI 574508 **origin:** United States. **cultivar:** LITTLE MARVEL. **other id:** W6 12630. **group:** W6. **other id:** G 29067. **group:** GENEVA. **other id:** W6 12539. **group:** W6. **remarks:** Selected as the "type" cultivar for use in PVP cultivar comparison as requested by the CAC in the 1992 meeting. Cultivar. Seed.

PI 574509 **origin:** United States. **cultivar:** WANDO. **other id:** W6 12633. **group:** W6. **other id:** G 29070. **group:** GENEVA. **other id:** W6 12541. **group:** W6. **remarks:** Selected as the "type" cultivar for use in PVP cultivar comparison as requested by the CAC in the 1992 meeting. Cultivar. Seed.

PI 574510 **origin:** United States. **cultivar:** THOMAS LAXTON. **other id:** W6 12635. **group:** W6. **other id:** G 29073. **group:** GENEVA. **other id:** W6 12540. **group:** W6. **remarks:** Selected as the "type" cultivar for use in PVP cultivar comparison as requested by the CAC in the 1992 meeting. Cultivar. Seed.

PI 574511. *Briza media* L. POACEAE

Donated by: Beltsville USDA, ARS, Beltsville, Maryland, United States. Received 1972.

origin: UNKNOWN. **cultivar:** C 28137. **other id:** W6 3440.
group: W6. **other id:** W6 978. **group:** W6. Cultivar.
Seed.

PI 574512. *Bromus inermis* Leysser subsp. *inermis* POACEAE

Donated by: Nebraska Agr. Exp. Sta., Nebraska, United States.
Received 1976.

origin: United States. **origin institute:** Nebraska Agr. Exp. Sta., Lincoln, Nebraska United States. **cultivar:** LINCOLN. **pedigree:** Composite of best performing Nebraska fields of similar type tracing to old plantings (some prior to 1898). **other id:** CV-5. **source:** Agron. J. 47(11):533 1955. **group:** CSR-BROMEGRASS. **other id:** W6 980. **group:** W6. **remarks:** Easy seedling establishment. Forage and seed yields good. Comparatively free from diseases. Widely grown in Northern U.S. Cultivar. Seed.

PI 574513. *Bromus inermis* Leysser subsp. *inermis* POACEAE

Donated by: South Dakota Agr. Exp. Sta., South Dakota, United States. Received 1962.

origin: United States. **origin institute:** South Dakota Agr. Exp. Sta., South Dakota United States. **cultivar:** HOMESTEADER. **pedigree:** Composite of 5 strains collected from farms with stands 40-50 years old. **other id:** CV-3. **source:** Agron. J. 47(11):533 1955. **group:** CSR-BROMEGRASS. **other id:** W6 981. **group:** W6. **remarks:** Intermediate type between northern and southern bromegrass strains. Higher yields than Lincoln and Canadian Commercial. Cultivar. Seed.

PI 574514. *Bromus inermis* Leysser subsp. *inermis* POACEAE

Donated by: Wisconsin Agr. Exp. Sta., Wisconsin, United States.
Received 1962.

PI 574514-continued

origin: United States. **developed:** E.L. Nielsen, D.C. Smith, P.N. Drolsom. **origin institute:** Wisconsin Agr. Exp. Sta., Agricultural Research Service -- USDA, Madison, Wisconsin United States. **cultivar:** SAC. **pedigree:** Composite of 81 plants from 2 cycles of selection for disease resistance of older varieties, experiment station strains and local sources. **other id:** CV-12. **source:** Crop Sci. 3(5):461 1963. **group:** CSR-BROMEGRASS. **other id:** W6 982. **group:** W6. **remarks:** Good seedling resistance to *Helminthosporium sorokinianum* and *Pythium graminicola*. Superior field tolerance to H. bromi. Morphological characteristics and yield more similar to southern varieties than northern ones. Seed characteristics more similar to northern adapted varieties. Cultivar. Seed.

PI 574515. *Elymus lanceolatus* (Scribner & J. G. Smith) Gould POACEAE

Donated by: Andrews, J. E., Agriculture Canada, Research Station, Lethbridge, Alberta T1J 4B1, Canada. Received 1981.

origin: Canada. **cultivar:** ELBEE. **other id:** CV-13. **source:** Crop Sci. 22(1):162 1982. **group:** CSR-WHEATGRASS. **other id:** W6 994. **group:** W6. Cultivar. Seed.

PI 574516. *Elytrigia elongata* (Host) Nevski POACEAE

Donated by: Washington Soil Conservation Service, Pullman, Washington, United States. Received 1965.

origin: Former Soviet Union. **cultivar:** ALKAR. **other id:** CV-7. **source:** Crop Sci. 12(2):260 1972. **group:** CSR-WHEATGRASS. **other id:** W6 995. **group:** W6. Cultivar. Seed.

PI 574517. *Elytrigia intermedia* (Host) Nevski POACEAE

Donated by: South Dakota Agr. Exp. Sta., South Dakota, United States. Received 1962.

origin: United States. **cultivar:** OAHE. **other id:** CV-5. **source:** Crop Sci. 3(4):373 1963. **group:** CSR-WHEATGRASS. **other id:** W6 3056. **group:** W6. Cultivar. Seed.

PI 574518. *Elytrigia intermedia* (Host) Nevski POACEAE

Donated by: Rice, J. S., Dept of Agronomy & Soils, Clemson University, Clemson, South Carolina 29631, United States. Received 1982.

origin: United States. **cultivar:** SC81L. **other id:** GP-3.
source: Crop Sci. 23(3):605 1983. **group:**
CSR-WHEATGRASS. **other id:** W6 3058. **group:** W6. Breeding
Material. Seed.

PI 574519. *Eragrostis curvula* (Schrader) Nees POACEAE

Donated by: Arizona AES, Arizona, United States. Received 1970.

origin: United States. **cultivar:** CATALINA. **other id:**
CV-24. **source:** Crop Sci. 11(6):939 1971. **group:**
CSR-OTHER GRASSES. **other id:** W6 3062. **group:** W6.
Cultivar. Seed.

PI 574520. *Eragrostis lehmanniana* Nees POACEAE

Donated by: Williams, P. T., USDA-SCS, 3241 N. Romero Road, Tucson, Arizona 85705, United States. Received 1980.

origin: United States. **cultivar:** KUIVATO. **other id:**
CV-49. **source:** Crop Sci. 18(5):912 1978. **group:**
CSR-OTHER GRASSES. **other id:** W6 1004. **group:** W6.
Cultivar. Seed.

PI 574521. *Festuca arundinacea* Schreber POACEAE

Donated by: Kentucky USDA, ARS, Kentucky, United States. Received 1965.

origin: United States. **cultivar:** KENWELL. **other id:**
CV-5. **source:** Crop Sci. 8(3):398 1968. **group:**
CSR-FESCUE. **other id:** W6 191. **group:** W6. Cultivar.
Seed.

PI 574522. *Festuca arundinacea* Schreber POACEAE

Donated by: Bouton, J. H., Agronomy Department, University of Georgia, Athens, Georgia 30602, United States. Received 1981.

origin: United States. **cultivar:** GAFES 2. **other id:**
GP-14. **source:** Crop Sci. 22(2):450 1982. **group:**
CSR-OTHER GRASSES. **other id:** W6 192. **group:** W6.
Breeding Material. Seed.

PI 574523. *Poa pratensis* L. POACEAE

Donated by: Agricultural Research Service -- USDA, Beltsville, Maryland, United States. Received 1977.

origin: United States. **developed:** J.J. Murray, J.B. Powell. **origin institute:** Agricultural Research Service -- USDA, Beltsville, Maryland United States. **cultivar:** BELTURF. **pedigree:** Single plant selection from an old management experiment containing vegetative collections from Maryland and Alabama. **other id:** GP-7. **source:** Crop Sci. 16(6):886 1976. **group:** CSR-BLUEGRASS. **other id:** W6 6207. **group:** W6. **remarks:** Highly apomictic. Vigorous, semiprostrate with excellent rhizome and tiller development. Dense turf. Medium to dark green color and fine leaves. Turns green early in spring and stays green late into fall. Excellent resistance to stem rust and leaf spot. Good resistance to stripe smut and leaf rust. Moderate resistant to leaf spot and crown rot disease. Susceptible to powdery mildew, ozone and sulfur dioxide. Breeding Material. Seed.

PI 574524. *Poa pratensis* L. POACEAE

Donated by: Baluch, S. J., FFR Cooperative, 4112 East State Road 225, West Lafayette, Indiana 47906, United States. Received 1979.

origin: United States. **developed:** P.R. Troutman, S.J. Baluch, R.J. Buker, C.R. Funk. **origin institute:** FFR Cooperative, West Lafayette, Indiana United States. **cultivar:** PLUSH. **pedigree:** Selection from a single, highly apomictic plant from the lawn of Warinaco Park, Union County, New Jersey in 1963. **other id:** CV-17. **source:** Crop Sci. 19(6):928 1979. **group:** CSR-BLUEGRASS. **other id:** Plant Patent 4380. **group:** PLNT. **other id:** W6 6208. **group:** W6. **patent:** PLNT. **remarks:** Moderately low growing, leafy, turf-type, medium texture, good vigor, persistence, density and aggressiveness and medium color. Good resistance to stripe smut. Moderately good resistance to leaf spot and stem rust. Adapted to regions where Kentucky bluegrass is suited. Cultivar. Seed.

PI 574525. *Nicotiana tomentosa* Ruiz Lopez & Pavon SOLANACEAE

Donated by: Agricultural Research Service -- USDA, Beltsville, Maryland, United States. Received 1977.

origin: UNKNOWN. **cultivar:** 58-G. Cultivar. Seed.

PI 574526 to 574528. *Oryza sativa* L. POACEAE Rice

Donated by: National Rice Research Centre, Strada Percetto 27030, Castello D'Arogn, Italy. Received July 29, 1992.

PI 574526 **origin:** Italy. **origin institute:** Ente Nazionale Risi, Piazza Pio XI-1, Milano, Lombardy 20123 Italy. **cultivar:** ICARO. **pedigree:** Veneria/Lebonnet. **other id:** BE-4116. **other id:** Q 29272. Annual. Cultivar. Seed.

PI 574527 **origin:** Italy. **origin institute:** S.I.S. Societa Italiana Sementi S.P.A., Via Marconi 43, Bologna, Emilia-Romagna 40122 Italy. **cultivar:** NILO. **pedigree:** Romeo/Neretto. **other id:** BE-4116. **other id:** Q 29284. Annual. Cultivar. Seed.

PI 574528 **origin:** Italy. **origin institute:** Fratelli Bruzzi, Corso Vercelli 79, Novara 28100 Italy. **cultivar:** RONCOLO. **other id:** BE-4116. **other id:** Q 29292. Annual. Cultivar. Seed.

PI 574529. *Oryza sativa* L. POACEAE Rice

Donated by: National Scientific Committee of China, Beijing, China. **remarks:** Received through Dr. George White, PIO. Received November 02, 1992.

donor id: 10. **origin:** China. **cultivar:** YI SI AI #2127. **other id:** BE-4308. **other id:** Q 29468. Annual. Seed.

PI 574530. *Glycine max* (L.) Merr. FABACEAE Soybean

Donated by: Hartwig, E.E., Agricultural Research Service -- USDA, Soybean Production Research, Stoneville, Mississippi 38776, United States; and Mississippi Agr. and Forestry Exp. Sta.. **remarks:** D86-3429 Soybean Germplasm. Received November 16, 1993.

origin: United States. **developed:** E.E. Hartwig, M.M. Kenty, L.L. Lambert. **origin institute:** Agricultural Research Service -- USDA, Soybean Production Research Unit, P.O. Box 196, Stoneville, Mississippi 38776 United States. **cultivar:** D86-3429. **pedigree:** Tracy-M X sel.(D71-9241 X D75-10169). **other id:** GP-165. **group:** CSR-SOYBEAN. **restricted:** CSR. **remarks:** Multiple pest resistant line. Maturity Group VII. Growth type determinate. Flowers white. Pubescence gray. Seed yellow with black hila averaging 13.5 g/100 seed. Resistant to bacterial pustule and phytophthora rot, root knot nematodes *M. incognita* and *M. arenaria* and to feeding by soybean looper and velvetbean caterpillar. Spring Annual. Breeding Material. Seed.

PI 574531. *Elymus dahuricus* Turcz. ex Griseb. POACEAE Dahurian wild ryegrass

Donated by: Kielly, G.A., Agriculture Canada, Box 1030, Swift Current, Saskatchewan S9H 3X2, Canada. Received November 16, 1993.

origin: Canada. **cultivar:** ARTHUR. **pedigree:** Developed using pure line breeding technique from Chinese plant introduction. **other id:** W6 13861. **group:** W6. **remarks:** Hexaploid (2n=42) short-lived perennial caespitose grass. Leaves wide (11-15mm), lax with long (130-235mm) leaf sheaths and internodes (130-235mm). Seed spikes (130-150mm) borne on culms 100-150cm long. Two to four spikelets per nodes but 3 most common. Each spikelet may contain 3-5 florets. Heads erect, green. Excellent establishment vigor, high establishment year dry matter yield and high seed yield. Perennial. Cultivar. Seed.

PI 574532. *Glycine max* (L.) Merr. FABACEAE Soybean

Donated by: Nickell, C.D., Illinois Agr. Exp. Sta., University of Illinois, Urbana, Illinois 61801, United States; and Agricultural Research Service -- USDA. **remarks:** LN89-5699 Soybean Germplasm. Received November 16, 1993.

origin: United States. **developed:** C.D. Nickell, G.R. Noel, R.L. Bernard, D.J. Thomas, K. Frey. **origin institute:** Illinois Agr. Exp. Sta., University of Illinois, 1102 S. Goodwin, Urbana, Illinois 61801 United States. **cultivar:** LN89-5699. **pedigree:** F3 plant sel. from Williams 82 (Williams X PI 209332). **other id:** GP-161. **group:** CSR-SOYBEAN. **restricted:** CSR. **remarks:** Maturity Group III (relative maturity 3.2) averaging 1 d later than Resnik. When compared with Resnik in soybean cyst nematode (SCN) (*Heterodera glycines*) infested soil, had 39% higher seed yield. In the SCN greenhouse evaluation, was moderately susceptible to Races 1 and 5, moderately resistant to Races 2 and 4, and resistant to Races 3 and 14. Flowers white. Pubescence tawny. Pods tan at maturity. Seeds yellow with black hila. Spring Annual. Breeding Material. Seed.

PI 574533. *Glycine max* (L.) Merr. FABACEAE Soybean

Donated by: Nickell, C.D., Illinois Agr. Exp. Sta., University of Illinois, Urbana, Illinois 61801, United States; and Agricultural Research Service -- USDA. **remarks:** LL89-605 Soybean Germplasm. Received November 16, 1993.

PI 574533-continued

origin: United States. **developed:** C.D. Nickell, S.M. Lim, S. Eathington, R. Warsaw. **origin institute:** Illinois Agr. Exp. Sta., University of Illinois, 1102 S. Goodwin, Urbana, Illinois 61801 United States. **cultivar:** LL89-605. **pedigree:** F6 plant sel. from Wells II X PI 437821. **other id:** GP-162. **group:** CSR-SOYBEAN. **restricted:** CSR. **remarks:** Maturity Group II (relative maturity 2.2) averaging 2 d earlier than Kenwood and 6 d earlier than Burlison. When compared with Kenwood, had 10% lower yield, lower lodging score, shorter plants and higher seed protein. Resistant to Illinois isolate of bacterial blight (*Pseudomonas syringae* pv *glycinea*), brown stem rot (*Phialophora gregata*), and phytophthora rot (race 1) (*Phytophthora sojae*). Flowers purple. Pubescence gray. Pods brown at maturity. Seeds shiny with imperfect black hila. Spring Annual. Breeding Material. Seed.

PI 574534. *Glycine max* (L.) Merr. FABACEAE Soybean

Donated by: Nickell, C.D., Illinois Agr. Exp. Sta., University of Illinois, Urbana, Illinois 61801, United States. **remarks:** Piatt Soybean. Received November 16, 1993.

origin: United States. **developed:** C.D. Nickell, D.J. Thomas, K. Frey. **origin institute:** Illinois Agr. Exp. Sta., University of Illinois, Dept. of Agron., 1102 S. Goodwin, Urbana, Illinois 61801 United States. **cultivar:** PIATT. **pedigree:** F4 plant sel. from LN78-257 X Asgrow A3127. **other id:** CV-320. **group:** CSR-SOYBEAN. **other id:** PVP 9400062. **source:** Pending. **group:** PVPO. **restricted:** CSR. **patent:** PVPO. **remarks:** Maturity Group III (relative maturity 3.7) averaging 6 d later than Resnik. When compared with Resnik, averaged 1% higher seed yield, 8cm taller plant height, and 1.5 percentage units lower seed protein concentration. Flowers white. Pubescence gray. Pods tan at maturity. Seeds dull yellow with buff hila. Resistant to phytophthora rot (race 1) (*Phytophthora sojae*). Susceptible to brown stem rot (*Phialophora gregata*). Spring Annual. Breeding Material. Seed.

PI 574535 to 574536. *Tephrosia vogelii* Hook. f. FABACEAE

Donated by: White, G. A., USDA-ARS, National Germplasm Resources Laboratory, Bldg. 001, Room 322, BARC-West, Beltsville, Maryland 20705, United States. **remarks:** Received through the breeding program of the Tropical Agricultural Research Station, USDA-ARS, Mayaguez, Puerto Rico. Received 1980.

PI 574535 to 574536-continued

PI 574535 **origin:** Puerto Rico. **cultivar:** 06273(31-6). Breeding Material. Seed.

PI 574536 **origin:** Puerto Rico. **cultivar:** 06285. Breeding Material. Seed.

PI 574537 to 574538. *Triticum aestivum* L., nom. cons. POACEAE Wheat

Donated by: Konzak, C.F., Washington Agr. Exp. Sta., Washington State University, Pullman, Washington 99164, United States. Received November 02, 1993.

PI 574537 **origin:** United States. **developed:** C.F. Konzak. **origin institute:** Washington Agr. Exp. Sta., Washington State University, Dept. of Crop & Soil Sciences, Pullman, Washington 99164 United States. **origin institute id:** WA 7766. **pedigree:**
ID0046/7/ID0045/6/2*A6596S-A-21-1/5/2*A6535S-443-107/4/A6316 7S-A-1-59-2-2/3/Thew/Federation//A63166S-A-2-8/8/Potam 70/
Fielder/5/Tifton3725/Walladay/3/Fielder//Brons/Koelz7941S70-
5/4/Lemhi66/3/Yaktana54A*4//Norin10/Brevor/4/Id0065/Potam 70. Breeding Material. Seed.

PI 574538 **origin:** United States. **developed:** C.F. Konzak. **origin institute:** Washington Agr. Exp. Sta., Washington State University, Dept. of Crops & Soil Sciences, Pullman, Washington 99164 United States. **origin institute id:** WA 7712. **pedigree:**
ID0046/7/ID0045/6/2*A6596S-A-21-1/5/2*A6535S-443-107/4/A6316 7S-A-1-59-2-2/3/Thew/Federation//A63166S-A-2-8/8/Potam 70/
Fielder/5/Tifton3725/Walladay/3/Fielder//Brons/Koelz7941S70-
5/4/Lemhi66/3/Yaktana54A*4//Norin10/Brevor/4/Id0065/Potam 70. **remarks:** Soft white spring wheat with superior test weight, competitive yield, and high SWS quality. Breeding Material. Seed.

PI 574539. *Solanum tuberosum* L. SOLANACEAE

Donated by: International Potato Center, Lima, Peru. Received January 08, 1993.

donor id: CIP 800980. **origin:** Peru. **cultivar:** KERR'S PINK. **other id:** BE-4424. **other id:** Q 29565. Annual. Tissue Culture.

PI 574540. *Phaseolus vulgaris* L. FABACEAE Common bean

Donated by: Acosta, Jorge, INIFAP-SARH, APDO. Postal 10, Chapingo, Mexico 56230, Mexico. Received November 19, 1993.

origin: Mexico. **cultivar:** FLOR DE MAYO M38. **pedigree:** A 409/3/BAT 1670//NEP BAYO 22/XAN 112. **other id:** MAM 38. **other id:** W6 13863. **group:** W6. **remarks:** Indeterminate prostrate growth habit. Type III with 8-12 basal branches and mean canopy height of 40cm. Flowers white. Carries the dominant I gene for resistance to bean common mosaic virus. Highly resistant to prevalent races of rust (*Uromyces appendiculatus*). Tolerance to anthracnose (*Colletotrichum lindemuthianum*), halo blight (*Pseudomonas syringae*), common bacterial blight (*Xanthomonas campestris*), and low soil fertility. Spring Annual. Cultivar. Seed.

PI 574541. *Glycine max* (L.) Merr. FABACEAE Soybean

Donated by: Nickell, C.D., Illinois Agr. Exp. Sta., University of Illinois, Urbana, Illinois 61801, United States; and Agricultural Research Service -- USDA. **remarks:** LN89-5612 Soybean Germplasm. Received November 19, 1993.

origin: United States. **developed:** C.D. Nickell, G.R. Noel, R.L. Bernard, D.J. Thomas, J. Pracht. **origin institute:** Illinois Agr. Exp. Sta., University of Illinois, 1102 S. Goodwin, Urbana, Illinois 61801 United States. **cultivar:** LN89-5612. **pedigree:** F2 plant sel. from Williams 82 x (Williams 82(3) x Cloud). **other id:** GP-163. **group:** CSR-SOYBEAN. **restricted:** CSR. **remarks:** Maturity Group III (relative maturity 3.9) averaging 7 d later than Resnik and 1 d later than Linford. When compared with Resnik in SCN (Soybean Cyst Nematode) infested soils, had 60% higher seed yield. At SCN noninfested locations, had 10% higher yield, and 10cm taller plants than Resnik. When inoculated with SCN (*Heterodera glycines*) in the greenhouse, was susceptible to Races 1 and 5, moderately susceptible to Races 2 and 4, and moderately resistant to Races 3 and 14. Flowers white. Pubescence tawny. Pods tan at maturity. Seeds dull yellow with black hila. Spring Annual. Breeding Material. Seed.

PI 574542. *Glycine max* (L.) Merr. FABACEAE Soybean

Donated by: Nickell, C.D., Illinois Agr. Exp. Sta., University of Illinois, Urbana, Illinois 61801, United States; and Agricultural Research Service -- USDA. **remarks:** LN89-5717 Soybean Germplasm. Received November 19, 1993.

PI 574542-continued

origin: United States. **developed:** C.D. Nickell, G.R. Noel, R.L. Bernard, D.J. Thomas, K. Frey. **origin institute:** Illinois Agr. Exp. Sta., University of Illinois, 1102 S. Goodwin, Urbana, Illinois 61801 United States. **cultivar:** LN89-5717. **pedigree:** F3 plant sel. from Williams 82(2) x PI 89772. **other id:** GP-164. **group:** CSR-SOYBEAN. **restricted:** CSR. **remarks:** Maturity Group IV (relative maturity 4.4) averaging 3 d later than Spencer and 5 d later than Linford. When compared with Spencer, had 10% lower seed yield in SCN (Soybean Cyst Nematode) infested soil and 12cm taller plants. When evaluated against SCN (*Heterodera glycines*), was susceptible to Race 1, resistant to Race 3 and 14, and moderately resistant to Races 2, 4, and 5. Flowers white. Pubescence tawny. Pods tan at maturity. Seeds shiny yellow with black hila. Spring Annual. Breeding Material. Seed.

PI 574543. *Solanum* sp. SOLANACEAE

Donated by: Spooner, D.M., USDA/ARS, University of Wisconsin, Department of Horticulture, 1575 Linden Drive, Madison, Wisconsin 53706, United States. Received May 17, 1993.

origin: Colombia. **local name:** Wild lulo. **collected:** August 03, 1992. **collector:** R. Castillo, R. Pineda, L. Lopez, D.M. Spooner. **other id:** Grif 5955. **source:** S-9. **other id:** 1277. **other id:** Q 29362. **locality:** Along dry roadside, just below Inderena Park entrance of Reserva De Igaque, municipio Villa de Legra, about 14 km SE of Areambuco and about 40 km N of Tunja. **elevation:** 2800m. **remarks:** Plants common in area. Fruits mature, orange, very sweet tasting, covered with stinging hairs. Annual. Wild. Seed.

PI 574544. *Pennisetum glaucum* (L.) R. Br. POACEAE Pearl millet

Donated by: Andrews, D.J., University of Nebraska, Dept. of Agronomy, Lincoln, Nebraska 68583-0915, United States. Received December 01, 1993.

origin: United States. **cultivar:** NPM-3. **pedigree:** Nine different d2 dwarf inbred A4 restorer lines involving parental material from India, West Africa, Uganda, and Kansas were chain crossed and random-mated twice. **remarks:** Dwarf grain population made from intermating nine genetically diverse inbreds each of which restored male fertility on the A4 cms system which uses Pennisetum glaucum ssp. monodii cytoplasm. Ninety-three to 97% of plants were male fertile in topcrosses on 3 different A4 steriles, with no instances of partial fertility. New source for lines which will restore male fertility on A4 cms sterile lines. Spring Annual. Breeding Material. Seed.

PI 574545 to 574550. Capsicum annum L. SOLANACEAE

Donated by: Williams, D.E., USDA-ARS, National Germplasm Resources Lab., 4th Floor, Bldg. 003, BARC-West, Beltsville, Maryland 20705, United States. Received November 16, 1993.

PI 574545 **donor id:** 1244. **origin:** Mexico. **local name:** chile blanco. **collected:** October 10, 1993. **collector:** D.E. Williams. **collector id:** 1244. **locality:** City market, Tuxtla Gutierrez, Mpio. Tuxtla Gutierrez, Edo. Chiapas. **latitude:** 16 deg. 45 min. N. **longitude:** 093 deg. 06 min. W. **elevation:** 550m. Landrace. Seed.

PI 574546 **donor id:** 1246. **origin:** Mexico. **local name:** chilmorote, chilocoton. **collected:** October 10, 1993. **collector:** D.E. Williams. **collector id:** 1246. **locality:** Purchased in market, Tuxtla Gutierrez, Mpio. Tuxtla Gutierrez, Edo. Chiapas. **latitude:** 16 deg. 45 min. N. **longitude:** 093 deg. 06 min. W. **elevation:** 550m. **remarks:** Dried fruits conical, 4-6cm long, 3-4cm diam. at base, dark red, shiny, piquant. Seeds yellow. Landrace. Seed.

PI 574547 **donor id:** 1247. **origin:** Mexico. **local name:** chile que mira p'arriba. **collected:** October 10, 1993. **collector:** D.E. Williams. **collector id:** 1247. **locality:** Purchased in market, Tuxtla Gutierrez, Mpio. Tuxtla Gutierrez, Edo. Chiapas. **latitude:** 16 deg. 45 min. N. **longitude:** 093 deg. 06 min. W. **elevation:** 550m. **remarks:** Dried fruits conical, straight, 4-6cm long, 0.6-1.0cm diam. at base, bright red, shiny, piquant. Said to be born erect (upright) on plant. Seeds yellow. Landrace. Seed.

PI 574545 to 574550-continued

- PI 574548 **donor id:** 1251. **origin:** Mexico. **local name:** chile totic. **collected:** October 12, 1993. **collector:** D.E. Williams. **collector id:** 1251. **locality:** Purchased in market of small town which is capital of the Totic Indians. Venustiano Carranza, Mpio. Venustiano Carranza, Edo. Chiapas. **latitude:** 16 deg. 35 min. N. **longitude:** 093 deg. 00 min. W. **elevation:** 475m. **remarks:** Dried fruits bluntly conical, 2-3cm long, 1-1.5cm diam. at base, dark red, shiny, piquant. Seeds yellow. Typical pepper of the locality. Landrace. Seed.
- PI 574549 **donor id:** 1260. **origin:** Mexico. **local name:** ik, chile indio. **collected:** October 17, 1993. **collector:** D.E. Williams, L.M. Arias-Reyes. **collector id:** 1260. **locality:** Purchased in market. Ticul, Mpio. Ticul, Edo. Yucatan. **latitude:** 20 deg. 24 min. N. **longitude:** 089 deg. 32 min. W. **elevation:** 35m. **remarks:** Dried fruits, conical, 2-5cm long, 1.5-2.0cm diam. at base, dark red, shiny, piquant. Seeds yellow. Locally grown variety. Landrace. Seed.
- PI 574550 **donor id:** 1262. **origin:** Mexico. **local name:** chile parado. **collected:** October 18, 1993. **collector:** D.E. Williams, L.M. Arias-Reyes. **collector id:** 1262. **locality:** Irrigated field, small Mayan farming village at foot of the Sierrita de Puuc. Calcehtok, Mpio. Opichen, Edo. Yucatan. **latitude:** 20 deg. 34 min. N. **longitude:** 089 deg. 55 min. W. **elevation:** 45m. **remarks:** Plants 50cm tall, herbaceous. Fruits bluntly conical, 10-12cm long, 3cm diam. at base, waxy yellow turning red when mature, borne upright but hang downward from weight of mature fruit. Mildly piquant. Seeds yellow. Locally cultivated variety. Landrace. Seed.

PI 574551. *Pachyrhizus erosus* (L.) Urban FABACEAE

Donated by: Williams, D.E., USDA-ARS, National Germplasm Resources Lab., 4th Floor, Bldg. 003, BARC-West, Beltsville, Maryland 20705, United States. Received November 16, 1993.

donor id: 1258. **origin:** Mexico. **local name:** xicam. **collected:** October 17, 1993. **collector:** D.E. Williams, L.M. Arias-Reyes. **collector id:** 1258. **locality:** Purchased from seed vendor in market. Ticul, Mpio. Ticul, Edo. Yucatan. **latitude:** 20 deg. 24 min. N. **longitude:** 089 deg. 32 min. W. **elevation:** 35m. **remarks:** Seeds pinkish brown. Landrace. Seed.

PI 574552. Cucurbita moschata (Duchesne) Poiret CUCURBITACEAE

Donated by: Williams, D.E., USDA-ARS, National Germplasm Resources Lab., 4th Floor, Bldg. 003, BARC-West, Beltsville, Maryland 20705, United States. Received November 16, 1993.

donor id: 1259. **origin:** Mexico. **local name:** xmehen k'uum = early squash. **collected:** October 17, 1993. **collector:** D.E. Williams, L.M. Arias-Reyes. **collector id:** 1259. **locality:** Purchased from seed vendor in market. Ticul, Mpio. Ticul, Edo. Yucatan. **latitude:** 20 deg. 24 min. N. **longitude:** 089 deg. 32 min. W. **elevation:** 35m. **remarks:** Fruit dark green-skinned, with dark orange flesh, patty pan shaped. Seeds small, white with brown margins. Landrace. Seed.

PI 574553 to 574620. Sorghum bicolor (L.) Moench POACEAE Sorghum

Donated by: Kolding, M.F., Oregon State University, 1910 SW 44, Pendleton, Oregon 97801-4221, United States. Received December 01, 1993.

PI 574553 **donor id:** FS1910-0-005. **origin:** United States. **developed:** M.F. Kolding. **origin institute:** Oregon State University, 1910 SW 44, Pendleton, Oregon 97801-4221 United States. **pedigree:** CT White male bulk. **remarks:** Cool tolerant. Enhanced selection from cool tolerant lines from CIMMYT. Grown in areas of Oregon subject to nighttime temp. less than 50 deg. F during anthesis, and in some areas below 45 deg. F. Crude protein 10.43%. Crude fat 4.24%. Crude fiber 3.31%. Ash 2.19%. Nitrogen free extract 79.83%. Total digestible nutrients 87.02% dry weight basis. Cool tolerance 2 (1-9, 1= very tolerant). Height 130cm. Kernel color 2 (1=white...4=brown). Kernel size 4 (1= small...9=very large). No lodging observed. Maturity 3 (1=early...9=very late). Breeding Material. Seed.

PI 574554 **donor id:** FS H2097-W01. **origin:** United States. **developed:** M.F. Kolding. **origin institute:** Oregon State University, 1910 SW 44, Pendleton, Oregon 97801-4221 United States. **pedigree:** CT White male bulk. **remarks:** Cool tolerant. Enhanced selection from cool tolerant lines from CIMMYT. Grown in areas of Oregon subject to nighttime temp. less than 50 deg. F during anthesis, and in some areas below 45 deg. F. Crude protein 11.89%. Crude fat 2.45%. Crude fiber 2.29%. Ash 1.78%. Nitrogen free extract 81.59%. Total digestible nutrients 85.80% dry weight basis. Cool tolerance 2 (1-9, 1= very tolerant). Height 130cm. Kernel color 1 (1=white...4=brown). Kernel size 4 (1= small...9=very large). No lodging observed. Maturity 3 (1=early...9=very late). Breeding Material. Seed.

PI 574553 to 574620-continued

- PI 574555 **donor id:** FS73015-001A. **origin:** United States.
developed: M.F. Kolding. **origin institute:** Oregon State University, 1910 SW 44, Pendleton, Oregon 97801-4221 United States. **pedigree:** Morrow bulk-CT/White SD sel. **remarks:** Cool tolerant. Enhanced selection from cool tolerant lines from CIMMYT. Grown in areas of Oregon subject to nighttime temp. less than 50 deg. F during anthesis, and in some areas below 45 deg. F. Crude protein 11.13%. Crude fat 2.23%. Crude fiber 2.90%. Ash 1.82%. Nitrogen free extract 81.92%. Total digestible nutrients 85.91% dry weight basis. Cool tolerance 4 (1-9, 1= very tolerant). Height 90cm. Kernel color 4 (1=white...4=brown). Kernel size 8 (1= small...9=very large). No lodging observed. Maturity 2 (1=early...9=very late). Breeding Material. Seed.
- PI 574556 **donor id:** FSBat-215-001A. **origin:** United States.
developed: M.F. Kolding. **origin institute:** Oregon State University, 1910 SW 44, Pendleton, Oregon 97801-4221 United States. **pedigree:** MAN 42-1/CT Bulk. **remarks:** Cool tolerant. Enhanced selection from cool tolerant lines from CIMMYT. Grown in areas of Oregon subject to nighttime temp. less than 50 deg. F during anthesis, and in some areas below 45 deg. F. Crude protein 8.97%. Crude fat 3.84%. Crude fiber 2.60%. Ash 2.38%. Nitrogen free extract 82.21%. Total digestible nutrients 86.94% dry weight basis. Cool tolerance 2 (1-9, 1= very tolerant). Height 130cm. Kernel color 3 (1=white...4=brown). Kernel size 7 (1= small...9=very large). No lodging observed. Maturity 2 (1=early...9=very late). Breeding Material. Seed.
- PI 574557 **donor id:** FSBat-215-001C. **origin:** United States.
developed: M.F. Kolding. **origin institute:** Oregon State University, 1910 SW 44, Pendleton, Oregon 97801-4221 United States. **pedigree:** MAN 42-1/CT Bulk. **remarks:** Cool tolerant. Enhanced selection from cool tolerant lines from CIMMYT. Grown in areas of Oregon subject to nighttime temp. less than 50 deg. F during anthesis, and in some areas below 45 deg. F. Crude protein 10.17%. Crude fat 4.04%. Crude fiber 2.94%. Ash 2.20%. Nitrogen free extract 82.21%. Total digestible nutrients 86.94% dry weight basis. Cool tolerance 5 (1-9, 1= very tolerant). Height 110cm. Kernel color 2 (1=white...4=brown). Kernel size 4 (1= small...9=very large). No lodging observed. Maturity 4 (1=early...9=very late). Breeding Material. Seed.

- PI 574558 **donor id:** FSEarly-R-001. **origin:** United States.
developed: M.F. Kolding. **origin institute:** Oregon State University, 1910 SW 44, Pendleton, Oregon 97801-4221 United States. **pedigree:** Early reliance ms/CT bulk. **remarks:** Cool tolerant. Enhanced selection from cool tolerant lines from CIMMYT. Grown in areas of Oregon subject to nighttime temp. less than 50 deg. F during anthesis, and in some areas below 45 deg. F. Crude protein 12.21%. Crude fat 1.83%. Crude fiber 3.12%. Ash 1.91%. Nitrogen free extract 80.93%. Total digestible nutrients 85.31% dry weight basis. Cool tolerance 5 (1-9, 1= very tolerant). Height 120cm. Kernel color 1 (1=white...4=brown). Kernel size 3 (1= small...9=very large). No lodging observed. Maturity 4 (1=early...9=very late). Breeding Material. Seed.
- PI 574559 **donor id:** FSEarly-R-003. **origin:** United States.
developed: M.F. Kolding. **origin institute:** Oregon State University, 1910 SW 44, Pendleton, Oregon 97801-4221 United States. **pedigree:** Early reliance ms/CT bulk. **remarks:** Cool tolerant. Enhanced selection from cool tolerant lines from CIMMYT. Grown in areas of Oregon subject to nighttime temp. less than 50 deg. F during anthesis, and in some areas below 45 deg. F. Crude protein 11.89%. Crude fat 1.51%. Crude fiber 3.10%. Ash 1.84%. Nitrogen free extract 81.66%. Total digestible nutrients 85.27% dry weight basis. Cool tolerance 6 (1-9, 1= very tolerant). Height 110cm. Kernel color 1 (1=white...4=brown). Kernel size 4 (1= small...9=very large). No lodging observed. Maturity 6 (1=early...9=very late). Breeding Material. Seed.
- PI 574560 **donor id:** FSEarly-R-006. **origin:** United States.
developed: M.F. Kolding. **origin institute:** Oregon State University, 1910 SW 44, Pendleton, Oregon 97801-4221 United States. **pedigree:** Early reliance ms/CT bulk. **remarks:** Cool tolerant. Enhanced selection from cool tolerant lines from CIMMYT. Grown in areas of Oregon subject to nighttime temp. less than 50 deg. F during anthesis, and in some areas below 45 deg. F. Crude protein 12.08%. Crude fat 1.34%. Crude fiber 2.85%. Ash 1.84%. Nitrogen free extract 81.89%. Total digestible nutrients 85.09% dry weight basis. Cool tolerance 3 (1-9, 1= very tolerant). Height 105cm. Kernel color 2 (1=white...4=brown). Kernel size 5 (1= small...9=very large). No lodging observed. Maturity 2 (1=early...9=very late). Breeding Material. Seed.

- PI 574561 **donor id:** FSEarly-R-010. **origin:** United States.
developed: M.F. Kolding. **origin institute:** Oregon State University, 1910 SW 44, Pendleton, Oregon 97801-4221 United States. **pedigree:** Early reliance ms/CT bulk. **remarks:** Cool tolerant. Enhanced selection from cool tolerant lines from CIMMYT. Grown in areas of Oregon subject to nighttime temp. less than 50 deg. F during anthesis, and in some areas below 45 deg. F. Crude protein 10.37%. Crude fat 2.90%. Crude fiber 2.51%. Ash 1.82%. Nitrogen free extract 82.40%. Total digestible nutrients 86.48% dry weight basis. Cool tolerance 3 (1-9, 1= very tolerant). Height 110cm. Kernel color 1 (1=white...4=brown). Kernel size 4 (1= small...9=very large). No lodging observed. Maturity 4 (1=early...9=very late). Breeding Material. Seed.
- PI 574562 **donor id:** FSEtype-R-1001. **origin:** United States.
developed: M.F. Kolding. **origin institute:** Oregon State University, 1910 SW 44, Pendleton, Oregon 97801-4221 United States. **pedigree:** Reliance ms//P74 A-S175/BJ-6/3/W-CT-bulk. **remarks:** Cool tolerant. Enhanced selection from cool tolerant lines from CIMMYT. Grown in areas of Oregon subject to nighttime temp. less than 50 deg. F during anthesis, and in some areas below 45 deg. F. Crude protein 12.53%. Crude fat 2.76%. Crude fiber 2.01%. Ash 1.75%. Nitrogen free extract 80.95%. Total digestible nutrients 85.80% dry weight basis. Cool tolerance 5 (1-9, 1= very tolerant). Height 100cm. Kernel color 1 (1=white...4=brown). Kernel size 5 (1= small...9=very large). No lodging observed. Maturity 5 (1=early...9=very late). Breeding Material. Seed.
- PI 574563 **donor id:** FSEtype-R-1005. **origin:** United States.
developed: M.F. Kolding. **origin institute:** Oregon State University, 1910 SW 44, Pendleton, Oregon 97801-4221 United States. **pedigree:** Reliance ms//P74 A-S175/BJ-6/3/W-CT-bulk. **remarks:** Cool tolerant. Enhanced selection from cool tolerant lines from CIMMYT. Grown in areas of Oregon subject to nighttime temp. less than 50 deg. F during anthesis, and in some areas below 45 deg. F. Crude protein 10.11%. Crude fat 3.13%. Crude fiber 3.00%. Ash 2.17%. Nitrogen free extract 81.59%. Total digestible nutrients 86.43% dry weight basis. Cool tolerance 3 (1-9, 1= very tolerant). Height 80cm. Kernel color 2 (1=white...4=brown). Kernel size 6 (1= small...9=very large). No lodging observed. Maturity 6 (1=early...9=very late). Breeding Material. Seed.

- PI 574564 **donor id:** FSEtype-R-1006. **origin:** United States.
developed: M.F. Kolding. **origin institute:** Oregon State University, 1910 SW 44, Pendleton, Oregon 97801-4221 United States. **pedigree:** Reliance ms//P74 A-S175/BJ-6/3/W-CT-bulk. **remarks:** Cool tolerant. Enhanced selection from cool tolerant lines from CIMMYT. Grown in areas of Oregon subject to nighttime temp. less than 50 deg. F during anthesis, and in some areas below 45 deg. F. Crude protein 12.27%. Crude fat 2.87%. Crude fiber 2.73%. Ash 1.90%. Nitrogen free extract 80.23%. Total digestable nutrients 85.88% dry weight basis. Cool tolerance 5 (1-9, 1= very tolerant). Height 95cm. Kernel color 1 (1=white...4=brown). Kernel size 7 (1= small...9=very large). No lodging observed. Maturity 7 (1=early...9=very late). Breeding Material. Seed.
- PI 574565 **donor id:** FSEtype-R-1007. **origin:** United States.
developed: M.F. Kolding. **origin institute:** Oregon State University, 1910 SW 44, Pendleton, Oregon 97801-4221 United States. **pedigree:** Reliance ms//P74 A-S175/BJ-6/3/W-CT-bulk. **remarks:** Cool tolerant. Enhanced selection from cool tolerant lines from CIMMYT. Grown in areas of Oregon subject to nighttime temp. less than 50 deg. F during anthesis, and in some areas below 45 deg. F. Crude protein 10.56%. Crude fat 2.84%. Crude fiber 3.14%. Ash 2.01%. Nitrogen free extract 81.45%. Total digestable nutrients 86.30% dry weight basis. Cool tolerance 4 (1-9, 1= very tolerant). Height 90cm. Kernel color 2 (1=white...4=brown). Kernel size 7 (1= small...9=very large). No lodging observed. Maturity 7 (1=early...9=very late). Breeding Material. Seed.
- PI 574566 **donor id:** FSEtype-R-1012. **origin:** United States.
developed: M.F. Kolding. **origin institute:** Oregon State University, 1910 SW 44, Pendleton, Oregon 97801-4221 United States. **pedigree:** Reliance ms//P74 A-S175/BJ-6/3/W-CT-bulk. **remarks:** Cool tolerant. Enhanced selection from cool tolerant lines from CIMMYT. Grown in areas of Oregon subject to nighttime temp. less than 50 deg. F during anthesis, and in some areas below 45 deg. F. Crude protein 11.64%. Crude fat 2.74%. Crude fiber 2.94%. Ash 1.85%. Nitrogen free extract 80.83%. Total digestable nutrients 86.05% dry weight basis. Cool tolerance 2 (1-9, 1= very tolerant). Height 90cm. Kernel color 1 (1=white...4=brown). Kernel size 7 (1= small...9=very large). No lodging observed. Maturity 8 (1=early...9=very late). Breeding Material. Seed.

- PI 574567 **donor id:** FS91/er0014. **origin:** United States. **developed:** M.F. Kolding. **origin institute:** Oregon State University, 1910 SW 44, Pendleton, Oregon 97801-4221 United States. **pedigree:** Reliance ms/CT-bulk//White CT. **remarks:** Cool tolerant. Enhanced selection from cool tolerant lines from CIMMYT. Grown in areas of Oregon subject to nighttime temp. less than 50 deg. F during anthesis, and in some areas below 45 deg. F. Crude protein 11.13%. Crude fat 2.19%. Crude fiber 2.87%. Ash 1.45%. Nitrogen free extract 82.36%. Total digestible nutrients 86.12% dry weight basis. Cool tolerance 4 (1-9, 1= very tolerant). Height 95cm. Kernel color 1 (1=white...4=brown). Kernel size 6 (1= small...9=very large). No lodging observed. Maturity 6 (1=early...9=very late). Breeding Material. Seed.
- PI 574568 **donor id:** FS91ER-016. **origin:** United States. **developed:** M.F. Kolding. **origin institute:** Oregon State University, 1910 SW 44, Pendleton, Oregon 97801-4221 United States. **pedigree:** Reliance ms/CT-bulk//White CT. **remarks:** Cool tolerant. Enhanced selection from cool tolerant lines from CIMMYT. Grown in areas of Oregon subject to nighttime temp. less than 50 deg. F during anthesis, and in some areas below 45 deg. F. Crude protein 10.94%. Crude fat 1.25%. Crude fiber 3.12%. Ash 1.40%. Nitrogen free extract 83.29%. Total digestible nutrients 85.78% dry weight basis. Cool tolerance 3 (1-9, 1= very tolerant). Height 85cm. Kernel color 1 (1=white...4=brown). Kernel size 4 (1= small...9=very large). No lodging observed. Maturity 2 (1=early...9=very late). Breeding Material. Seed.
- PI 574569 **donor id:** FS91ER-017. **origin:** United States. **developed:** M.F. Kolding. **origin institute:** Oregon State University, 1910 SW 44, Pendleton, Oregon 97801-4221 United States. **pedigree:** Reliance ms/CT-bulk//White CT. **remarks:** Cool tolerant. Enhanced selection from cool tolerant lines from CIMMYT. Grown in areas of Oregon subject to nighttime temp. less than 50 deg. F during anthesis, and in some areas below 45 deg. F. Crude protein 10.17%. Crude fat 2.16%. Crude fiber 2.86%. Ash 1.53%. Nitrogen free extract 83.28%. Total digestible nutrients 86.39% dry weight basis. Cool tolerance 4 (1-9, 1= very tolerant). Height 95cm. Kernel color 1 (1=white...4=brown). Kernel size 5 (1= small...9=very large). No lodging observed. Maturity 3 (1=early...9=very late). Breeding Material. Seed.

- PI 574570 **donor id:** FS91ER-023. **origin:** United States. **developed:** M.F. Kolding. **origin institute:** Oregon State University, 1910 SW 44, Pendleton, Oregon 97801-4221 United States. **pedigree:** Reliance ms/CT-bulk//White CT. **remarks:** Cool tolerant. Enhanced selection from cool tolerant lines from CIMMYT. Grown in areas of Oregon subject to nighttime temp. less than 50 deg. F during anthesis, and in some areas below 45 deg. F. Crude protein 11.70%. Crude fat 2.16%. Crude fiber 2.86%. Ash 1.53%. Nitrogen free extract 83.06%. Total digestible nutrients 85.95% dry weight basis. Cool tolerance 5 (1-9, 1= very tolerant). Height 95cm. Kernel color 1 (1=white...4=brown). Kernel size 5 (1= small...9=very large). No lodging observed. Maturity 3 (1=early...9=very late). Breeding Material. Seed.
- PI 574571 **donor id:** FS91ER-026. **origin:** United States. **developed:** M.F. Kolding. **origin institute:** Oregon State University, 1910 SW 44, Pendleton, Oregon 97801-4221 United States. **pedigree:** Reliance ms/CT-bulk//White CT. **remarks:** Cool tolerant. Enhanced selection from cool tolerant lines from CIMMYT. Grown in areas of Oregon subject to nighttime temp. less than 50 deg. F during anthesis, and in some areas below 45 deg. F. Crude protein 11.32%. Crude fat 2.93%. Crude fiber 3.86%. Ash 2.02%. Nitrogen free extract 79.87%. Total digestible nutrients 86.20% dry weight basis. Cool tolerance 4 (1-9, 1= very tolerant). Height 90cm. Kernel color 1 (1=white...4=brown). Kernel size 4 (1= small...9=very large). No lodging observed. Maturity 3 (1=early...9=very late). Breeding Material. Seed.
- PI 574572 **donor id:** FSEtype-R-1011. **origin:** United States. **developed:** M.F. Kolding. **origin institute:** Oregon State University, 1910 SW 44, Pendleton, Oregon 97801-4221 United States. **pedigree:** Reliance ms//P74 A-S175/BJ-6/3/W-CT-bulk. **remarks:** Cool tolerant. Enhanced selection from cool tolerant lines from CIMMYT. Grown in areas of Oregon subject to nighttime temp. less than 50 deg. F during anthesis, and in some areas below 45 deg. F. Cool tolerance 3 (1-9, 1=very tolerant). Height 100cm. Kernel color 1 (1=white...4=brown). Kernel size 6 (1=small...9=very large). No lodging observed. Maturity 7 (1=early...9=very late). Breeding Material. Seed.

- PI 574573 **donor id:** FS75628-1006. **origin:** United States.
developed: M.F. Kolding. **origin institute:** Oregon State University, 1910 SW 44, Pendleton, Oregon 97801-4221 United States. **pedigree:** FS 72 Bat263-503/CT-W-bulk. **remarks:** Cool tolerant. Enhanced selection from cool tolerant lines from CIMMYT. Grown in areas of Oregon subject to nighttime temp. less than 50 deg. F during anthesis, and in some areas below 45 deg. F. Crude protein 9.98%. Crude fat 4.28%. Crude fiber 4.56%. Ash 1.73%. Nitrogen free extract 79.45%. Total digestible nutrients 87.71% dry weight basis. Cool tolerance 4 (1-9, 1= very tolerant). Height 105cm. Kernel color 1 (1=white...4=brown). Kernel size 7 (1= small...9=very large). No lodging observed. Maturity 4 (1=early...9=very late). Breeding Material. Seed.
- PI 574574 **donor id:** FS75628-1010. **origin:** United States.
developed: M.F. Kolding. **origin institute:** Oregon State University, 1910 SW 44, Pendleton, Oregon 97801-4221 United States. **pedigree:** FS 72 Bat263-503/CT-W-bulk. **remarks:** Cool tolerant. Enhanced selection from cool tolerant lines from CIMMYT. Grown in areas of Oregon subject to nighttime temp. less than 50 deg. F during anthesis, and in some areas below 45 deg. F. Crude protein 11.70%. Crude fat 2.81%. Crude fiber 4.39%. Ash 2.03%. Nitrogen free extract 79.07%. Total digestible nutrients 86.07% dry weight basis. Cool tolerance 3 (1-9, 1= very tolerant). Height 110cm. Kernel color 2 (1=white...4=brown). Kernel size 3 (1= small...9=very large). No lodging observed. Maturity 8 (1=early...9=very late). Breeding Material. Seed.
- PI 574575 **donor id:** FS77711-003. **origin:** United States.
developed: M.F. Kolding. **origin institute:** Oregon State University, 1910 SW 44, Pendleton, Oregon 97801-4221 United States. **pedigree:** BJ-94/CT-bulk. **remarks:** Cool tolerant. Enhanced selection from cool tolerant lines from CIMMYT. Grown in areas of Oregon subject to nighttime temp. less than 50 deg. F during anthesis, and in some areas below 45 deg. F. Crude protein 9.60%. Crude fat 1.42%. Crude fiber 1.95%. Ash 1.09%. Nitrogen free extract 85.94%. Total digestible nutrients 86.40% dry weight basis. Cool tolerance 3 (1-9, 1= very tolerant). Height 100cm. Kernel color 2 (1=white...4=brown). Kernel size 4 (1= small...9=very large). No lodging observed. Maturity 3 (1=early...9=very late). Breeding Material. Seed.

- PI 574576 **donor id:** FS77711A-003. **origin:** United States. **developed:** M.F. Kolding. **origin institute:** Oregon State University, 1910 SW 44, Pendleton, Oregon 97801-4221 United States. **pedigree:** BJ-94/CT-bulk. **remarks:** Cool tolerant. Enhanced selection from cool tolerant lines from CIMMYT. Grown in areas of Oregon subject to nighttime temp. less than 50 deg. F during anthesis, and in some areas below 45 deg. F. Crude protein 12.78%. Crude fat 2.27%. Crude fiber 3.12%. Ash 1.94%. Nitrogen free extract 85.89%. Total digestible nutrients 85.39% dry weight basis. Cool tolerance 6 (1-9, 1= very tolerant). Height 110cm. Kernel color 1 (1=white...4=brown). Kernel size 6 (1= small...9=very large). No lodging observed. Maturity 6 (1=early...9=very late). Breeding Material. Seed.
- PI 574577 **donor id:** FS77711B. **origin:** United States. **developed:** M.F. Kolding. **origin institute:** Oregon State University, 1910 SW 44, Pendleton, Oregon 97801-4221 United States. **pedigree:** BJ-94/CT-bulk. **remarks:** Cool tolerant. Enhanced selection from cool tolerant lines from CIMMYT. Grown in areas of Oregon subject to nighttime temp. less than 50 deg. F during anthesis, and in some areas below 45 deg. F. Crude protein 10.75%. Crude fat 2.39%. Crude fiber 3.32%. Ash 1.68%. Nitrogen free extract 81.86%. Total digestible nutrients 86.28% dry weight basis. Cool tolerance 3 (1-9, 1= very tolerant). Height 90cm. Kernel color 1 (1=white...4=brown). Kernel size 4 (1= small...9=very large). No lodging observed. Maturity 5 (1=early...9=very late). Breeding Material. Seed.
- PI 574578 **donor id:** FS77711C-002. **origin:** United States. **developed:** M.F. Kolding. **origin institute:** Oregon State University, 1910 SW 44, Pendleton, Oregon 97801-4221 United States. **pedigree:** BJ-94/CT-bulk. **remarks:** Cool tolerant. Enhanced selection from cool tolerant lines from CIMMYT. Grown in areas of Oregon subject to nighttime temp. less than 50 deg. F during anthesis, and in some areas below 45 deg. F. Crude protein 12.72%. Crude fat 3.81%. Crude fiber 2.24%. Ash 1.69%. Nitrogen free extract 79.54%. Total digestible nutrients 86.45% dry weight basis. Cool tolerance 3 (1-9, 1= very tolerant). Height 80cm. Kernel color 1 (1=white...4=brown). Kernel size 4 (1= small...9=very large). No lodging observed. Maturity 3 (1=early...9=very late). Breeding Material. Seed.

PI 574579 **donor id:** FS77711E-001. **origin:** United States.
developed: M.F. Kolding. **origin institute:** Oregon State University, 1910 SW 44, Pendleton, Oregon 97801-4221 United States. **pedigree:** BJ-94/CT-bulk. **remarks:** Cool tolerant. Enhanced selection from cool tolerant lines from CIMMYT. Grown in areas of Oregon subject to nighttime temp. less than 50 deg. F during anthesis, and in some areas below 45 deg. F. Crude protein 11.64%. Crude fat 1.95%. Crude fiber 2.27%. Ash 1.26%. Nitrogen free extract 82.88%. Total digestible nutrients 86.03% dry weight basis. Cool tolerance 4 (1-9, 1= very tolerant). Height 95cm. Kernel color 1 (1=white...4=brown). Kernel size 4 (1= small...9=very large). No lodging observed. Maturity 6 (1=early...9=very late). Breeding Material. Seed.

PI 574580 **donor id:** FS77711F-001. **origin:** United States.
developed: M.F. Kolding. **origin institute:** Oregon State University, 1910 SW 44, Pendleton, Oregon 97801-4221 United States. **pedigree:** BJ-94/CT-bulk. **remarks:** Cool tolerant. Enhanced selection from cool tolerant lines from CIMMYT. Grown in areas of Oregon subject to nighttime temp. less than 50 deg. F during anthesis, and in some areas below 45 deg. F. Crude protein 10.43%. Crude fat 2.69%. Crude fiber 2.73%. Ash 1.79%. Nitrogen free extract 82.36%. Total digestible nutrients 86.39% dry weight basis. Cool tolerance 3 (1-9, 1= very tolerant). Height 85cm. Kernel color 1 (1=white...4=brown). Kernel size 4 (1= small...9=very large). No lodging observed. Maturity 2 (1=early...9=very late). Breeding Material. Seed.

PI 574581 **donor id:** FS77711F-002. **origin:** United States.
developed: M.F. Kolding. **origin institute:** Oregon State University, 1910 SW 44, Pendleton, Oregon 97801-4221 United States. **pedigree:** BJ-94/CT-bulk. **remarks:** Cool tolerant. Enhanced selection from cool tolerant lines from CIMMYT. Grown in areas of Oregon subject to nighttime temp. less than 50 deg. F during anthesis, and in some areas below 45 deg. F. Crude protein 10.56%. Crude fat 2.53%. Crude fiber 2.34%. Ash 1.04%. Nitrogen free extract 83.53%. Total digestible nutrients 86.88% dry weight basis. Cool tolerance 3 (1-9, 1= very tolerant). Height 95cm. Kernel color 1 (1=white...4=brown). Kernel size 4 (1= small...9=very large). No lodging observed. Maturity 5 (1=early...9=very late). Breeding Material. Seed.

- PI 574582 **donor id:** FS77711F-003. **origin:** United States.
developed: M.F. Kolding. **origin institute:** Oregon State University, 1910 SW 44, Pendleton, Oregon 97801-4221 United States. **pedigree:** BJ-94/CT-bulk. **remarks:** Cool tolerant. Enhanced selection from cool tolerant lines from CIMMYT. Grown in areas of Oregon subject to nighttime temp. less than 50 deg. F during anthesis, and in some areas below 45 deg. F. Crude protein 9.86%. Crude fat 2.09%. Crude fiber 2.41%. Ash 1.71%. Nitrogen free extract 83.93%. Total digestible nutrients 86.23% dry weight basis. Cool tolerance 5 (1-9, 1= very tolerant). Height 100cm. Kernel color 1 (1=white...4=brown). Kernel size 4 (1= small...9=very large). No lodging observed. Maturity 3 (1=early...9=very late). Breeding Material. Seed.
- PI 574583 **donor id:** FS77711F-004. **origin:** United States.
developed: M.F. Kolding. **origin institute:** Oregon State University, 1910 SW 44, Pendleton, Oregon 97801-4221 United States. **pedigree:** BJ-94/CT-bulk. **remarks:** Cool tolerant. Enhanced selection from cool tolerant lines from CIMMYT. Grown in areas of Oregon subject to nighttime temp. less than 50 deg. F during anthesis, and in some areas below 45 deg. F. Crude protein 9.73%. Crude fat 2.40%. Crude fiber 2.33%. Ash 2.51%. Nitrogen free extract 83.93%. Total digestible nutrients 86.23% dry weight basis. Cool tolerance 3 (1-9, 1= very tolerant). Height 90cm. Kernel color 1 (1=white...4=brown). Kernel size 4 (1= small...9=very large). No lodging observed. Maturity 4 (1=early...9=very late). Breeding Material. Seed.
- PI 574584 **donor id:** FS77717D-001. **origin:** United States.
developed: M.F. Kolding. **origin institute:** Oregon State University, 1910 SW 44, Pendleton, Oregon 97801-4221 United States. **pedigree:** CT-Union-BJ-238/CT-bulk. **remarks:** Cool tolerant. Enhanced selection from cool tolerant lines from CIMMYT. Grown in areas of Oregon subject to nighttime temp. less than 50 deg. F during anthesis, and in some areas below 45 deg. F. Crude protein 10.94%. Crude fat 2.06%. Crude fiber 3.49%. Ash 2.20%. Nitrogen free extract 81.31%. Total digestible nutrients 85.59% dry weight basis. Cool tolerance 3 (1-9, 1= very tolerant). Height 115cm. Kernel color 1 (1=white...4=brown). Kernel size 5 (1= small...9=very large). No lodging observed. Maturity 3 (1=early...9=very late). Breeding Material. Seed.

- PI 574585 **donor id:** FS777X1-1003. **origin:** United States.
developed: M.F. Kolding. **origin institute:** Oregon State University, 1910 SW 44, Pendleton, Oregon 97801-4221 United States. **pedigree:** 45875/CT37-5//CT-bulk.
remarks: Cool tolerant. Enhanced selection from cool tolerant lines from CIMMYT. Grown in areas of Oregon subject to nighttime temp. less than 50 deg. F during anthesis, and in some areas below 45 deg. F. Crude protein 11.64%. Crude fat 1.77%. Crude fiber 3.08%. Ash 1.55%. Nitrogen free extract 81.96%. Total digestible nutrients 85.75% dry weight basis. Cool tolerance 3 (1-9, 1= very tolerant). Height 100cm. Kernel color 1 (1=white...4=brown). Kernel size 5 (1= small...9=very large). No lodging observed. Maturity 8 (1=early...9=very late). Breeding Material. Seed.
- PI 574586 **donor id:** FS777X1-1004. **origin:** United States.
developed: M.F. Kolding. **origin institute:** Oregon State University, 1910 SW 44, Pendleton, Oregon 97801-4221 United States. **pedigree:** 45875/CT37-5//CT-bulk.
remarks: Cool tolerant. Enhanced selection from cool tolerant lines from CIMMYT. Grown in areas of Oregon subject to nighttime temp. less than 50 deg. F during anthesis, and in some areas below 45 deg. F. Crude protein 13.67%. Crude fat 1.81%. Crude fiber 2.52%. Ash 1.49%. Nitrogen free extract 80.51%. Total digestible nutrients 85.20% dry weight basis. Cool tolerance 3 (1-9, 1= very tolerant). Height 110cm. Kernel color 1 (1=white...4=brown). Kernel size 5 (1= small...9=very large). No lodging observed. Maturity 4 (1=early...9=very late). Breeding Material. Seed.
- PI 574587 **donor id:** FS777X1-1010. **origin:** United States.
developed: M.F. Kolding. **origin institute:** Oregon State University, 1910 SW 44, Pendleton, Oregon 97801-4221 United States. **pedigree:** 45875/CT37-5//CT-bulk.
remarks: Cool tolerant. Enhanced selection from cool tolerant lines from CIMMYT. Grown in areas of Oregon subject to nighttime temp. less than 50 deg. F during anthesis, and in some areas below 45 deg. F. Crude protein 11.26%. Crude fat 4.93%. Crude fiber 3.74%. Ash 1.97%. Nitrogen free extract 78.10%. Total digestible nutrients 87.44% dry weight basis. Cool tolerance 4 (1-9, 1= very tolerant). Height 120cm. Kernel color 1 (1=white...4=brown). Kernel size 5 (1= small...9=very large). No lodging observed. Maturity 2 (1=early...9=very late). Breeding Material. Seed.

- PI 574588 **donor id:** FS777X1G-005. **origin:** United States.
developed: M.F. Kolding. **origin institute:** Oregon State University, 1910 SW 44, Pendleton, Oregon 97801-4221 United States. **pedigree:** 45875/CT37-5//CT-bulk.
remarks: Cool tolerant. Enhanced selection from cool tolerant lines from CIMMYT. Grown in areas of Oregon subject to nighttime temp. less than 50 deg. F during anthesis, and in some areas below 45 deg. F. Crude protein 12.06%. Crude fat 2.93%. Crude fiber 3.10%. Ash 2.30%. Nitrogen free extract 79.59%. Total digestible nutrients 85.65% dry weight basis. Cool tolerance 3 (1-9, 1= very tolerant). Height 100cm. Kernel color 1 (1=white...4=brown). Kernel size 4 (1= small...9=very large). No lodging observed. Maturity 6 (1=early...9=very late). Breeding Material. Seed.
- PI 574589 **donor id:** FS777X1G-006. **origin:** United States.
developed: M.F. Kolding. **origin institute:** Oregon State University, 1910 SW 44, Pendleton, Oregon 97801-4221 United States. **pedigree:** 45875/CT37-5//CT-bulk.
remarks: Cool tolerant. Enhanced selection from cool tolerant lines from CIMMYT. Grown in areas of Oregon subject to nighttime temp. less than 50 deg. F during anthesis, and in some areas below 45 deg. F. Crude protein 13.23%. Crude fat 1.74%. Crude fiber 1.73%. Ash 1.62%. Nitrogen free extract 81.68%. Total digestible nutrients 85.08% dry weight basis. Cool tolerance 5 (1-9, 1= very tolerant). Height 120cm. Kernel color 1 (1=white...4=brown). Kernel size 5 (1= small...9=very large). No lodging observed. Maturity 5 (1=early...9=very late). Breeding Material. Seed.
- PI 574590 **donor id:** FS777X1H-001. **origin:** United States.
developed: M.F. Kolding. **origin institute:** Oregon State University, 1910 SW 44, Pendleton, Oregon 97801-4221 United States. **pedigree:** 45875/CT37-5//CT-bulk.
remarks: Cool tolerant. Enhanced selection from cool tolerant lines from CIMMYT. Grown in areas of Oregon subject to nighttime temp. less than 50 deg. F during anthesis, and in some areas below 45 deg. F. Crude protein 12.78%. Crude fat 2.38%. Crude fiber 2.26%. Ash 1.47%. Nitrogen free extract 81.11%. Total digestible nutrients 85.78% dry weight basis. Cool tolerance 6 (1-9, 1= very tolerant). Height 100cm. Kernel color 1 (1=white...4=brown). Kernel size 4 (1= small...9=very large). No lodging observed. Maturity 3 (1=early...9=very late). Breeding Material. Seed.

PI 574553 to 574620-continued

PI 574591 **donor id:** FS777X2-005. **origin:** United States.
developed: M.F. Kolding. **origin institute:** Oregon State University, 1910 SW 44, Pendleton, Oregon 97801-4221 United States. **pedigree:** TAM BK47/CT41-2//CT-bulk.
remarks: Cool tolerant. Enhanced selection from cool tolerant lines from CIMMYT. Grown in areas of Oregon subject to nighttime temp. less than 50 deg. F during anthesis, and in some areas below 45 deg. F. Crude protein 11.00%. Crude fat 2.22%. Crude fiber 3.32%. Ash 1.96%. Nitrogen free extract 81.50%. Total digestible nutrients 85.86% dry weight basis. Cool tolerance 4 (1-9, 1= very tolerant). Height 95cm. Kernel color 1 (1=white...4=brown). Kernel size 4 (1= small...9=very large). No lodging observed. Maturity 3 (1=early...9=very late). Breeding Material. Seed.

PI 574592 **donor id:** FS777X2C-001. **origin:** United States.
developed: M.F. Kolding. **origin institute:** Oregon State University, 1910 SW 44, Pendleton, Oregon 97801-4221 United States. **pedigree:** TAM BK47/CT41-2//CT-bulk.
remarks: Cool tolerant. Enhanced selection from cool tolerant lines from CIMMYT. Grown in areas of Oregon subject to nighttime temp. less than 50 deg. F during anthesis, and in some areas below 45 deg. F. Crude protein 11.64%. Crude fat 2.07%. Crude fiber 3.39%. Ash 1.68%. Nitrogen free extract 81.22%. Total digestible nutrients 85.85% dry weight basis. Cool tolerance 4 (1-9, 1= very tolerant). Height 90cm. Kernel color 1 (1=white...4=brown). Kernel size 5 (1= small...9=very large). No lodging observed. Maturity 7 (1=early...9=very late). Breeding Material. Seed.

PI 574593 **donor id:** FS777X3-1001. **origin:** United States.
developed: M.F. Kolding. **origin institute:** Oregon State University, 1910 SW 44, Pendleton, Oregon 97801-4221 United States. **pedigree:** 45875/CT37-5//CT-bulk.
remarks: Cool tolerant. Enhanced selection from cool tolerant lines from CIMMYT. Grown in areas of Oregon subject to nighttime temp. less than 50 deg. F during anthesis, and in some areas below 45 deg. F. Crude protein 11.06%. Crude fat 4.07%. Crude fiber 3.05%. Ash 2.04%. Nitrogen free extract 79.78%. Total digestible nutrients 86.84% dry weight basis. Cool tolerance 2 (1-9, 1= very tolerant). Height 130cm. Kernel color 1 (1=white...4=brown). Kernel size 5 (1= small...9=very large). No lodging observed. Maturity 3 (1=early...9=very late). Breeding Material. Seed.

- PI 574594 **donor id:** FS777X3-1003. **origin:** United States.
developed: M.F. Kolding. **origin institute:** Oregon State University, 1910 SW 44, Pendleton, Oregon 97801-4221 United States. **pedigree:** 45875/CT37-5//CT-bulk.
remarks: Cool tolerant. Enhanced selection from cool tolerant lines from CIMMYT. Grown in areas of Oregon subject to nighttime temp. less than 50 deg. F during anthesis, and in some areas below 45 deg. F. Crude protein 10.62%. Crude fat 4.04%. Crude fiber 3.82%. Ash 1.98%. Nitrogen free extract 79.54%. Total digestible nutrients 87.09% dry weight basis. Cool tolerance 5 (1-9, 1= very tolerant). Height 60cm. Kernel color 1 (1=white...4=brown). Kernel size 6 (1= small...9=very large). No lodging observed. Maturity 6 (1=early...9=very late). Breeding Material. Seed.
- PI 574595 **donor id:** FS77735-D001. **origin:** United States.
developed: M.F. Kolding. **origin institute:** Oregon State University, 1910 SW 44, Pendleton, Oregon 97801-4221 United States. **pedigree:** CT-bulk selection. **remarks:** Cool tolerant. Enhanced selection from cool tolerant lines from CIMMYT. Grown in areas of Oregon subject to nighttime temp. less than 50 deg. F during anthesis, and in some areas below 45 deg. F. Crude protein 8.71%. Crude fat 2.55%. Crude fiber 2.89%. Ash 1.49%. Nitrogen free extract 84.36%. Total digestible nutrients 87.01% dry weight basis. Cool tolerance 3 (1-9, 1= very tolerant). Height 110cm. Kernel color 1 (1=white...4=brown). Kernel size 5 (1= small...9=very large). No lodging observed. Maturity 2 (1=early...9=very late). Breeding Material. Seed.
- PI 574596 **donor id:** FSCT Norm-003. **origin:** United States.
developed: M.F. Kolding. **origin institute:** Oregon State University, 1910 SW 44, Pendleton, Oregon 97801-4221 United States. **pedigree:** Helix-CT//Morrow bulk/CT.
remarks: Cool tolerant. Enhanced selection from cool tolerant lines from CIMMYT. Grown in areas of Oregon subject to nighttime temp. less than 50 deg. F during anthesis, and in some areas below 45 deg. F. Cool tolerance 2 (1-9, 1= very tolerant). Height 90cm. Kernel color 4 (1=white...4=brown). Kernel size 5 (1=small...9=very large). No lodging observed. Maturity 2 (1=early...9=very late). Breeding Material. Seed.

- PI 574597 **donor id:** FSCT Norm-004. **origin:** United States.
developed: M.F. Kolding. **origin institute:** Oregon State University, 1910 SW 44, Pendleton, Oregon 97801-4221 United States. **pedigree:** Helix-CT//Morrow bulk/CT. **remarks:** Cool tolerant. Enhanced selection from cool tolerant lines from CIMMYT. Grown in areas of Oregon subject to nighttime temp. less than 50 deg. F during anthesis, and in some areas below 45 deg. F. Cool tolerance 2 (1-9, 1= very tolerant). Height 90cm. Kernel color 4 (1=white...4=brown). Kernel size 4 (1=small...9=very large). No lodging observed. Maturity 3 (1=early...9=very late). Breeding Material. Seed.
- PI 574598 **donor id:** FSCT Norm-006. **origin:** United States.
developed: M.F. Kolding. **origin institute:** Oregon State University, 1910 SW 44, Pendleton, Oregon 97801-4221 United States. **pedigree:** Helix-CT//Morrow bulk/CT. **remarks:** Cool tolerant. Enhanced selection from cool tolerant lines from CIMMYT. Grown in areas of Oregon subject to nighttime temp. less than 50 deg. F during anthesis, and in some areas below 45 deg. F. Cool tolerance 2 (1-9, 1= very tolerant). Height 70cm. Kernel color 4 (1=white...4=brown). Kernel size 5 (1=small...9=very large). No lodging observed. Maturity 1 (1=early...9=very late). Breeding Material. Seed.
- PI 574599 **donor id:** FSCT Norm-007. **origin:** United States.
developed: M.F. Kolding. **origin institute:** Oregon State University, 1910 SW 44, Pendleton, Oregon 97801-4221 United States. **pedigree:** Helix-CT//Morrow bulk/CT. **remarks:** Cool tolerant. Enhanced selection from cool tolerant lines from CIMMYT. Grown in areas of Oregon subject to nighttime temp. less than 50 deg. F during anthesis, and in some areas below 45 deg. F. Cool tolerance 2 (1-9, 1= very tolerant). Height 110cm. Kernel color 3 (1=white...4=brown). Kernel size 6 (1=small...9=very large). No lodging observed. Maturity 3 (1=very early...9=very late). Breeding Material. Seed.
- PI 574600 **donor id:** FS72Bat-215-E-002. **origin:** United States.
developed: M.F. Kolding. **origin institute:** Oregon State University, 1910 SW 44, Pendleton, Oregon 97801-4221 United States. **pedigree:** Man 42-1/CT-Bulk. **remarks:** Cool tolerant. Enhanced selection from cool tolerant lines from CIMMYT. Grown in areas of Oregon subject to nighttime temp. less than 50 deg. F during anthesis, and in some areas below 45 deg. F. Cool tolerance 2 (1-9, 1= very tolerant). Height 95cm. Kernel color 4 (1=white...4=brown). Kernel size 6 (1=small...9=very large). No lodging observed. Maturity 3 (1=very early...9=very late). Breeding Material. Seed.

- PI 574601 **donor id:** FS72-215-001B. **origin:** United States.
developed: M.F. Kolding. **origin institute:** Oregon State University, 1910 SW 44, Pendleton, Oregon 97801-4221 United States. **pedigree:** Man 42-1/CT-Bulk. **remarks:** Cool tolerant. Enhanced selection from cool tolerant lines from CIMMYT. Grown in areas of Oregon subject to nighttime temp. less than 50 deg. F during anthesis, and in some areas below 45 deg. F. Cool tolerance 2 (1-9, 1= very tolerant). Height 110cm. Kernel color 4 (1=white...4=brown). Kernel size 3 (1=small...9=very large). No lodging observed. Maturity 2 (1=very early...9=very late). Breeding Material. Seed.
- PI 574602 **donor id:** FS73015-016. **origin:** United States.
developed: M.F. Kolding. **origin institute:** Oregon State University, 1910 SW 44, Pendleton, Oregon 97801-4221 United States. **pedigree:** Morrow bulk-CT/Helix CT-bulk. **remarks:** Cool tolerant. Enhanced selection from cool tolerant lines from CIMMYT. Grown in areas of Oregon subject to nighttime temp. less than 50 deg. F during anthesis, and in some areas below 45 deg. F. Cool tolerance 2 (1-9, 1= very tolerant). Height 110cm. Kernel color 4 (1=white...4=brown). Kernel size 7 (1=small...9=very large). No lodging observed. Maturity 3 (1=very early...9=very late). Breeding Material. Seed.
- PI 574603 **donor id:** FS73015-015-92B. **origin:** United States.
developed: M.F. Kolding. **origin institute:** Oregon State University, 1910 SW 44, Pendleton, Oregon 97801-4221 United States. **pedigree:** Morrow bulk-CT/Helix CT-bulk. **remarks:** Cool tolerant. Enhanced selection from cool tolerant lines from CIMMYT. Grown in areas of Oregon subject to nighttime temp. less than 50 deg. F during anthesis, and in some areas below 45 deg. F. Cool tolerance 2 (1-9, 1= very tolerant). Height 115cm. Kernel color 4 (1=white...4=brown). Kernel size 5 (1=small...9=very large). No lodging observed. Maturity 3 (1=very early...9=very late). Breeding Material. Seed.
- PI 574604 **donor id:** FS73015-015. **origin:** United States.
developed: M.F. Kolding. **origin institute:** Oregon State University, 1910 SW 44, Pendleton, Oregon 97801-4221 United States. **pedigree:** Morrow bulk-CT/Helix CT-Bulk. **remarks:** Cool tolerant. Enhanced selection from cool tolerant lines from CIMMYT. Grown in areas of Oregon subject to nighttime temp. less than 50 deg. F during anthesis, and in some areas below 45 deg. F. Cool tolerance 2 (1-9, 1= very tolerant). Height 115cm. Kernel color 4 (1=white...4=brown). Kernel size 6 (1=small...9=very large). No lodging observed. Maturity 4 (1=very early...9=very late). Breeding Material. Seed.

PI 574553 to 574620-continued

- PI 574605 **donor id:** FS73015-D001. **origin:** United States.
developed: M.F. Kolding. **origin institute:** Oregon State University, 1910 SW 44, Pendleton, Oregon 97801-4221 United States. **pedigree:** Morrow bulk-CT/Helix CT-bulk. **remarks:** Cool tolerant. Enhanced selection from cool tolerant lines from CIMMYT. Grown in areas of Oregon subject to nighttime temp. less than 50 deg. F during anthesis, and in some areas below 45 deg. F. Cool tolerance 2 (1-9, 1= very tolerant). Height 90cm. Kernel color 4 (1=white...4=brown). Kernel size 4 (1=small...9=very large). No lodging observed. Maturity 3 (1=very early...9=very late). Breeding Material. Seed.
- PI 574606 **donor id:** FS73015-002B. **origin:** United States.
developed: M.F. Kolding. **origin institute:** Oregon State University, 1910 SW 44, Pendleton, Oregon 97801-4221 United States. **pedigree:** Morrow bulk-CT/Helix CT-bulk. **remarks:** Cool tolerant. Enhanced selection from cool tolerant lines from CIMMYT. Grown in areas of Oregon subject to nighttime temp. less than 50 deg. F during anthesis, and in some areas below 45 deg. F. Cool tolerance 3 (1-9, 1= very tolerant). Height 90cm. Kernel color 4 (1=white...4=brown). Kernel size 3 (1=small...9=very large). No lodging observed. Maturity 3 (1=very early...9=very late). Breeding Material. Seed.
- PI 574607 **donor id:** FS75621-H003. **origin:** United States.
developed: M.F. Kolding. **origin institute:** Oregon State University, 1910 SW 44, Pendleton, Oregon 97801-4221 United States. **pedigree:** T75-1514/Pend CTBulk//Herm CTbulk. **remarks:** Cool tolerant. Enhanced selection from cool tolerant lines from CIMMYT. Grown in areas of Oregon subject to nighttime temp. less than 50 deg. F during anthesis, and in some areas below 45 deg. F. Breeding Material. Seed.
- PI 574608 **donor id:** FS75621-B002. **origin:** United States.
developed: M.F. Kolding. **origin institute:** Oregon State University, 1910 SW 44, Pendleton, Oregon 97801-4221 United States. **pedigree:** T75-1514/Pend CTBulk//Herm CTbulk. **remarks:** Cool tolerant. Enhanced selection from cool tolerant lines from CIMMYT. Grown in areas of Oregon subject to nighttime temp. less than 50 deg. F during anthesis, and in some areas below 45 deg. F. Cool tolerance 3 (1-9, 1= very tolerant). Height 85cm. Kernel color 4 (1=white...4=brown). Kernel size 5 (1=small...9=very large). No lodging observed. Maturity 2 (1=very early...9=very late). Kernels break easily. Breeding Material. Seed.

- PI 574609 **donor id:** FS75623-B001. **origin:** United States.
developed: M.F. Kolding. **origin institute:** Oregon State University, 1910 SW 44, Pendleton, Oregon 97801-4221 United States. **pedigree:** T75A-1811/Pend CTBulk//Herm CTbulk. **remarks:** Cool tolerant. Enhanced selection from cool tolerant lines from CIMMYT. Grown in areas of Oregon subject to nighttime temp. less than 50 deg. F during anthesis, and in some areas below 45 deg. F. Cool tolerance 4 (1-9, 1= very tolerant). Height 105cm. Kernel color 3 (1=white...4=brown). Kernel size 7 (1=small...9=very large). No lodging observed. Maturity 4 (1=very early...9=very late). Breeding Material. Seed.
- PI 574610 **donor id:** FS77717A-001. **origin:** United States.
developed: M.F. Kolding. **origin institute:** Oregon State University, 1910 SW 44, Pendleton, Oregon 97801-4221 United States. **pedigree:** CT-Union-BJ-238/CT-bulk. **remarks:** Cool tolerant. Enhanced selection from cool tolerant lines from CIMMYT. Grown in areas of Oregon subject to nighttime temp. less than 50 deg. F during anthesis, and in some areas below 45 deg. F. Cool tolerance 5 (1-9, 1= very tolerant). Height 80cm. Kernel color 4 (1=white...4=brown). Kernel size 3 (1=small...9=very large). No lodging observed. Maturity 3 (1=very early...9=very late). Breeding Material. Seed.
- PI 574611 **donor id:** FS77717A-002. **origin:** United States.
developed: M.F. Kolding. **origin institute:** Oregon State University, 1910 SW 44, Pendleton, Oregon 97801-4221 United States. **pedigree:** CT-Union-BJ-238/CT-bulk. **remarks:** Cool tolerant. Enhanced selection from cool tolerant lines from CIMMYT. Grown in areas of Oregon subject to nighttime temp. less than 50 deg. F during anthesis, and in some areas below 45 deg. F. Cool tolerance 2 (1-9, 1= very tolerant). Height 85cm. Kernel color 4 (1=white...4=brown). Kernel size 3 (1=small...9=very large). No lodging observed. Maturity 3 (1=very early...9=very late). Breeding Material. Seed.
- PI 574612 **donor id:** FS77717B-001. **origin:** United States.
developed: M.F. Kolding. **origin institute:** Oregon State University, 1910 SW 44, Pendleton, Oregon 97801-4221 United States. **pedigree:** CT-Union-BJ-238/CT-bulk. **remarks:** Cool tolerant. Enhanced selection from cool tolerant lines from CIMMYT. Grown in areas of Oregon subject to nighttime temp. less than 50 deg. F during anthesis, and in some areas below 45 deg. F. Cool tolerance 2 (1-9, 1= very tolerant). Height 140cm. Kernel color 3 (1=white...4=Brown). Kernel size 7 (1=small...9=very large). No lodging observed. Maturity 3 (1=very early...9=very late). Breeding Material. Seed.

- PI 574613 **donor id:** FS77717C-001. **origin:** United States.
developed: M.F. Kolding. **origin institute:** Oregon State University, 1910 SW 44, Pendleton, Oregon 97801-4221 United States. **pedigree:** CT-Union-BJ-238/CT-bulk.
remarks: Cool tolerant. Enhanced selection from cool tolerant lines from CIMMYT. Grown in areas of Oregon subject to nighttime temp. less than 50 deg. F during anthesis, and in some areas below 45 deg. F. Cool tolerance 4 (1-9, 1= very tolerant). Height 125cm. Kernel color 3 (1=white...4=Brown). Kernel size 8 (1=small...9=very large). No lodging observed. Maturity 5 (1=very early...9=very late). Breeding Material. Seed.
- PI 574614 **donor id:** FS777X1E-001. **origin:** United States.
developed: M.F. Kolding. **origin institute:** Oregon State University, 1910 SW 44, Pendleton, Oregon 97801-4221 United States. **pedigree:** 45875/CT37-5//CT-bulk.
remarks: Cool tolerant. Enhanced selection from cool tolerant lines from CIMMYT. Grown in areas of Oregon subject to nighttime temp. less than 50 deg. F during anthesis, and in some areas below 45 deg. F. Cool tolerance 2 (1-9, 1= very tolerant). Height 115cm. Kernel color 4 (1=white...4=Brown). Kernel size 3 (1=small...9=very large). No lodging observed. Maturity 4 (1=very early...9=very late). Breeding Material. Seed.
- PI 574615 **donor id:** FS777X1G-001. **origin:** United States.
developed: M.F. Kolding. **origin institute:** Oregon State University, 1910 SW 44, Pendleton, Oregon 97801-4221 United States. **pedigree:** 45875/CT37-5//CT-bulk.
remarks: Cool tolerant. Enhanced selection from cool tolerant lines from CIMMYT. Grown in areas of Oregon subject to nighttime temp. less than 50 deg. F during anthesis, and in some areas below 45 deg. F. Cool tolerance 2 (1-9, 1= very tolerant). Height 105cm. Kernel color 3 (1=white...4=Brown). Kernel size 1 (1=small...9=very large). No lodging observed. Maturity 3 (1=very early...9=very late). Breeding Material. Seed.
- PI 574616 **donor id:** FS777X2-001. **origin:** United States.
developed: M.F. Kolding. **origin institute:** Oregon State University, 1910 SW 44, Pendleton, Oregon 97801-4221 United States. **pedigree:** Tam BK47/CT41-2//Pend-CTBulk/3/Herm-CTbulk. **remarks:** Cool tolerant. Enhanced selection from cool tolerant lines from CIMMYT. Grown in areas of Oregon subject to nighttime temp. less than 50 deg. F during anthesis, and in some areas below 45 deg. F. Cool tolerance 2 (1-9, 1= very tolerant). Height 100cm. Kernel color 4 (1=white...4=Brown). Kernel size 3 (1=small...9=very large). No lodging observed. Maturity 3 (1=very early...9=very late). Breeding Material. Seed.

- PI 574617 **donor id:** FS777X2-013. **origin:** United States. **developed:** M.F. Kolding. **origin institute:** Oregon State University, 1910 SW 44, Pendleton, Oregon 97801-4221 United States. **pedigree:** Tam BK47/CT41-2//Pend-CTBulk/3/Herm-CTbulk. **remarks:** Cool tolerant. Enhanced selection from cool tolerant lines from CIMMYT. Grown in areas of Oregon subject to nighttime temp. less than 50 deg. F during anthesis, and in some areas below 45 deg. F. Cool tolerance 2 (1-9, 1= very tolerant). Height 120cm. Kernel color 4 (1=white...4=Brown). Kernel size 7 (1=small...9=very large). No lodging observed. Maturity 3 (1=very early...9=very late). Breeding Material. Seed.
- PI 574618 **donor id:** FS77714-001. **origin:** United States. **developed:** M.F. Kolding. **origin institute:** Oregon State University, 1910 SW 44, Pendleton, Oregon 97801-4221 United States. **pedigree:** BJ-168/Pend-CTBulk//Herm-CTbulk. **remarks:** Cool tolerant. Enhanced selection from cool tolerant lines from CIMMYT. Grown in areas of Oregon subject to nighttime temp. less than 50 deg. F during anthesis, and in some areas below 45 deg. F. Cool tolerance 2 (1-9, 1= very tolerant). Height 120cm. Kernel color 4 (1=white...4=Brown). Kernel size 3 (1=small...9=very large). No lodging observed. Maturity 6 (1=very early...9=very late). Breeding Material. Seed.
- PI 574619 **donor id:** FS91ER-033. **origin:** United States. **developed:** M.F. Kolding. **origin institute:** Oregon State University, 1910 SW 44, Pendleton, Oregon 97801-4221 United States. **pedigree:** Reliance ms/CT-bulk//White CT. **remarks:** Cool tolerant. Enhanced selection from cool tolerant lines from CIMMYT. Grown in areas of Oregon subject to nighttime temp. less than 50 deg. F during anthesis, and in some areas below 45 deg. F. Cool tolerance 3 (1-9, 1= very tolerant). Height 100cm. Kernel color 4 (1=white...4=Brown). Kernel size 6 (1=small...9=very large). No lodging observed. Maturity 4 (1=very early...9=very late). Breeding Material. Seed.

PI 574553 to 574620-continued

PI 574620 **donor id:** FS9093-001. **origin:** United States. **developed:** M.F. Kolding. **origin institute:** Oregon State University, 1910 SW 44, Pendleton, Oregon 97801-4221 United States. **pedigree:** Nb.90CB30 Ms/90Herm-CTbulk. **remarks:** Cool tolerant. Enhanced selection from cool tolerant lines from CIMMYT. Grown in areas of Oregon subject to nighttime temp. less than 50 deg. F during anthesis, and in some areas below 45 deg. F. Cool tolerance 4 (1-9, 1=very tolerant). Height 120cm. Kernel color 2 (1=white...4=Brown). Kernel size 7 (1=small...9=very large). No lodging observed. Maturity 4 (1=very early...9=very late). Breeding Material. Seed.

PI 574621 to 574624. *Cuphea viscosissima* Jacq. LYTHRACEAE

Donated by: Knapp, S.J., Oregon Agr. Exp. Sta., Oregon State University, Corvallis, Oregon 97331-3002, United States. Received December 03, 1993.

PI 574621 **origin:** United States. **cultivar:** VS-6-CPR-1. **pedigree:** Near isogenic inbred line of the *C. viscosissima* inbred line VS-6 (PI 534911). Selection was practiced among M2 and M3 progeny to fix mutant alleles and develop homozygous lines. **remarks:** Fatty acid mutant line developed by selecting for fatty acid percentage shifts among 862 M2 lines developed by self-pollinating M1 individuals from PI 534911 mutagenized with ethyl methane sulfonate. Decreased capric acid and increased caprylic, lauric, myristic, and palmitic acid percentages. Breeding Material. Seed.

PI 574622 **origin:** United States. **cultivar:** VS-6-CPR-4. **pedigree:** Near isogenic inbred line of the *C. viscosissima* inbred line VS-6 (PI 534911). Selection was practiced among M2 and M3 progeny to fix mutant alleles and develop homozygous lines. **remarks:** Fatty acid mutant line developed by selecting for fatty acid percentage shifts among 862 M2 lines developed by self-pollinating M1 individuals from PI 534911 mutagenized with ethyl methane sulfonate. Decreased capric acid and increased caprylic, lauric, myristic, and palmitic acid percentages. Breeding Material. Seed.

PI 574621 to 574624-continued

PI 574623 **origin:** United States. **cultivar:** VS-6-CPY-1. **pedigree:** Near isogenic inbred line of the *C. viscosissima* inbred line VS-6 (PI 534911). Selection was practiced among M2 and M3 progeny to fix mutant alleles and develop homozygous lines. **remarks:** Fatty acid mutant line developed by selecting for fatty acid percentage shifts among 862 M2 lines developed by self-pollinating M1 individuals from PI 534911 mutagenized with ethyl methane sulfonate. Decreased caproic and caprylic acid and increased lauric myristic acid percentages. Breeding Material. Seed.

PI 574624 **origin:** United States. **cultivar:** VS-6-MYR-1. **pedigree:** Near isogenic inbred line of the *C. viscosissima* inbred line VS-6 (PI 534911). Selection was practiced among M2 and M3 progeny to fix mutant alleles and develop homozygous lines. **remarks:** Fatty acid mutant line developed by selecting for fatty acid percentage shifts among 862 M2 lines developed by self-pollinating M1 individuals from PI 53491 mutagenized with ethyl methane sulfonate. Decreased lauric, myristic, and palmitic acid and increased caproic, caprylic, and capric acid percentages. Breeding Material. Seed.

PI 574625 to 574630. *Beta vulgaris* L. CHENOPODIACEAE Sugarbeet

Donated by: Panella, L., USDA-ARS, Sugarbeet Research Unit, Fort Collins, Colorado 80526-2083, United States. Received December 03, 1993.

PI 574625 **origin:** United States. **cultivar:** FC715. **pedigree:** Gene contributions of 17% from FC504, 17% from FC502-2, 16% from 662110sl, and 50% from FC708. Four cycles of mass selection for *Rhizoctonia* root rot resistance. **other id:** 911026HO. **remarks:** Diploid, monogerm, pollen-fertile, O-type, pseudo-self-fertile germplasm. Genetically heterogeneous, relatively vigorous, easy bolting, and moderately tolerant to *Cercospora* leaf spot (*Cercospora beticola*), with low to medium resistance to the curly top virus; 21% green hypocotyls. O-type (maintainer line) of its CMS equivalent, FC715CMS. Excellent resistance to *Rhizoctonia* root and crown rot (*R. solani* AG-2-2) when tested under strong disease pressure. Biennial. Breeding Material. Seed.

- PI 574626 **origin:** United States. **cultivar:** FC715CMS. **pedigree:** BC7 of ([FC504CMS X FC502-2] X 662119s1) X FC708 backcrossed to FC715. **other id:** 911026H01. **remarks:** Diploid, monogerm, cytoplasmic-genetic male sterile (in pseudo-self-fertile genetic background) germplasm. Genetically heterogeneous, relatively vigorous, easy bolting, and moderately tolerant to *Cercospora* leaf spot (*Cercospora beticola*), with low to medium resistance to curly top virus; 21% green hypocotyls. Maintained by its O-type equivalent, FC715. Excellent resistance to *Rhizoctonia* root and crown rot (*R. solani* AG-2-2) when tested under strong disease pressure. Biennial. Breeding Material. Seed.
- PI 574627 **origin:** United States. **cultivar:** FC716. **pedigree:** Interpollination of *Rhizoctonia*-resistant selections from HH32 (66%), ACH-139 (24%) and 70MSH386 (10%) and five generations of cyclic mass selection for *Rhizoctonia* root rot resistance. **other id:** 911028. **remarks:** Diploid, multigerm, easy bolting, medium sucrose content, and 88% green hypocotyls. All plants have the cytoplasmic factor for male sterility (CMS) but segregate about 80% pollen fertile (non-O-type) and 20% CMS. Good pollen producer. Low frequency of segregants for monogerm and O-type. Potential source of resistant pollinators with high combining ability. Excellent *Rhizoctonia* (*R. solani* AG-2-2) root rot resistance when tested under strong disease pressure. Low-medium leaf spot (*Cercospora beticola*) resistance and susceptible to curly top virus. Biennial. Breeding Material. Seed.
- PI 574628 **origin:** United States. **cultivar:** FC717. **pedigree:** FC708/ACH14. The resultant F2 population underwent four generations of cyclic mass selection for *Rhizoctonia* resistance. **other id:** 911031. **remarks:** Diploid, multigerm, medium sucrose, and 17% green hypocotyls. Low frequency of monogerm and O-type segregants, normal cytoplasm, and good pollen producer. No combining ability data, but has potential as a source for selection of high combining, resistant pollinators. Excellent *Rhizoctonia* (*R. solani* AG-2-2) root rot resistance when tested under strong disease pressure. Low-medium leaf spot (*Cercospora beticola*) resistance and susceptible to curly top virus. Biennial. Breeding Material. Seed.

PI 574625 to 574630-continued

PI 574629 **origin:** United States. **cultivar:** FC718. **pedigree:** Interpollination of *Rhizoctonia* resistant selections from 4 USSR open-pollinated populations (Ramonsk 06 [5 plants], Ramonsk 100 [2 plants], Verkhynyachsk 072 [1 plant], and Vladovsk 20 [1 plant]). **other id:** 911032. **remarks:** Diploid, multigerm, low sucrose, and 27% green hypocotyls. Vigorous and heterogeneous. Potential source of high combining, resistant pollinators. Excellent *Rhizoctonia* (*R. solani* Ag-2-2) root rot resistance when tested under strong disease pressure. Unrelated to any other FC releases, but the resistance appears to be quantitative and reacts with the pathogen in the same manner as resistant germplasm from U.S. sources. Susceptible to leaf spot (*Cercospora beticola*) and curly top. Biennial. Breeding Material. Seed.

PI 574630 **origin:** United States. **cultivar:** FC719. **pedigree:** Polish 2x-4-73/Syn OP (FC702-5/FC701-5). **other id:** 911037. **remarks:** Diploid, multigerm, high sucrose, and 71% green hypocotyls. Because half the genes in the source were from a high sucrose Polish population unrelated to any U.S. germplasm, should have some genetic diversity and potential to yield high-combining, resistant pollinators. Excellent *Rhizoctonia* (*R. solani* AG-2-2) root rot resistance when tested under strong disease pressure. Little resistance to leaf spot (*Cercospora beticola*) or curly top. Biennial. Breeding Material. Seed.

PI 574631 to 574637. *Helianthus annuus* L. ASTERACEAE Sunflower

Donated by: Jan, C.C., USDA-ARS, Northern Crop Science Laboratory, Fargo, North Dakota 58105-5677, United States. Received December 03, 1993.

PI 574631 **origin:** United States. **cultivar:** PH1. **pedigree:** Resistant wild *Helianthus* accessions X HA 89. F1 plants resistant to all 4 North American rust races backcrossed to HA 89. BC1F1 resistant plants backcrossed to HA 89. Self-pollinated resistant BC2F1, BC2F2 and BC2F3 plants. **remarks:** Most plants single-headed and self-compatible. Plant height 1.5m. Seeds either black or black with white stripes, 1,000 seed weight of 34g. 87.5% cultivated *H. annuus* and 12.5% wild *Helianthus* nuclear genes in HA 89 cytoplasm. BC2F4 generation has dominant resistance genes against each of the four predominant North American rust races with an approximate frequency of 66%. Spring Annual. Breeding Material. Seed.

- PI 574632 **origin:** United States. **cultivar:** PH2. **pedigree:** Resistant wild Helianthus accessions X HA 89. F1 plants resistant to all 4 North American rust races backcrossed to HA 89. BC1F1 resistant plants backcrossed to HA 89. Self-pollinated resistant BC2F1, BC2F2 and BC2F3 plants. **remarks:** Most plants single-headed and self-compatible. Plant height 1.5m. Seeds either black or black with white stripes, 1,000 seed weight of 34g. 87.5% cultivated H. annuus and 12.5% wild Helianthus nuclear genes in HA 89 cytoplasm. BC2F4 generation has dominant resistance genes against each of the four predominant North American rust races with an approximate frequency of 66%. Spring Annual. Breeding Material. Seed.
- PI 574633 **origin:** United States. **cultivar:** PH3. **pedigree:** Resistant wild Helianthus accessions X HA 89. F1 plants resistant to all 4 North American rust races backcrossed to HA 89. BC1F1 resistant plants backcrossed to HA 89. Self-pollinated resistant BC2F1, BC2F2 and BC2F3 plants. **remarks:** Most plants single-headed and self-compatible. Plant height 1.5m. Seeds either black or black with white stripes, 1,000 seed weight of 34g. 87.5% cultivated H. annuus and 12.5% wild Helianthus nuclear genes in HA 89 cytoplasm. BC2F4 generation has dominant resistance genes against each of the four predominant North American rust races with an approximate frequency of 66%. Spring Annual. Breeding Material. Seed.
- PI 574634 **origin:** United States. **cultivar:** PH4. **pedigree:** Resistant wild Helianthus accessions X HA 89. F1 plants resistant to all 4 North American rust races backcrossed to HA 89. BC1F1 resistant plants backcrossed to HA 89. Self-pollinated resistant BC2F1, BC2F2 and BC2F3 plants. **remarks:** Most plants single-headed and self-compatible. Plant height 1.5m. Seeds either black or black with white stripes, 1,000 seed weight of 34g. 87.5% cultivated H. annuus and 12.5% wild Helianthus nuclear genes in HA 89 cytoplasm. BC2F4 generation has dominant resistance genes against each of the four predominant North American rust races with an approximate frequency of 66%. Spring Annual. Breeding Material. Seed.

PI 574631 to 574637-continued

PI 574635 **origin:** United States. **cultivar:** PH5. **pedigree:** Resistant wild Helianthus accessions X HA 89. F1 plants resistant to all 4 North American rust races backcrossed to HA 89. BC1F1 resistant plants backcrossed to HA 89. Self-pollinated resistant BC2F1, BC2F2 and BC2F3 plants. **remarks:** Most plants single-headed and self-compatible. Plant height 1.5m. Seed either black or black with white stripes, 1,000 seed weight of 34g. 87.5% cultivated H. annuus and 12.5% wild Helianthus nuclear genes in HA 89 cytoplasm. BC2F4 generation has dominant resistance genes against each of the four predominant North American rust races with an approximate frequency of 66%. Spring Annual. Breeding Material. Seed.

PI 574636 **origin:** United States. **cultivar:** PH6. **pedigree:** Resistant wild Helianthus accessions X HA 89. F1 plants resistant to all 4 North American rust races backcrossed to HA 89. BC1F1 resistant plant backcrossed to HA 89. Self-pollinated resistant BC2F1, BC2F2 and BC2F3 plants. **remarks:** Most plants single-headed and self-compatible. Plant height 1.5m. Seeds either black or black with white stripes, 1,000 seed weight of 34g. 87.5% cultivated H. annuus and 12.5% wild Helianthus nuclear genes in HA 89 cytoplasm. BC2F4 generation has dominant resistance genes against each of the four predominant North American rust races with an approximate frequency of 66%. Spring Annual. Breeding Material. Seed.

PI 574637 **origin:** United States. **cultivar:** PH7. **pedigree:** Resistant wild Helianthus accessions X HA 89. F1 plants resistant to all 4 North American rust races backcrossed to HA 89. BC1F1 resistant plants backcrossed to HA 89. Self-pollinated resistant BC2F1, BC2F2 and BC2F3 plants. **remarks:** Most plants single-headed and self-compatible. Plant height 1.5m. Seeds either black or black with white stripes, 1,000 seed weight of 34g. 87.5% cultivated H. annuus and 12.5% wild Helianthus nuclear genes in HA 89 cytoplasm. BC2F4 has dominant resistance genes against each of the four predominant North American rust races with an approximate frequency of 66%. Spring Annual. Breeding Material. Seed.

PI 574638 to 574641. Helianthus annuus L. ASTERACEAE Sunflower

Donated by: Jan, C.C., USDA-ARS, Northern Crop Science Laboratory, Fargo, North Dakota 58105-5677, United States. Received December 03, 1993.

PI 574638 **origin:** United States. **cultivar:** PLH1. **pedigree:** Resistant wild H. annuus plants X HA 89. F1 plants resistant to downy mildew race 4 backcrossed to cms HA 89. Resistant male-fertile BC1F1 plants backcrossed to HA 89. Resistant BC2F1 and BC2F2 plants self-pollinated. **remarks:** Most plants single-headed and self-compatible. Plant height 1.5m. Seeds either black or black with white stripes, 1,000 seed weight of 37g. 87.5% cultivated H. annuus and 12.5% wild H. annuus nuclear genes in HA 89 cytoplasm. BC2F3 generation has dominant sunflower downy mildew race 4 resistance genes at approximately 50%. Also has dominant fertility restoration gene(s), for the cms PET-1 cytoplasm, derived from respective wild H. annuus accessions at an approximate frequency of 25%. Spring Annual. Breeding Material. Seed.

PI 574639 **origin:** United States. **cultivar:** PLH2. **pedigree:** Resistant wild H. annuus plants X HA 89. F1 plants resistant to downy mildew race 4 backcrossed to cms HA 89. Resistant male-fertile BC1F1 plants backcrossed to HA 89. Resistant BC2F1 and BC2F2 plants self-pollinated. **remarks:** Most plants single-headed and self-compatible. Plant height 1.5m. Seeds either black or black with white stripes, 1,000 seed weight of 37g. 87.5% cultivated H. annuus and 12.5% wild H. annuus nuclear genes in HA 89 cytoplasm. BC2F3 generation has dominant sunflower downy mildew race 4 resistance genes at approximately 50%. Also has dominant fertility restoration gene(s), for the cms PET-1 cytoplasm, derived from respective wild H. annuus accessions at an approximate frequency of 25%. Spring Annual. Breeding Material. Seed.

PI 574640 **origin:** United States. **cultivar:** PLH3. **pedigree:** Resistant wild H. annuus plants X HA 89. F1 plants resistant to downy mildew race 4 backcrossed to cms HA 89. Resistant male-fertile BC1F1 plants backcrossed to HA 89. Resistant BC2F1 and BC2F2 plants self-pollinated. **remarks:** Most plants single-headed and self-compatible. Plant height 1.5m. Seeds either black or black with white stripes, 1,000 seed weight of 37g. 87.5% cultivated H. annuus and 12.5% wild H. annuus nuclear genes in HA 89 cytoplasm. BC2F3 generation has dominant sunflower downy mildew race 4 resistance genes at approximately 50%. Also has dominant fertility restoration gene(s), for the cms PET-1 cytoplasm, derived from respective wild H. annuus accessions at an approximate frequency of 25%. Spring Annual. Breeding Material. Seed.

PI 574638 to 574641-continued

PI 574641 **origin:** United States. **cultivar:** PLH4. **pedigree:** Resistant wild *H. annuus* plants X HA 89. F1 plants resistant to downy mildew race 4 backcrossed to cms HA 89. Resistant male-fertile BC1F1 plants backcrossed to HA 89. Resistant BC2F1 and BC2F2 plants self-pollinated. **remarks:** Most plants single-headed and self-compatible. Plant height 1.5m. Seeds either black or black with white stripes, 1,000 seed weight of 37g. 87.5% cultivated *H. annuus* and 12.5% wild *H. annuus* nuclear genes in HA 89 cytoplasm. BC2F3 generation has dominant sunflower downy mildew race 4 resistance genes at approximately 50%. Also has dominant fertility restoration gene(s), for the cms PET-1 cytoplasm, derived from respective wild *H. annuus* accessions at a frequency of 25%. Spring Annual. Breeding Material. Seed.

PI 574642. *Triticum aestivum* L., nom. cons. POACEAE Wheat

Donated by: Talbert, L.E., Montana Agr. Exp. Sta., Montana State University, Bozeman, Montana 59717-0312, United States. **remarks:** McNeal Wheat. Received December 03, 1993.

origin: United States. **developed:** S.P. Lanning, L.E. Talbert, C.F. McGuire, H.R. Bowman, G.R. Carlson, G.D. Jackson, J.L. Eckhoff, G.D. Kushnak. **origin institute:** Montana Agr. Exp. Sta., Montana State University, Bozeman, Montana 59717 United States. **cultivar:** McNEAL. **pedigree:** PI 125000/Centana//PK176/Frontiera///Glenman. **other id:** CV-794. **group:** CSR-WHEAT. **restricted:** CSR. **remarks:** Hard red spring semidwarf with the Rht2 genotype, although height is a bit more than most Rht2 genotypes. Maturity mid-season. Awned with brown chaff and straw. Moderately resistant to prevalent races of stem rust (*Puccinia graminus*). Moderately susceptible to stripe rust (*Puccinia striiformis*). Yields especially well in eastern Montana. Spring Annual. Cultivar. Seed.

PI 574643 to 574657. *Camellia* hybrid THEACEAE *Camellia*

Donated by: Ackerman, W.L., U.S. National Arboretum, USDA-ARS, 3501 New York Avenue, NE, Washington, District of Columbia 20002, United States. Received December 01, 1993.

PI 574643 to 574657-continued

- PI 574643 **donor id:** 81-1151. **origin:** United States. **developed:** W.L. Ackerman. **cultivar:** ASHTON'S PRIDE. **pedigree:** *Camellia oleifera* PI 162561/*C. sasanqua* 'Santozaki'. **remarks:** Plant very vigorous, spreading growth, 8' tall, 7' wide at 12 years. Leaves thick, leathery, semi-glossy, dark green, lanceolate, 3" long, 3/4" wide with crenate margins. Flowers 2-5/8" medium to pale pink, single, 6 notched and cupped petals. Blooms mid Nov. to Dec. Cold hardy to -10 deg. F. Shrub. Cultivar. Plant.
- PI 574644 **donor id:** 81-889. **origin:** United States. **developed:** W.L. Ackerman. **cultivar:** WINTER'S BEAUTY. **pedigree:** B61148 *Camellia japonica* 'Billie McCaskill'/*C. oleifera* PI 162561. **remarks:** Plant moderate, spreading growth, 6' tall, 6' wide at 12 years. Leaves leathery, dullish, dark green, elliptic to ovate, 3-1/4" long, 1-1/4" wide crenate to serrate at apex margins. Flowers 3", medium, glowing shell pink with very light pink petaloids near the center, peony form, frilly, 19 petals and 7 petaloids. Very hardy flower buds. Blooms late Dec.- Jan. Cold hardy to -10 deg. F. Shrub. Cultivar. Plant.
- PI 574645 **donor id:** 80-11. **origin:** United States. **developed:** W.L. Ackerman. **cultivar:** WINTER'S CUPID. **pedigree:** *Camellia oleifera* PI 162561/9-142 (PI 277763/*C. hiemalis* 'Shishi gashira'). **remarks:** Plant moderately upright, 8' tall, 4-1/2' wide at 13 years. Leaves thick, leathery, semi-glossy, dark green, ovate, 2-1/2" long, 1-1/2" wide with crenate margins. Flowers 2-3/4", white, flushed light pink near apex, buds pink, semi-double, 14 curved and fluted petals. Blooms late Nov.-Dec. Cold hardy to -10 deg. F. Shrub. Cultivar. Plant.
- PI 574646 **donor id:** ABC-1. **origin:** United States. **developed:** W.L. Ackerman. **cultivar:** WINTER'S DARLING. **pedigree:** *Camellia hiemalis* 'Shishi-gashira'/*C. oleifera* PI 162475. **remarks:** Plant moderately upright, 6' tall, 4' wide at 12 years. Leaves leathery, semi-glossy, dark green, elliptic to lanceolate, 3" long, 7/8" wide, crenate margins. Flowers 2" miniature, deep cerise pink 2-tone anemone, 10 petals and 36 petaloids. Blooms Nov.- Dec. Cold hardy to -10 deg. F. Shrub. Cultivar. Plant.
- PI 574647 **donor id:** 81-1058. **origin:** United States. **developed:** W.L. Ackerman. **cultivar:** WINTER'S DREAM. **pedigree:** *Camellia hiemalis* 'Peach Puff'/*C. oleifera* (PI 162561). **other id:** NA 63422. **remarks:** Plant upright, vigorous growth, 10' tall, 5' wide at 12 years. Leaves leathery, dark, glossy green, elliptic to lanceolate, 3" long, 1-1/8" wide, crenate margins. Flowers 3-3/4", pink, semi-double, 15 petals, 3 petaloids. Blooms Oct.- Nov. Cold hardy to -10 deg. F. Shrub. Cultivar. Plant.

- PI 574648 **donor id:** 80-229. **origin:** United States. **developed:** W.L. Ackerman. **cultivar:** WINTER'S FIRE. **pedigree:** Frost Prince/C. vernalis 'Takarazuka'. **remarks:** Plant vigorous, upright growth, 8' tall, 5' wide at 13 years. Leaves leathery, semi-glossy, dark green, elliptic to obovate, 3-1/2" long, 1-5/8" wide with crenate to somewhat serrate margins. Flowers 4-1/2" medium reddish pink, semi-double with upright creased petals, star-like, 12 petals. Blooms long, Nov.- Jan. Cold hardy to -10 deg. F. Shrub. Cultivar. Plant.
- PI 574649 **donor id:** 80-418. **origin:** United States. **developed:** W.L. Ackerman. **cultivar:** WINTER'S INTERLUDE. **pedigree:** Camellia oleifera/C. sp. 'Pink' Tea' (Feathers). **other id:** NA 63423. **remarks:** Plant moderately vigorous, 8' tall, 4-1/2' wide at 13 years. Leaves leathery, dark green, glossy, elliptic to somewhat obovate, 3-1/4" long, 1-3/8" wide, crenate margins. Flowers 3", pink, anemone form, 12 petals, 76 petaloids, no anthers. Blooms Nov.- Dec. Cold hardy to -10 deg. F. Shrub. Cultivar. Plant.
- PI 574650 **donor id:** 80-376. **origin:** United States. **developed:** W.L. Ackerman. **cultivar:** WINTER'S INTERPLAY. **pedigree:** Camellia oleifera PI 162561/C. sp. 'Pink Tea' (Feathers). **remarks:** Plant 8' tall, 4-1/2' wide at 13 years. Leaves 3-1/4" long, 1-3/8" wide, crenate margins, elliptic to somewhat obovate, dark green, shiny. Flowers 3", pale pink, anemone form, 12 petals, 76 petaloids, no anthers. Blooms Oct.- Nov. Cold hardy to -10 deg. F. Shrub. Cultivar. Plant.
- PI 574651 **donor id:** 81-462. **origin:** United States. **developed:** W.L. Ackerman. **cultivar:** WINTER'S JOY. **pedigree:** 69-142 (Camellia sasanqua PI 277763/C. hiemalis 'Shishigashira')/C. oleifera PI 162561. **remarks:** Plant vigorous, upright growth, 12' tall, 5' wide at 12 years. Leaves leathery glossy, dark green, elliptic, 2-5/8" long, 1-1/8" wide crenate margins. Flowers 3-1/2", bright pink, semi-double, 19 crepy petals. Blooms Nov.- Dec. Cold hardy to -10 deg. F. Shrub. Cultivar. Plant.
- PI 574652 **donor id:** 81-966. **origin:** United States. **developed:** W.L. Ackerman. **cultivar:** WINTER'S PEACHY. **pedigree:** Camellia japonica 'Shikishima' PI 418371/C. oleifera PI 162561. **remarks:** Plant moderately vigorous, very upright growth, 7' tall, 3' wide at 12 years. Leaves leathery, semi-glossy, dark green, elliptic, 3" long, 1-1/4" wide, with crenate margins. Flowers 2-3/4", bright shell peachy pink, semi-double, 20 fluted and cupped petals. Blooms Nov.- Dec. Cold hardy to -10 deg. F. Shrub. Cultivar. Plant.

PI 574643 to 574657-continued

- PI 574653 **donor id:** 80-23. **origin:** United States. **developed:** W.L. Ackerman. **cultivar:** WINTER'S PEONY. **pedigree:** Camellia oleifera (PI 162561)/69-112 (C. sasanqua PI 277763 /C. hiemalis 'Shishi-gashira'). **remarks:** Plant excellent, bushy pyramidal form. Moderate to vigorous growth, 8' tall, 4' wide at 13 years. Leaves leathery, glossy, dark green, elliptic, 2-3/4" long, 1" wide with crenate margins. Flowers 2-1/2" medium to light pink, semi-double to peony form, 36 petals, 14 petaloids, floriferous. Blooms Nov.- Dec. Cold hardy to -10 deg. F. Shrub. Cultivar. Plant.
- PI 574654 **donor id:** 81-746. **origin:** United States. **developed:** W.L. Ackerman. **cultivar:** WINTER'S PETITE. **pedigree:** Camellia Frost Prince/Variety Z. **remarks:** Plant dwarf in habit, 3' tall, 3' wide at 12 years. Leaves small, dark green, glossy. Flowers 1-1/2", medium pink, rose form double 20 petals. Blooms late Nov. Cold hard to -10 deg. F. Shrub. Cultivar. Plant.
- PI 574655 **donor id:** 81-51. **origin:** United States. **developed:** W.L. Ackerman. **cultivar:** WINTER'S SNOWMAN. **pedigree:** 69-142 (Camellia sasanqua PI 277763/C. hiemalis 'Shishi-gashira')/C. oleifera PI 162561. **remarks:** Plant vigorous, upright growth, 12' tall, 5' wide at 12 years. Leaves leathery, semi-glossy, dark green, elliptic, 3" long, 1-1/8" wide, crenate margins. Flowers 3", white, semi-double to mostly anemone, slightly cupped, pink buds, 17 petals, 34 petaloids. Blooms Nov.- Dec. Cold hardy to -10 deg. F. Shrub. Cultivar. Plant.
- PI 574656 **donor id:** 80-500B. **origin:** United States. **developed:** W.L. Ackerman. **cultivar:** WINTER'S TOUGHIE. **pedigree:** Camellia oleifera PI 162561/C. sasanqua 'Jean May'. **remarks:** Plant moderate growth, somewhat spreading 8' tall, 5-1/2' wide at 13 years. Leaves thick, leathery, glossy dark green, elliptic, 3-1/2" long, 1-1/4" wide, with crenate margins. Flowers 3-1/2", lavender pink, semi-double, 17 fluted and notched petals. Buds very hardy. Blooms late Nov.- Dec. Cold hardy to -10 deg. F. Shrub. Cultivar. Plant.
- PI 574657 **donor id:** 81-1104. **origin:** United States. **developed:** W.L. Ackerman. **cultivar:** WINTER'S WATERLILY. **pedigree:** Camellia oleifera/C. sasanqua 'Mini-no-Yuki'. **other id:** NA 63424. **remarks:** Plant moderate growth, 7' tall, 4-1/2' wide at 12 years. Leaves leathery, dark green, semi-glossy, ovate, 2-1/2" long, 1-1/8" wide, with crenate margins. Flowers 3-1/4", white, anemone to formal double with 21 petals, 15 petaloids petaloids. Blooms Nov.- Dec. Cold hardy to -10 deg. F. Shrub. Cultivar. Plant.

PI 574658 to 575698. *Oryza sativa* L. POACEAE

Donated by: Bangladesh Rice Research Institute, P.O. Box BRRI, Gazipur, Bangladesh. Received July 28, 1993.

- PI 574658 **donor id:** BRRI 1. **origin:** Bangladesh. **cultivar:** BR1. **other id:** BE-4830. **other id:** Q 31010. **remarks:** Early, upland, drought tolerant, cold tolerant at vegetative stage. BRRI-developed variety. Season: Aus, Boro. Annual. Seed.
- PI 574659 **donor id:** BRRI 2. **origin:** Bangladesh. **cultivar:** BR2. **other id:** BE-4830. **other id:** Q 31011. **remarks:** Early, upland, drought tolerant, cold tolerant at vegetative stage. BRRI-developed variety. Season: Aus, Boro. Annual. Seed.
- PI 574660 **donor id:** BRRI 3. **origin:** Bangladesh. **cultivar:** BR3. **other id:** BE-4830. **other id:** Q 31012. **remarks:** Early, upland, drought tolerant, cold tolerant at vegetative stage. BRRI-developed variety. Season: Aus, Boro. Annual. Seed.
- PI 574661 **donor id:** BRRI 4. **origin:** Bangladesh. **cultivar:** BR4. **other id:** BE-4830. **other id:** Q 31013. **remarks:** Photoperiod sensitive. BRRI-developed variety. Season: T. Aman. Annual. Seed.
- PI 574662 **donor id:** BRRI 5. **origin:** Bangladesh. **cultivar:** BR5. **other id:** BE-4830. **other id:** Q 31014. **remarks:** Photoperiod sensitive. BRRI-developed variety. Season: T. Aman. Annual. Seed.
- PI 574663 **donor id:** BRRI 6. **origin:** Bangladesh. **cultivar:** BR6. **other id:** BE-4830. **other id:** Q 31015. **remarks:** Early, upland, drought tolerant, cold tolerant at vegetative stage. BRRI-developed variety. Season: Aus, Boro. Annual. Seed.
- PI 574664 **donor id:** BRRI 7. **origin:** Bangladesh. **cultivar:** BR7. **other id:** BE-4830. **other id:** Q 31016. **remarks:** Early, upland, drought tolerant, cold tolerant at vegetative stage. BRRI-developed variety. Season: Aus, Boro. Annual. Seed.
- PI 574665 **donor id:** BRRI 8. **origin:** Bangladesh. **cultivar:** BR8. **other id:** BE-4830. **other id:** Q 31017. **remarks:** Early, upland, drought tolerant, cold tolerant at vegetative stage. BRRI-developed variety. Season: Aus, Boro. Annual. Seed.

PI 574658 to 575698-continued

- PI 574666 **donor id:** BRRI 9. **origin:** Bangladesh. **cultivar:** BR9.
other id: BE-4830. **other id:** Q 31018. **remarks:** Early,
upland, drought tolerant, cold tolerant at vegetative
stage. BRRI-developed variety. Season: Aus, Boro.
Annual. Seed.
- PI 574667 **donor id:** BRRI 10. **origin:** Bangladesh. **cultivar:** BR10.
other id: BE-4830. **other id:** Q 31019. **remarks:**
Photoperiod sensitive. BRRI-developed variety. Season: T.
Aman. Annual. Seed.
- PI 574668 **donor id:** BRRI 11. **origin:** Bangladesh. **cultivar:** BR11.
other id: BE-4830. **other id:** Q 31020. **remarks:**
Photoperiod sensitive. BRRI-developed variety. Season: T.
Aman. Annual. Seed.
- PI 574669 **donor id:** BRRI 12. **origin:** Bangladesh. **cultivar:** BR12.
other id: BE-4830. **other id:** Q 31021. **remarks:** Early,
upland, drought tolerant, cold tolerant at vegetative
stage. BRRI-developed variety. Season: Boro,Aus. Annual.
Seed.
- PI 574670 **donor id:** BRRI 14. **origin:** Bangladesh. **cultivar:** BR14.
other id: BE-4830. **other id:** Q 31022. **remarks:** Early,
upland, drought tolerant, cold tolerant at vegetative
stage. BRRI-developed variety. Season: Aus, Boro.
Annual. Seed.
- PI 574671 **donor id:** BRRI 15. **origin:** Bangladesh. **cultivar:** BR15.
other id: BE-4830. **other id:** Q 31023. **remarks:** Early,
upland, drought tolerant, cold tolerant at vegetative
stage. BRRI-developed variety. Season: Aus, Boro.
Annual. Seed.
- PI 574672 **donor id:** BRRI 16. **origin:** Bangladesh. **cultivar:** BR16.
other id: BE-4830. **other id:** Q 31024. **remarks:** Early,
upland, drought tolerant, cold tolerant at vegetative
stage. BRRI-developed variety. Season: Aus, Boro.
Annual. Seed.
- PI 574673 **donor id:** BRRI 17. **origin:** Bangladesh. **cultivar:** BR17.
other id: BE-4830. **other id:** Q 31025. **remarks:** Cold
tolerant at vegetative stage. BRRI-developed variety.
Season: Boro. Annual. Seed.
- PI 574674 **donor id:** BRRI 18. **origin:** Bangladesh. **cultivar:** BR18.
other id: BE-4830. **other id:** Q 31026. **remarks:** Cold
tolerant at vegetative stage. BRRI-developed variety.
Season: Boro. Annual. Seed.

PI 574658 to 575698-continued

- PI 574675 **donor id:** BRR1 19. **origin:** Bangladesh. **cultivar:** BR19.
other id: BE-4830. **other id:** Q 31027. **remarks:** Cold
tolerant at vegetative stage. BRR1-developed variety.
Season: Boro. Annual. Seed.
- PI 574676 **donor id:** BRR1 20. **origin:** Bangladesh. **cultivar:** BR20.
other id: BE-4830. **other id:** Q 31028. **remarks:** Early,
upland, drought tolerant. BRR1-developed variety. Season:
Upland, Aus. Annual. Seed.
- PI 574677 **donor id:** BRR1 21. **origin:** Bangladesh. **cultivar:** BR21.
other id: BE-4830. **other id:** Q 31029. **remarks:** Early,
upland, drought tolerant. BRR1-developed variety. Season:
Upland, Aus. Annual. Seed.
- PI 574678 **donor id:** BRR1 22. **origin:** Bangladesh. **cultivar:** BR22.
other id: BE-4830. **other id:** Q 31030. **remarks:**
Photoperiod sensitive. BRR1-developed variety. Season: T.
Aman. Annual. Seed.
- PI 574679 **donor id:** BRR1 23. **origin:** Bangladesh. **cultivar:** BR23.
other id: BE-4830. **other id:** Q 31031. **remarks:**
Photoperiod sensitive. BRR1-developed variety. Season: T.
Aman. Annual. Seed.
- PI 574680 **donor id:** BRR1 24. **origin:** Bangladesh. **cultivar:** BR24.
other id: BE-4830. **other id:** Q 31032. **remarks:** Early,
upland, drought tolerant. BRR1-developed variety. Season:
Upland Aus. Annual. Seed.
- PI 574681 **donor id:** BRR1 25. **origin:** Bangladesh. **cultivar:** BR25.
other id: BE-4830. **other id:** Q 31033. **remarks:**
Photoperiod sensitive. BRR1-developed variety. New
Pajain. Season: T. Aman. Annual. Seed.
- PI 574682 **donor id:** BRR1 26. **origin:** Bangladesh. **cultivar:** BR26.
other id: BE-4830. **other id:** Q 31034. **remarks:** Early,
upland, drought tolerant. Long grain. BRR1-developed
variety. Season: T. Aus. Annual. Seed.
- PI 574683 **donor id:** BRR1 50. **origin:** Bangladesh. **cultivar:**
PANBIRA. **other id:** BE-4830. **other id:** Q 31035.
remarks: Early, upland, drought tolerant. Season: Aus.
Annual. Seed.
- PI 574684 **donor id:** BRR1 63. **origin:** Bangladesh. **cultivar:** HASHA
KUMIR. **other id:** BE-4830. **other id:** Q 31036. **remarks:**
Early, upland, drought tolerant. Season: Aus. Annual.
Seed.

PI 574658 to 575698-continued

- PI 574685 **donor id:** BRR1 64. **origin:** Bangladesh. **cultivar:** DHALA SAITA. **other id:** BE-4830. **other id:** Q 31037. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 574686 **donor id:** BRR1 66. **origin:** Bangladesh. **cultivar:** BOTESWAR. **other id:** BE-4830. **other id:** Q 31038. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 574687 **donor id:** BRR1 67. **origin:** Bangladesh. **cultivar:** LAKSMI LOTA. **other id:** BE-4830. **other id:** Q 31039. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 574688 **donor id:** BRR1 68. **origin:** Bangladesh. **cultivar:** KALA MANIK. **other id:** BE-4830. **other id:** Q 31040. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 574689 **donor id:** BRR1 69. **origin:** Bangladesh. **cultivar:** LAL RODA DHAN. **other id:** BE-4830. **other id:** Q 31041. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574690 **donor id:** BRR1 70. **origin:** Bangladesh. **cultivar:** BHOBANI BHOG. **other id:** BE-4830. **other id:** Q 31042. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574691 **donor id:** BRR1 73. **origin:** Bangladesh. **cultivar:** LAMNO SAIL. **other id:** BE-4830. **other id:** Q 31043. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574692 **donor id:** BRR1 74. **origin:** Bangladesh. **cultivar:** MARICH FUL. **other id:** BE-4830. **other id:** Q 31044. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574693 **donor id:** BRR1 75. **origin:** Bangladesh. **cultivar:** ROPA AMAN. **other id:** BE-4830. **other id:** Q 31045. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574694 **donor id:** BRR1 76. **origin:** Bangladesh. **cultivar:** KARTIK SAIL. **other id:** BE-4830. **other id:** Q 31046. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574695 **donor id:** BRR1 77. **origin:** Bangladesh. **cultivar:** KARTIK SAIL. **other id:** BE-4830. **other id:** Q 31047. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.

PI 574658 to 575698-continued

- PI 574696 **donor id:** BRRI 78. **origin:** Bangladesh. **cultivar:** KARTIK JHUL. **other id:** BE-4830. **other id:** Q 31048. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574697 **donor id:** BRRI 79. **origin:** Bangladesh. **cultivar:** LOTHAN. **other id:** BE-4830. **other id:** Q 31049. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574698 **donor id:** BRRI 81. **origin:** Bangladesh. **cultivar:** PANKAIJ. **other id:** BE-4830. **other id:** Q 31050. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574699 **donor id:** BRRI 82. **origin:** Bangladesh. **cultivar:** HOLID JARAN. **other id:** BE-4830. **other id:** Q 31051. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574700 **donor id:** BRRI 83. **origin:** Bangladesh. **cultivar:** APCHAYA. **other id:** BE-4830. **other id:** Q 31052. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574701 **donor id:** BRRI 84. **origin:** Bangladesh. **cultivar:** APCHAYA. **other id:** BE-4830. **other id:** Q 31053. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574702 **donor id:** BRRI 85. **origin:** Bangladesh. **cultivar:** MADHUSAIL. **other id:** BE-4830. **other id:** Q 31054. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574703 **donor id:** BRRI 87. **origin:** Bangladesh. **cultivar:** ARCHA DIGH. **other id:** BE-4830. **other id:** Q 31055. **remarks:** Season: B. Aman. Annual. Seed.
- PI 574704 **donor id:** BRRI 89. **origin:** Bangladesh. **cultivar:** DAHL KATIA. **other id:** BE-4830. **other id:** Q 31056. **remarks:** Season: B. Aman. Annual. Seed.
- PI 574705 **donor id:** BRRI 92. **origin:** Bangladesh. **cultivar:** DAHL DATA. **other id:** BE-4830. **other id:** Q 31057. **remarks:** Season: B. Aman. Annual. Seed.
- PI 574706 **donor id:** BRRI 94. **origin:** Bangladesh. **cultivar:** SECHI AMON. **other id:** BE-4830. **other id:** Q 31058. **remarks:** Season: B. Aman. Annual. Seed.
- PI 574707 **donor id:** BRRI 95. **origin:** Bangladesh. **cultivar:** SOIDER BORON. **other id:** BE-4830. **other id:** Q 31059. **remarks:** Season: B. Aman. Annual. Seed.

PI 574658 to 575698-continued

- PI 574708 donor id: BRR1 98. origin: Bangladesh. cultivar: LAKAMIDIGA. other id: BE-4830. other id: Q 31060. remarks: Season: B. Aman. Annual. Seed.
- PI 574709 donor id: BRR1 100. origin: Bangladesh. cultivar: CHOTA BHAWALIA. other id: BE-4830. other id: Q 31061. remarks: Season: B. Aman. Annual. Seed.
- PI 574710 donor id: BRR1 102. origin: Bangladesh. cultivar: ABCHAYA. other id: BE-4830. other id: Q 31062. remarks: Season: B. Aman. Annual. Seed.
- PI 574711 donor id: BRR1 104. origin: Bangladesh. cultivar: MANIKDIGA. other id: BE-4830. other id: Q 31063. remarks: Season: B. Aman. Annual. Seed.
- PI 574712 donor id: BRR1 105. origin: Bangladesh. cultivar: MANIKDIGA. other id: BE-4830. other id: Q 31064. remarks: Season: B. Aman. Annual. Seed.
- PI 574713 donor id: BRR1 106. origin: Bangladesh. cultivar: BHANAL DIGA. other id: BE-4830. other id: Q 31065. remarks: Season: B. Aman. Annual. Seed.
- PI 574714 donor id: BRR1 107. origin: Bangladesh. cultivar: JATRA MOTUK. other id: BE-4830. other id: Q 31066. remarks: Season: B. Aman. Annual. Seed.
- PI 574715 donor id: BRR1 108. origin: Bangladesh. cultivar: BORA DIGA. other id: BE-4830. other id: Q 31067. remarks: Season: B. Aman. Annual. Seed.
- PI 574716 donor id: BRR1 109. origin: Bangladesh. cultivar: RANGI KHAMA. other id: BE-4830. other id: Q 31068. remarks: Season: B. Aman. Annual. Seed.
- PI 574717 donor id: BRR1 110. origin: Bangladesh. cultivar: DUDH BHANALIA. other id: BE-4830. other id: Q 31069. remarks: Season: B. Aman. Annual. Seed.
- PI 574718 donor id: BRR1 112. origin: Bangladesh. cultivar: BHAWALI AMON. other id: BE-4830. other id: Q 31070. remarks: Season: B. Aman. Annual. Seed.
- PI 574719 donor id: BRR1 113. origin: Bangladesh. cultivar: HASH FOL. other id: BE-4830. other id: Q 31071. remarks: Season: B. Aman. Annual. Seed.
- PI 574720 donor id: BRR1 114. origin: Bangladesh. cultivar: RAJ MONDAL. other id: BE-4830. other id: Q 31072. remarks: Season: B. Aman. Annual. Seed.

PI 574658 to 575698-continued

- PI 574721 **donor id:** BRRI 117. **origin:** Bangladesh. **cultivar:** BELON DHAN. **other id:** BE-4830. **other id:** Q 31073. **remarks:** Season: B. Aman. Annual. Seed.
- PI 574722 **donor id:** BRRI 119. **origin:** Bangladesh. **cultivar:** GORCHA. **other id:** BE-4830. **other id:** Q 31074. **remarks:** Season: B. Aman. Annual. Seed.
- PI 574723 **donor id:** BRRI 122. **origin:** Bangladesh. **cultivar:** SUNADIGA. **other id:** BE-4830. **other id:** Q 31075. **remarks:** Season: B. Aman. Annual. Seed.
- PI 574724 **donor id:** BRRI 123. **origin:** Bangladesh. **cultivar:** GABURA. **other id:** BE-4830. **other id:** Q 31076. **remarks:** Season: B. Aman. Annual. Seed.
- PI 574725 **donor id:** BRRI 125. **origin:** Bangladesh. **cultivar:** KHOIA MOTOR(3). **other id:** BE-4830. **other id:** Q 31077. **remarks:** Season: B. Aman. Annual. Seed.
- PI 574726 **donor id:** BRRI 129. **origin:** Bangladesh. **cultivar:** DIGA. **other id:** BE-4830. **other id:** Q 31078. **remarks:** Season: B. Aman. Annual. Seed.
- PI 574727 **donor id:** BRRI 131. **origin:** Bangladesh. **cultivar:** RAJ BHAWALIA. **other id:** BE-4830. **other id:** Q 31079. **remarks:** Season: B. Aman. Annual. Seed.
- PI 574728 **donor id:** BRRI 132. **origin:** Bangladesh. **cultivar:** MOLLA DIGA. **other id:** BE-4830. **other id:** Q 31080. **remarks:** Season: B. Aman. Annual. Seed.
- PI 574729 **donor id:** BRRI 133. **origin:** Bangladesh. **cultivar:** MOLLA DIGA. **other id:** BE-4830. **other id:** Q 31081. **remarks:** Season: B. Aman. Annual. Seed.
- PI 574730 **donor id:** BRRI 134. **origin:** Bangladesh. **cultivar:** BHAWA LIA. **other id:** BE-4830. **other id:** Q 31082. **remarks:** Season: B. Aman. Annual. Seed.
- PI 574731 **donor id:** BRRI 135. **origin:** Bangladesh. **cultivar:** BHAWALIA. **other id:** BE-4830. **other id:** Q 31083. **remarks:** Season: B. Aman. Annual. Seed.
- PI 574732 **donor id:** BRRI 138. **origin:** Bangladesh. **cultivar:** NETPASHA. **other id:** BE-4830. **other id:** Q 31084. **remarks:** Season: B. Aman. Annual. Seed.
- PI 574733 **donor id:** BRRI 141. **origin:** Bangladesh. **cultivar:** IJOL DIGA(2). **other id:** BE-4830. **other id:** Q 31085. **remarks:** Season: B. Aman. Annual. Seed.

PI 574658 to 575698-continued

- PI 574734 donor id: BRR1 144. origin: Bangladesh. cultivar: BAWOI JHAK. other id: BE-4830. other id: Q 31086. remarks: Season: B. Aman. Annual. Seed.
- PI 574735 donor id: BRR1 150. origin: Bangladesh. cultivar: BURI KATARI(2). other id: BE-4830. other id: Q 31087. remarks: Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 574736 donor id: BRR1 152. origin: Bangladesh. cultivar: CHAKILA. other id: BE-4830. other id: Q 31088. remarks: Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 574737 donor id: BRR1 153. origin: Bangladesh. cultivar: LEMA. other id: BE-4830. other id: Q 31089. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574738 donor id: BRR1 158. origin: Bangladesh. cultivar: BANSHA PUR. other id: BE-4830. other id: Q 31090. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574739 donor id: BRR1 159. origin: Bangladesh. cultivar: ROSHON BOK. other id: BE-4830. other id: Q 31091. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574740 donor id: BRR1 160. origin: Bangladesh. cultivar: DHOILUSH. other id: BE-4830. other id: Q 31092. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574741 donor id: BRR1 161. origin: Bangladesh. cultivar: ASHMBER. other id: BE-4830. other id: Q 31093. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574742 donor id: BRR1 162. origin: Bangladesh. cultivar: MAL SIRAZ. other id: BE-4830. other id: Q 31094. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574743 donor id: BRR1 164. origin: Bangladesh. cultivar: LAKSMI-BILASH. other id: BE-4830. other id: Q 31095. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574744 donor id: BRR1 165. origin: Bangladesh. cultivar: BAZAIL. other id: BE-4830. other id: Q 31096. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.

PI 574658 to 575698-continued

- PI 574745 donor id: BRR1 166. origin: Bangladesh. cultivar: ASHINI. other id: BE-4830. other id: Q 31097. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574746 donor id: BRR1 167. origin: Bangladesh. cultivar: BUCHI. other id: BE-4830. other id: Q 31098. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574747 donor id: BRR1 168. origin: Bangladesh. cultivar: KAIKA. other id: BE-4830. other id: Q 31099. remarks: Season: T/B Aman. Annual. Seed.
- PI 574748 donor id: BRR1 169. origin: Bangladesh. cultivar: MALOTI. other id: BE-4830. other id: Q 31100. remarks: Season: T/B Aman. Annual. Seed.
- PI 574749 donor id: BRR1 170. origin: Bangladesh. cultivar: KATISAIL. other id: BE-4830. other id: Q 31101. remarks: Season: B. Aman. Annual. Seed.
- PI 574750 donor id: BRR1 171. origin: Bangladesh. cultivar: BAZAIL. other id: BE-4830. other id: Q 31102. remarks: Season: B. Aman. Annual. Seed.
- PI 574751 donor id: BRR1 172. origin: Bangladesh. cultivar: MADHUSAIL. other id: BE-4830. other id: Q 31103. remarks: Season: B. Aman. Annual. Seed.
- PI 574752 donor id: BRR1 175. origin: Bangladesh. cultivar: KUMRI AMON. other id: BE-4830. other id: Q 31104. remarks: Season: B. Aman. Annual. Seed.
- PI 574753 donor id: BRR1 177. origin: Bangladesh. cultivar: MORIUM. other id: BE-4830. other id: Q 31105. remarks: Season: B. Aman. Annual. Seed.
- PI 574754 donor id: BRR1 178. origin: Bangladesh. cultivar: CUNAIL. other id: BE-4830. other id: Q 31106. remarks: Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 574755 donor id: BRR1 180. origin: Bangladesh. cultivar: DHOLI BORO. other id: BE-4830. other id: Q 31107. remarks: Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 574756 donor id: BRR1 185. origin: Bangladesh. cultivar: KACHILON. other id: BE-4830. other id: Q 31108. remarks: Early, upland, drought tolerant. Season: Aus. Annual. Seed.

PI 574658 to 575698-continued

- PI 574757 donor id: BRR1 186. origin: Bangladesh. cultivar: BOWALIA. other id: BE-4830. other id: Q 31109. remarks: Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 574758 donor id: BRR1 187. origin: Bangladesh. cultivar: BOWALIA. other id: BE-4830. other id: Q 31110. remarks: Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 574759 donor id: BRR1 188. origin: Bangladesh. cultivar: BOLORUM. other id: BE-4830. other id: Q 31111. remarks: Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 574760 donor id: BRR1 189. origin: Bangladesh. cultivar: PANKIRAJ. other id: BE-4830. other id: Q 31112. remarks: Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 574761 donor id: BRR1 191. origin: Bangladesh. cultivar: AGAUA. other id: BE-4830. other id: Q 31113. remarks: Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 574762 donor id: BRR1 193. origin: Bangladesh. cultivar: CHAKULIA. other id: BE-4830. other id: Q 31114. remarks: Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 574763 donor id: BRR1 194. origin: Bangladesh. cultivar: LOIATAG. other id: BE-4830. other id: Q 31115. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574764 donor id: BRR1 195. origin: Bangladesh. cultivar: SUBULKUA. other id: BE-4830. other id: Q 31116. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574765 donor id: BRR1 198. origin: Bangladesh. cultivar: FULGAINDA. other id: BE-4830. other id: Q 31117. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574766 donor id: BRR1 199. origin: Bangladesh. cultivar: BAISH BINNI. other id: BE-4830. other id: Q 31118. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.

PI 574658 to 575698-continued

- PI 574767 **donor id:** BRR1 200. **origin:** Bangladesh. **cultivar:** FULKADI. **other id:** BE-4830. **other id:** Q 31119. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574768 **donor id:** BRR1 201. **origin:** Bangladesh. **cultivar:** KUMRI. **other id:** BE-4830. **other id:** Q 31120. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574769 **donor id:** BRR1 202. **origin:** Bangladesh. **cultivar:** KUMARI LAL. **other id:** BE-4830. **other id:** Q 31121. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574770 **donor id:** BRR1 205. **origin:** Bangladesh. **cultivar:** KAISHA BINNI. **other id:** BE-4830. **other id:** Q 31122. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574771 **donor id:** BRR1 206. **origin:** Bangladesh. **cultivar:** KAISHA BINNI. **other id:** BE-4830. **other id:** Q 31123. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574772 **donor id:** BRR1 207. **origin:** Bangladesh. **cultivar:** KAISHA BINNI. **other id:** BE-4830. **other id:** Q 31124. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574773 **donor id:** BRR1 208. **origin:** Bangladesh. **cultivar:** KOHA BINNI. **other id:** BE-4830. **other id:** Q 31125. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574774 **donor id:** BRR1 209. **origin:** Bangladesh. **cultivar:** LAL BINNI. **other id:** BE-4830. **other id:** Q 31126. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574775 **donor id:** BRR1 210. **origin:** Bangladesh. **cultivar:** LAL BINNI. **other id:** BE-4830. **other id:** Q 31127. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574776 **donor id:** BRR1 211. **origin:** Bangladesh. **cultivar:** LAKSMI BILASH. **other id:** BE-4830. **other id:** Q 31128. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574777 **donor id:** BRR1 214. **origin:** Bangladesh. **cultivar:** GOBOL SAIL(BALAM). **other id:** BE-4830. **other id:** Q 31129. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.

PI 574658 to 575698-continued

- PI 574778 **donor id:** BRRI 215. **origin:** Bangladesh. **cultivar:** DUSHOR. **other id:** BE-4830. **other id:** Q 31130. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574779 **donor id:** BRRI 217. **origin:** Bangladesh. **cultivar:** LAO BHUG. **other id:** BE-4830. **other id:** Q 31131. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574780 **donor id:** BRRI 218. **origin:** Bangladesh. **cultivar:** LUHA GARA. **other id:** BE-4830. **other id:** Q 31132. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574781 **donor id:** BRRI 221. **origin:** Bangladesh. **cultivar:** SHAM ROSH. **other id:** BE-4830. **other id:** Q 31133. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574782 **donor id:** BRRI 222. **origin:** Bangladesh. **cultivar:** GOPAL BHOG. **other id:** BE-4830. **other id:** Q 31134. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574783 **donor id:** BRRI 223. **origin:** Bangladesh. **cultivar:** GOHUL SAIL. **other id:** BE-4830. **other id:** Q 31135. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574784 **donor id:** BRRI 225. **origin:** Bangladesh. **cultivar:** DUDSAR. **other id:** BE-4830. **other id:** Q 31136. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574785 **donor id:** BRRI 235. **origin:** Bangladesh. **cultivar:** KHORMA. **other id:** BE-4830. **other id:** Q 31137. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574786 **donor id:** BRRI 242. **origin:** Bangladesh. **cultivar:** PURA BINNI(3). **other id:** BE-4830. **other id:** Q 31138. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574787 **donor id:** BRRI 251. **origin:** Bangladesh. **cultivar:** BAZAIL. **other id:** BE-4830. **other id:** Q 31139. **remarks:** Season: B. Aman. Annual. Seed.
- PI 574788 **donor id:** BRRI 252. **origin:** Bangladesh. **cultivar:** BAZAIL. **other id:** BE-4830. **other id:** Q 31140. **remarks:** Season: B. Aman. Annual. Seed.
- PI 574789 **donor id:** BRRI 255. **origin:** Bangladesh. **cultivar:** JAGLI BORO. **other id:** BE-4830. **other id:** Q 31141. **remarks:** Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.

PI 574658 to 575698-continued

- PI 574790 donor id: BRRI 256. origin: Bangladesh. cultivar: JAGLI BORO. other id: BE-4830. other id: Q 31142. remarks: Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 574791 donor id: BRRI 263. origin: Bangladesh. cultivar: SHADRA DUMRA. other id: BE-4830. other id: Q 31143. remarks: Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 574792 donor id: BRRI 266. origin: Bangladesh. cultivar: INDA. other id: BE-4830. other id: Q 31144. remarks: Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 574793 donor id: BRRI 267. origin: Bangladesh. cultivar: THUBRI. other id: BE-4830. other id: Q 31145. remarks: Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 574794 donor id: BRRI 270. origin: Bangladesh. cultivar: KANCHA NONI. other id: BE-4830. other id: Q 31146. remarks: Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 574795 donor id: BRRI 271. origin: Bangladesh. cultivar: KOLA DAMA. other id: BE-4830. other id: Q 31147. remarks: Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 574796 donor id: BRRI 273. origin: Bangladesh. cultivar: GORIA. other id: BE-4830. other id: Q 31148. remarks: Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 574797 donor id: BRRI 274. origin: Bangladesh. cultivar: JUMA. other id: BE-4830. other id: Q 31149. remarks: Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 574798 donor id: BRRI 275. origin: Bangladesh. cultivar: NARIA GOCHI. other id: BE-4830. other id: Q 31150. remarks: Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 574799 donor id: BRRI 277. origin: Bangladesh. cultivar: SHAM RUSH. other id: BE-4830. other id: Q 31151. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574800 donor id: BRRI 278. origin: Bangladesh. cultivar: DUDH KALAM. other id: BE-4830. other id: Q 31152. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.

PI 574658 to 575698-continued

- PI 574801 **donor id:** BRR1 280. **origin:** Bangladesh. **cultivar:** BORA DUDH KALAM. **other id:** BE-4830. **other id:** Q 31153. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574802 **donor id:** BRR1 281. **origin:** Bangladesh. **cultivar:** LAL SORU. **other id:** BE-4830. **other id:** Q 31154. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574803 **donor id:** BRR1 282. **origin:** Bangladesh. **cultivar:** GOJOL GORIA. **other id:** BE-4830. **other id:** Q 31155. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574804 **donor id:** BRR1 283. **origin:** Bangladesh. **cultivar:** SOJONI. **other id:** BE-4830. **other id:** Q 31156. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574805 **donor id:** BRR1 286. **origin:** Bangladesh. **cultivar:** JHOSHUA. **other id:** BE-4830. **other id:** Q 31157. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574806 **donor id:** BRR1 287. **origin:** Bangladesh. **cultivar:** AKAND SAIL. **other id:** BE-4830. **other id:** Q 31158. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574807 **donor id:** BRR1 288. **origin:** Bangladesh. **cultivar:** MENY. **other id:** BE-4830. **other id:** Q 31159. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574808 **donor id:** BRR1 289. **origin:** Bangladesh. **cultivar:** LAL DUPA. **other id:** BE-4830. **other id:** Q 31160. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574809 **donor id:** BRR1 260. **origin:** Bangladesh. **cultivar:** JIGA SAIL. **other id:** BE-4830. **other id:** Q 31161. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574810 **donor id:** BRR1 293. **origin:** Bangladesh. **cultivar:** PAHARI SAIL. **other id:** BE-4830. **other id:** Q 31162. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574811 **donor id:** BRR1 296. **origin:** Bangladesh. **cultivar:** TIL KAPUR. **other id:** BE-4830. **other id:** Q 31163. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574812 **donor id:** BRR1 298. **origin:** Bangladesh. **cultivar:** UKNI MADHU. **other id:** BE-4830. **other id:** Q 31164. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.

PI 574658 to 575698-continued

- PI 574813 **donor id:** BRRI 299. **origin:** Bangladesh. **cultivar:** MAL SHIRA. **other id:** BE-4830. **other id:** Q 31165. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574814 **donor id:** BRRI 300. **origin:** Bangladesh. **cultivar:** PUTA DEPA. **other id:** BE-4830. **other id:** Q 31166. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574815 **donor id:** BRRI 301. **origin:** Bangladesh. **cultivar:** BAWAI BHOG. **other id:** BE-4830. **other id:** Q 31167. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574816 **donor id:** BRRI 302. **origin:** Bangladesh. **cultivar:** PANI SAIL. **other id:** BE-4830. **other id:** Q 31168. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574817 **donor id:** BRRI 303. **origin:** Bangladesh. **cultivar:** PANATI. **other id:** BE-4830. **other id:** Q 31169. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574818 **donor id:** BRRI 307. **origin:** Bangladesh. **cultivar:** ? SHALYA. **other id:** BE-4830. **other id:** Q 31170. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574819 **donor id:** BRRI 308. **origin:** Bangladesh. **cultivar:** KOCHU DULA. **other id:** BE-4830. **other id:** Q 31171. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574820 **donor id:** BRRI 309. **origin:** Bangladesh. **cultivar:** MAL SIRA. **other id:** BE-4830. **other id:** Q 31172. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574821 **donor id:** BRRI 310. **origin:** Bangladesh. **cultivar:** BASONA AMAN. **other id:** BE-4830. **other id:** Q 31173. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574822 **donor id:** BRRI 311. **origin:** Bangladesh. **cultivar:** AKON ALI. **other id:** BE-4830. **other id:** Q 31174. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574823 **donor id:** BRRI 313. **origin:** Bangladesh. **cultivar:** SUHANI. **other id:** BE-4830. **other id:** Q 31175. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574824 **donor id:** BRRI 318. **origin:** Bangladesh. **cultivar:** KALO BHUG. **other id:** BE-4830. **other id:** Q 31176. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574825 **donor id:** BRRI 326. **origin:** Bangladesh. **cultivar:** DEPA. **other id:** BE-4830. **other id:** Q 31177. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.

PI 574658 to 575698-continued

- PI 574826 donor id: BRR1 327. origin: Bangladesh. cultivar: LUHA DANG. other id: BE-4830. other id: Q 31178. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574827 donor id: BRR1 329. origin: Bangladesh. cultivar: SURJA MUKHI. other id: BE-4830. other id: Q 31179. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574828 donor id: BRR1 330. origin: Bangladesh. cultivar: KATI DEPA. other id: BE-4830. other id: Q 31180. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574829 donor id: BRR1 331. origin: Bangladesh. cultivar: JAB SIRA. other id: BE-4830. other id: Q 31181. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574830 donor id: BRR1 332. origin: Bangladesh. cultivar: JOL BEPA. other id: BE-4830. other id: Q 31182. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574831 donor id: BRR1 333. origin: Bangladesh. cultivar: DEMSHI PHUL. other id: BE-4830. other id: Q 31183. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574832 donor id: BRR1 336. origin: Bangladesh. cultivar: TIL KABUR. other id: BE-4830. other id: Q 31184. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574833 donor id: BRR1 337. origin: Bangladesh. cultivar: ASWINA. other id: BE-4830. other id: Q 31185. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574834 donor id: BRR1 338. origin: Bangladesh. cultivar: ROSUL BHUG. other id: BE-4830. other id: Q 31186. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574835 donor id: BRR1 339. origin: Bangladesh. cultivar: LAL MUGHI. other id: BE-4830. other id: Q 31187. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574836 donor id: BRR1 344. origin: Bangladesh. cultivar: SOJONI. other id: BE-4830. other id: Q 31188. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574837 donor id: BRR1 345. origin: Bangladesh. cultivar: SHIL KUMOR. other id: BE-4830. other id: Q 31189. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574838 donor id: BRR1 346. origin: Bangladesh. cultivar: PANATI. other id: BE-4830. other id: Q 31190. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.

PI 574658 to 575698-continued

- PI 574839 donor id: BRRI 349. origin: Bangladesh. cultivar: BURA HORIN. other id: BE-4830. other id: Q 31191. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574840 donor id: BRRI 350. origin: Bangladesh. cultivar: SAROD MUKHI. other id: BE-4830. other id: Q 31192. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574841 donor id: BRRI 352. origin: Bangladesh. cultivar: KAL GOCHI. other id: BE-4830. other id: Q 31193. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574842 donor id: BRRI 353. origin: Bangladesh. cultivar: NARIA BOCHI. other id: BE-4830. other id: Q 31194. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574843 donor id: BRRI 354. origin: Bangladesh. cultivar: GAJIR. other id: BE-4830. other id: Q 31195. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574844 donor id: BRRI 356. origin: Bangladesh. cultivar: JHOSHUA. other id: BE-4830. other id: Q 31196. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574845 donor id: BRRI 357. origin: Bangladesh. cultivar: JHOSHUA. other id: BE-4830. other id: Q 31197. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574846 donor id: BRRI 360. origin: Bangladesh. cultivar: NAL SIRA. other id: BE-4830. other id: Q 31198. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574847 donor id: BRRI 361. origin: Bangladesh. cultivar: NAL SIRA. other id: BE-4830. other id: Q 31199. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574848 donor id: BRRI 363. origin: Bangladesh. cultivar: NAL SIRA. other id: BE-4830. other id: Q 31200. remarks: Season: B. Aman. Annual. Seed.
- PI 574849 donor id: BRRI 364. origin: Bangladesh. cultivar: BETU. other id: BE-4830. other id: Q 31201. remarks: Season: B. Aman. Annual. Seed.
- PI 574850 donor id: BRRI 365. origin: Bangladesh. cultivar: DEMSHI. other id: BE-4830. other id: Q 31202. remarks: Season: B. Aman. Annual. Seed.

PI 574658 to 575698-continued

- PI 574851 donor id: BRRRI 367. origin: Bangladesh. cultivar: JODOKOIA. other id: BE-4830. other id: Q 31203. remarks: Season: B. Aman. Annual. Seed.
- PI 574852 donor id: BRRRI 369. origin: Bangladesh. cultivar: BUCHI. other id: BE-4830. other id: Q 31204. remarks: Season: B. Aman. Annual. Seed.
- PI 574853 donor id: BRRRI 372. origin: Bangladesh. cultivar: BALIA BOKRI. other id: BE-4830. other id: Q 31205. remarks: Season: B. Aman. Annual. Seed.
- PI 574854 donor id: BRRRI 373. origin: Bangladesh. cultivar: GOCHI DHAN. other id: BE-4830. other id: Q 31206. remarks: Season: B. Aman. Annual. Seed.
- PI 574855 donor id: BRRRI 374. origin: Bangladesh. cultivar: HIZLA. other id: BE-4830. other id: Q 31207. remarks: Season: B. Aman. Annual. Seed.
- PI 574856 donor id: BRRRI 376. origin: Bangladesh. cultivar: JOTA. other id: BE-4830. other id: Q 31208. remarks: Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 574857 donor id: BRRRI 381. origin: Bangladesh. cultivar: SHAM ROSH. other id: BE-4830. other id: Q 31209. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574858 donor id: BRRRI 382. origin: Bangladesh. cultivar: MAL SHIRA(2). other id: BE-4830. other id: Q 31210. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574859 donor id: BRRRI 383. origin: Bangladesh. cultivar: BETU. other id: BE-4830. other id: Q 31211. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574860 donor id: BRRRI 385. origin: Bangladesh. cultivar: BAT RAJ(2). other id: BE-4830. other id: Q 31212. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574861 donor id: BRRRI 386. origin: Bangladesh. cultivar: MUGI(5). other id: BE-4830. other id: Q 31213. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574862 donor id: BRRRI 387. origin: Bangladesh. cultivar: CHINI SAKKOR. other id: BE-4830. other id: Q 31214. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.

PI 574658 to 575698-continued

- PI 574863 donor id: BRR1 388. origin: Bangladesh. cultivar: CHINI SAKKOR. other id: BE-4830. other id: Q 31215. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574864 donor id: BRR1 390. origin: Bangladesh. cultivar: SOMON DORI. other id: BE-4830. other id: Q 31216. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574865 donor id: BRR1 391. origin: Bangladesh. cultivar: LAL BIHARI. other id: BE-4830. other id: Q 31217. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574866 donor id: BRR1 392. origin: Bangladesh. cultivar: BHORO CHALAM. other id: BE-4830. other id: Q 31218. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574867 donor id: BRR1 395. origin: Bangladesh. cultivar: MODHU MALA. other id: BE-4830. other id: Q 31219. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574868 donor id: BRR1 396. origin: Bangladesh. cultivar: PANI SAIL. other id: BE-4830. other id: Q 31220. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574869 donor id: BRR1 397. origin: Bangladesh. cultivar: CHINI ATOB(2). other id: BE-4830. other id: Q 31221. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574870 donor id: BRR1 401. origin: Bangladesh. cultivar: MUKTA HAR(2). other id: BE-4830. other id: Q 31222. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574871 donor id: BRR1 402. origin: Bangladesh. cultivar: BOIRA AMON. other id: BE-4830. other id: Q 31223. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574872 donor id: BRR1 403. origin: Bangladesh. cultivar: LAL PARIA. other id: BE-4830. other id: Q 31224. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574873 donor id: BRR1 405. origin: Bangladesh. cultivar: BASHI. other id: BE-4830. other id: Q 31225. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574874 donor id: BRR1 406. origin: Bangladesh. cultivar: BUTA. other id: BE-4830. other id: Q 31226. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574875 donor id: BRR1 407. origin: Bangladesh. cultivar: PANATI. other id: BE-4830. other id: Q 31227. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.

PI 574658 to 575698-continued

- PI 574876 **donor id:** BRRI 408. **origin:** Bangladesh. **cultivar:** MUTA GANJE. **other id:** BE-4830. **other id:** Q 31228. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574877 **donor id:** BRRI 409. **origin:** Bangladesh. **cultivar:** LOHA PANG. **other id:** BE-4830. **other id:** Q 31229. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574878 **donor id:** BRRI 412. **origin:** Bangladesh. **cultivar:** CHEMGUL. **other id:** BE-4830. **other id:** Q 31230. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574879 **donor id:** BRRI 414. **origin:** Bangladesh. **cultivar:** RAGU SAIL(6). **other id:** BE-4830. **other id:** Q 31231. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574880 **donor id:** BRRI 415. **origin:** Bangladesh. **cultivar:** JINGH SAIL. **other id:** BE-4830. **other id:** Q 31232. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574881 **donor id:** BRRI 416. **origin:** Bangladesh. **cultivar:** JINGH SAIL. **other id:** BE-4830. **other id:** Q 31233. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574882 **donor id:** BRRI 417. **origin:** Bangladesh. **cultivar:** GOUJI(2). **other id:** BE-4830. **other id:** Q 31234. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574883 **donor id:** BRRI 418. **origin:** Bangladesh. **cultivar:** SUNA MUKHI. **other id:** BE-4830. **other id:** Q 31235. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574884 **donor id:** BRRI 419. **origin:** Bangladesh. **cultivar:** SUNA SAIL(4). **other id:** BE-4830. **other id:** Q 31236. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574885 **donor id:** BRRI 420. **origin:** Bangladesh. **cultivar:** DHOLA DEPA. **other id:** BE-4830. **other id:** Q 31237. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574886 **donor id:** BRRI 421. **origin:** Bangladesh. **cultivar:** JHULON. **other id:** BE-4830. **other id:** Q 31238. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574887 **donor id:** BRRI 422. **origin:** Bangladesh. **cultivar:** BOKUL SAIL. **other id:** BE-4830. **other id:** Q 31239. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.

PI 574658 to 575698-continued

- PI 574888 donor id: BRRI 423. origin: Bangladesh. cultivar: PAJRE. other id: BE-4830. other id: Q 31240. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574889 donor id: BRRI 424. origin: Bangladesh. cultivar: BINNA PHUL. other id: BE-4830. other id: Q 31241. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574890 donor id: BRRI 425. origin: Bangladesh. cultivar: KHOMON DHAN. other id: BE-4830. other id: Q 31242. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574891 donor id: BRRI 426. origin: Bangladesh. cultivar: JOTA GANJ. other id: BE-4830. other id: Q 31243. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574892 donor id: BRRI 427. origin: Bangladesh. cultivar: HARMA SAIL. other id: BE-4830. other id: Q 31244. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574893 donor id: BRRI 428. origin: Bangladesh. cultivar: HARMA SAIL. other id: BE-4830. other id: Q 31245. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574894 donor id: BRRI 429. origin: Bangladesh. cultivar: KALI RAY. other id: BE-4830. other id: Q 31246. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574895 donor id: BRRI 430. origin: Bangladesh. cultivar: NAGRA DHAN. other id: BE-4830. other id: Q 31247. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574896 donor id: BRRI 432. origin: Bangladesh. cultivar: BADA DHAN. other id: BE-4830. other id: Q 31248. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574897 donor id: BRRI 433. origin: Bangladesh. cultivar: BUCHI. other id: BE-4830. other id: Q 31249. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574898 donor id: BRRI 434. origin: Bangladesh. cultivar: BOWAL DOH. other id: BE-4830. other id: Q 31250. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574899 donor id: BRRI 435. origin: Bangladesh. cultivar: MOHINI SAIL. other id: BE-4830. other id: Q 31251. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.

PI 574658 to 575698-continued

- PI 574900 **donor id:** BRRI 437. **origin:** Bangladesh. **cultivar:** KATI SAIL. **other id:** BE-4830. **other id:** Q 31252. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574901 **donor id:** BRRI 438. **origin:** Bangladesh. **cultivar:** KATIK SAIL. **other id:** BE-4830. **other id:** Q 31253. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574902 **donor id:** BRRI 439. **origin:** Bangladesh. **cultivar:** HORMA. **other id:** BE-4830. **other id:** Q 31254. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574903 **donor id:** BRRI 442. **origin:** Bangladesh. **cultivar:** JOL DELA. **other id:** BE-4830. **other id:** Q 31255. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574904 **donor id:** BRRI 443. **origin:** Bangladesh. **cultivar:** JOLA. **other id:** BE-4830. **other id:** Q 31256. **remarks:** Season: B. Aman. Annual. Seed.
- PI 574905 **donor id:** BRRI 446. **origin:** Bangladesh. **cultivar:** BANSH PHUL. **other id:** BE-4830. **other id:** Q 31257. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574906 **donor id:** BRRI 448. **origin:** Bangladesh. **cultivar:** KASIA PHUL(2). **other id:** BE-4830. **other id:** Q 31258. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574907 **donor id:** BRRI 449. **origin:** Bangladesh. **cultivar:** BAWAI JHAKI. **other id:** BE-4830. **other id:** Q 31259. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574908 **donor id:** BRRI 450. **origin:** Bangladesh. **cultivar:** BAS KOLOM. **other id:** BE-4830. **other id:** Q 31260. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574909 **donor id:** BRRI 453. **origin:** Bangladesh. **cultivar:** KALI BUNI. **other id:** BE-4830. **other id:** Q 31261. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574910 **donor id:** BRRI 454. **origin:** Bangladesh. **cultivar:** KOLOM DEPA. **other id:** BE-4830. **other id:** Q 31262. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574911 **donor id:** BRRI 464. **origin:** Bangladesh. **cultivar:** NIDAN SAIL. **other id:** BE-4830. **other id:** Q 31263. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574912 **donor id:** BRRI 467. **origin:** Bangladesh. **cultivar:** GUJA BALAM. **other id:** BE-4830. **other id:** Q 31264. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.

PI 574658 to 575698-continued

- PI 574913 **donor id:** BRRI 468. **origin:** Bangladesh. **cultivar:** MIRJA MAKUI. **other id:** BE-4830. **other id:** Q 31265. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574914 **donor id:** BRRI 471. **origin:** Bangladesh. **cultivar:** SUNGAIL. **other id:** BE-4830. **other id:** Q 31266. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574915 **donor id:** BRRI 473. **origin:** Bangladesh. **cultivar:** HIDA(5). **other id:** BE-4830. **other id:** Q 31267. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574916 **donor id:** BRRI 486. **origin:** Bangladesh. **cultivar:** KANJAL. **other id:** BE-4830. **other id:** Q 31268. **remarks:** Season: B. Aman. Annual. Seed.
- PI 574917 **donor id:** BRRI 487. **origin:** Bangladesh. **cultivar:** LAL HIDA. **other id:** BE-4830. **other id:** Q 31269. **remarks:** Season: B. Aman. Annual. Seed.
- PI 574918 **donor id:** BRRI 488. **origin:** Bangladesh. **cultivar:** MATI GOROL(2). **other id:** BE-4830. **other id:** Q 31270. **remarks:** Season: B. Aman. Annual. Seed.
- PI 574919 **donor id:** BRRI 489. **origin:** Bangladesh. **cultivar:** DIGHA(3). **other id:** BE-4830. **other id:** Q 31271. **remarks:** Season: B. Aman. Annual. Seed.
- PI 574920 **donor id:** BRRI 491. **origin:** Bangladesh. **cultivar:** DIGHA. **other id:** BE-4830. **other id:** Q 31272. **remarks:** Season: B. Aman. Annual. Seed.
- PI 574921 **donor id:** BRRI 492. **origin:** Bangladesh. **cultivar:** BHUJON KURPUR. **other id:** BE-4830. **other id:** Q 31273. **remarks:** Season: B. Aman. Annual. Seed.
- PI 574922 **donor id:** BRRI 493. **origin:** Bangladesh. **cultivar:** KAJOL GOUR. **other id:** BE-4830. **other id:** Q 31274. **remarks:** Season: B. Aman. Annual. Seed.
- PI 574923 **donor id:** BRRI 494. **origin:** Bangladesh. **cultivar:** SUNG WALA. **other id:** BE-4830. **other id:** Q 31275. **remarks:** Season: B. Aman. Annual. Seed.
- PI 574924 **donor id:** BRRI 495. **origin:** Bangladesh. **cultivar:** PATH KOLA. **other id:** BE-4830. **other id:** Q 31276. **remarks:** Season: B. Aman. Annual. Seed.

PI 574658 to 575698-continued

- PI 574925 **donor id:** BRRI 498. **origin:** Bangladesh. **cultivar:** KALA RAY. **other id:** BE-4830. **other id:** Q 31277. **remarks:** Season: B. Aman. Annual. Seed.
- PI 574926 **donor id:** BRRI 499. **origin:** Bangladesh. **cultivar:** DHDH SAR. **other id:** BE-4830. **other id:** Q 31278. **remarks:** Season: B. Aman. Annual. Seed.
- PI 574927 **donor id:** BRRI 504. **origin:** Bangladesh. **cultivar:** BUNA DHAN. **other id:** BE-4830. **other id:** Q 31279. **remarks:** Season: B. Aman. Annual. Seed.
- PI 574928 **donor id:** BRRI 508. **origin:** Bangladesh. **cultivar:** BEGUN BICHI. **other id:** BE-4830. **other id:** Q 31280. **remarks:** Season: B. Aman. Annual. Seed.
- PI 574929 **donor id:** BRRI 511. **origin:** Bangladesh. **cultivar:** SHONI. **other id:** BE-4830. **other id:** Q 31281. **remarks:** Season: B. Aman. Annual. Seed.
- PI 574930 **donor id:** BRRI 512. **origin:** Bangladesh. **cultivar:** JHOSHUA. **other id:** BE-4830. **other id:** Q 31282. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574931 **donor id:** BRRI 513. **origin:** Bangladesh. **cultivar:** BHASHA MANIK. **other id:** BE-4830. **other id:** Q 31283. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574932 **donor id:** BRRI 514. **origin:** Bangladesh. **cultivar:** KOCHU DHOLA. **other id:** BE-4830. **other id:** Q 31284. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574933 **donor id:** BRRI 516. **origin:** Bangladesh. **cultivar:** BALAN. **other id:** BE-4830. **other id:** Q 31285. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574934 **donor id:** BRRI 518. **origin:** Bangladesh. **cultivar:** KONEK CHUL. **other id:** BE-4830. **other id:** Q 31286. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574935 **donor id:** BRRI 519. **origin:** Bangladesh. **cultivar:** HORIN KHUR PANATI. **other id:** BE-4830. **other id:** Q 31287. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574936 **donor id:** BRRI 520. **origin:** Bangladesh. **cultivar:** GANJIA. **other id:** BE-4830. **other id:** Q 31288. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.

PI 574658 to 575698-continued

- PI 574937 donor id: BRRRI 521. origin: Bangladesh. cultivar: DUDSHAR. other id: BE-4830. other id: Q 31289. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574938 donor id: BRRRI 522. origin: Bangladesh. cultivar: HALDI JAON. other id: BE-4830. other id: Q 31290. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574939 donor id: BRRRI 525. origin: Bangladesh. cultivar: MUKUT SAIL. other id: BE-4830. other id: Q 31291. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574940 donor id: BRRRI 529. origin: Bangladesh. cultivar: BAN KOLOM. other id: BE-4830. other id: Q 31292. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574941 donor id: BRRRI 536. origin: Bangladesh. cultivar: SAFA HAR(3). other id: BE-4830. other id: Q 31293. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574942 donor id: BRRRI 549. origin: Bangladesh. cultivar: SHIL KUMOR(2). other id: BE-4830. other id: Q 31294. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574943 donor id: BRRRI 559. origin: Bangladesh. cultivar: SHUL PAN. other id: BE-4830. other id: Q 31295. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574944 donor id: BRRRI 564. origin: Bangladesh. cultivar: DAL KAISHA. other id: BE-4830. other id: Q 31296. remarks: Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 574945 donor id: BRRRI 566. origin: Bangladesh. cultivar: ACHAR DHOG. other id: BE-4830. other id: Q 31297. remarks: Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 574946 donor id: BRRRI 567. origin: Bangladesh. cultivar: BARI BANLA. other id: BE-4830. other id: Q 31298. remarks: Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 574947 donor id: BRRRI 568. origin: Bangladesh. cultivar: JABA HULU. other id: BE-4830. other id: Q 31299. remarks: Early, upland, drought tolerant. Season: Aus. Annual. Seed.

PI 574658 to 575698-continued

- PI 574948 **donor id:** BRR I 570. **origin:** Bangladesh. **cultivar:** SHAITAN DUMRA. **other id:** BE-4830. **other id:** Q 31300. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 574949 **donor id:** BRR I 572. **origin:** Bangladesh. **cultivar:** MANIK MANDU. **other id:** BE-4830. **other id:** Q 31301. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 574950 **donor id:** BRR I 574. **origin:** Bangladesh. **cultivar:** HANUMAN JOTA. **other id:** BE-4830. **other id:** Q 31302. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 574951 **donor id:** BRR I 575. **origin:** Bangladesh. **cultivar:** SHONI. **other id:** BE-4830. **other id:** Q 31303. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 574952 **donor id:** BRR I 580. **origin:** Bangladesh. **cultivar:** LAKSMI DIA. **other id:** BE-4830. **other id:** Q 31304. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 574953 **donor id:** BRR I 589. **origin:** Bangladesh. **cultivar:** BINNI DHAN. **other id:** BE-4830. **other id:** Q 31305. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574954 **donor id:** BRR I 599. **origin:** Bangladesh. **cultivar:** NONA SAIL. **other id:** BE-4830. **other id:** Q 31306. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574955 **donor id:** BRR I 614. **origin:** Bangladesh. **cultivar:** MODHU MALOTI. **other id:** BE-4830. **other id:** Q 31307. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574956 **donor id:** BRR I 616. **origin:** Bangladesh. **cultivar:** NAK PECHI(3). **other id:** BE-4830. **other id:** Q 31308. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574957 **donor id:** BRR I 621. **origin:** Bangladesh. **cultivar:** (No name listed). **other id:** BE-4830. **other id:** Q 31309. Annual. Seed.
- PI 574958 **donor id:** BRR I 623. **origin:** Bangladesh. **cultivar:** KALI GOCHYA. **other id:** BE-4830. **other id:** Q 31310. **remarks:** Season: B. Aman. Annual. Seed.

PI 574658 to 575698-continued

- PI 574959 donor id: BRRI 625. origin: Bangladesh. cultivar: MURA BAZAL. other id: BE-4830. other id: Q 31311. remarks: Season: B. Aman. Annual. Seed.
- PI 574960 donor id: BRRI 626. origin: Bangladesh. cultivar: LUBI GOCHYA. other id: BE-4830. other id: Q 31312. remarks: Season: B. Aman. Annual. Seed.
- PI 574961 donor id: BRRI 627. origin: Bangladesh. cultivar: BAZAL DHAN. other id: BE-4830. other id: Q 31313. remarks: Season: B. Aman. Annual. Seed.
- PI 574962 donor id: BRRI 628. origin: Bangladesh. cultivar: SADA BAZAL. other id: BE-4830. other id: Q 31314. remarks: Season: B. Aman. Annual. Seed.
- PI 574963 donor id: BRRI 630. origin: Bangladesh. cultivar: LAIGHYA. other id: BE-4830. other id: Q 31315. remarks: Season: B. Aman. Annual. Seed.
- PI 574964 donor id: BRRI 631. origin: Bangladesh. cultivar: HIRUYAL. other id: BE-4830. other id: Q 31316. remarks: Season: B. Aman. Annual. Seed.
- PI 574965 donor id: BRRI 634. origin: Bangladesh. cultivar: SADA BAZAL. other id: BE-4830. other id: Q 31317. remarks: Season: B. Aman. Annual. Seed.
- PI 574966 donor id: BRRI 635. origin: Bangladesh. cultivar: MONURA. other id: BE-4830. other id: Q 31318. remarks: Season: B. Aman. Annual. Seed.
- PI 574967 donor id: BRRI 641. origin: Bangladesh. cultivar: CHAND MONI(3). other id: BE-4830. other id: Q 31319. remarks: Season: B. Aman. Annual. Seed.
- PI 574968 donor id: BRRI 642. origin: Bangladesh. cultivar: CHAND MONI. other id: BE-4830. other id: Q 31320. remarks: Season: B. Aman. Annual. Seed.
- PI 574969 donor id: BRRI 649. origin: Bangladesh. cultivar: DHARIAL. other id: BE-4830. other id: Q 31321. remarks: Early, upland, drought tolerant. Season: Aus (upland). Annual. Seed.
- PI 574970 donor id: BRRI 654. origin: Bangladesh. cultivar: NAYAN TARA. other id: BE-4830. other id: Q 31322. remarks: Early, upland, drought tolerant. Season: Aus (upland). Annual. Seed.

PI 574658 to 575698-continued

- PI 574971 donor id: BRRRI 661. origin: Bangladesh. cultivar: GHEE-GOJ(3). other id: BE-4830. other id: Q 31323. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574972 donor id: BRRRI 663. origin: Bangladesh. cultivar: CHIKON. other id: BE-4830. other id: Q 31324. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574973 donor id: BRRRI 665. origin: Bangladesh. cultivar: JUNA. other id: BE-4830. other id: Q 31325. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574974 donor id: BRRRI 668. origin: Bangladesh. cultivar: KALA GORA. other id: BE-4830. other id: Q 31326. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574975 donor id: BRRRI 670. origin: Bangladesh. cultivar: BIRON. other id: BE-4830. other id: Q 31327. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574976 donor id: BRRRI 671. origin: Bangladesh. cultivar: GOCHYA. other id: BE-4830. other id: Q 31328. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574977 donor id: BRRRI 673. origin: Bangladesh. cultivar: DHARGA SAIL. other id: BE-4830. other id: Q 31329. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574978 donor id: BRRRI 675. origin: Bangladesh. cultivar: KARTI GOTAK. other id: BE-4830. other id: Q 31330. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574979 donor id: BRRRI 676. origin: Bangladesh. cultivar: LATISAIL. other id: BE-4830. other id: Q 31331. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574980 donor id: BRRRI 678. origin: Bangladesh. cultivar: CHAKKOL. other id: BE-4830. other id: Q 31332. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574981 donor id: BRRRI 679. origin: Bangladesh. cultivar: BOTESWAR. other id: BE-4830. other id: Q 31333. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574982 donor id: BRRRI 680. origin: Bangladesh. cultivar: RAJA MUN. other id: BE-4830. other id: Q 31334. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.

PI 574658 to 575698-continued

- PI 574983 donor id: BRRI 682. origin: Bangladesh. cultivar: KHASHA. other id: BE-4830. other id: Q 31335. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574984 donor id: BRRI 685. origin: Bangladesh. cultivar: BORA DHAN. other id: BE-4830. other id: Q 31336. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574985 donor id: BRRI 686. origin: Bangladesh. cultivar: KANCHON MOGI. other id: BE-4830. other id: Q 31337. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 574986 donor id: BRRI 701. origin: Bangladesh. cultivar: DULAI AMAN. other id: BE-4830. other id: Q 31338. remarks: Season: B. Aman. Annual. Seed.
- PI 574987 donor id: BRRI 706. origin: Bangladesh. cultivar: PUSHON. other id: BE-4830. other id: Q 31339. remarks: Season: B. Aman. Annual. Seed.
- PI 574988 donor id: BRRI 710. origin: Bangladesh. cultivar: BORGA. other id: BE-4830. other id: Q 31340. remarks: Season: B. Aman. Annual. Seed.
- PI 574989 donor id: BRRI 713. origin: Bangladesh. cultivar: MUAR SAIL. other id: BE-4830. other id: Q 31341. remarks: Season: B. Aman. Annual. Seed.
- PI 574990 donor id: BRRI 714. origin: Bangladesh. cultivar: DUDH BAZAL. other id: BE-4830. other id: Q 31342. remarks: Season: B. Aman. Annual. Seed.
- PI 574991 donor id: BRRI 721. origin: Bangladesh. cultivar: HIRAIL. other id: BE-4830. other id: Q 31343. remarks: Season: B. Aman. Annual. Seed.
- PI 574992 donor id: BRRI 724. origin: Bangladesh. cultivar: GUDA AMON. other id: BE-4830. other id: Q 31344. remarks: Season: B. Aman. Annual. Seed.
- PI 574993 donor id: BRRI 726. origin: Bangladesh. cultivar: MURA BAZAL. other id: BE-4830. other id: Q 31345. remarks: Season: B. Aman. Annual. Seed.
- PI 574994 donor id: BRRI 731. origin: Bangladesh. cultivar: KEORA. other id: BE-4830. other id: Q 31346. remarks: Season: B. Aman. Annual. Seed.
- PI 574995 donor id: BRRI 733. origin: Bangladesh. cultivar: BOTESWA R(2). other id: BE-4830. other id: Q 31347. remarks: Season: B. Aman. Annual. Seed.

PI 574658 to 575698-continued

- PI 574996 **donor id:** BRRI 735. **origin:** Bangladesh. **cultivar:** KALI BORO. **other id:** BE-4830. **other id:** Q 31348. **remarks:** Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 574997 **donor id:** BRRI 737. **origin:** Bangladesh. **cultivar:** FULBADAM. **other id:** BE-4830. **other id:** Q 31349. **remarks:** Season: Jhum. Annual. Seed.
- PI 574998 **donor id:** BRRI 740. **origin:** Bangladesh. **cultivar:** BEGUN BICHI. **other id:** BE-4830. **other id:** Q 31350. **remarks:** Season: Jhum. Annual. Seed.
- PI 574999 **donor id:** BRRI 744. **origin:** Bangladesh. **cultivar:** KALA ATIA. **other id:** BE-4830. **other id:** Q 31351. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575000 **donor id:** BRRI 748. **origin:** Bangladesh. **cultivar:** HASNA CHIKON. **other id:** BE-4830. **other id:** Q 31352. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575001 **donor id:** BRRI 750. **origin:** Bangladesh. **cultivar:** THAKUR. **other id:** BE-4830. **other id:** Q 31353. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575002 **donor id:** BRRI 751. **origin:** Bangladesh. **cultivar:** TEMBRO. **other id:** BE-4830. **other id:** Q 31354. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575003 **donor id:** BRRI 755. **origin:** Bangladesh. **cultivar:** GIRING. **other id:** BE-4830. **other id:** Q 31355. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575004 **donor id:** BRRI 756. **origin:** Bangladesh. **cultivar:** NAG PECHI. **other id:** BE-4830. **other id:** Q 31356. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575005 **donor id:** BRRI 757. **origin:** Bangladesh. **cultivar:** KHUSBUCHIKON. **other id:** BE-4830. **other id:** Q 31357. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575006 **donor id:** BRRI 758. **origin:** Bangladesh. **cultivar:** TILOCK KOCHURI. **other id:** BE-4830. **other id:** Q 31358. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575007 **donor id:** BRRI 761. **origin:** Bangladesh. **cultivar:** BHUA DHAN. **other id:** BE-4830. **other id:** Q 31359. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.

PI 574658 to 575698-continued

- PI 575008 **donor id:** BRRI 765. **origin:** Bangladesh. **cultivar:** JHORIA SAIL. **other id:** BE-4830. **other id:** Q 31360. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575009 **donor id:** BRRI 766. **origin:** Bangladesh. **cultivar:** HALDE MEDI. **other id:** BE-4830. **other id:** Q 31361. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575010 **donor id:** BRRI 770. **origin:** Bangladesh. **cultivar:** KALA BAIL. **other id:** BE-4830. **other id:** Q 31362. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575011 **donor id:** BRRI 771. **origin:** Bangladesh. **cultivar:** MURKI BALAM. **other id:** BE-4830. **other id:** Q 31363. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575012 **donor id:** BRRI 773. **origin:** Bangladesh. **cultivar:** SUNA MUKHI. **other id:** BE-4830. **other id:** Q 31364. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575013 **donor id:** BRRI 776. **origin:** Bangladesh. **cultivar:** KARTIK SAIL. **other id:** BE-4830. **other id:** Q 31365. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575014 **donor id:** BRRI 777. **origin:** Bangladesh. **cultivar:** GUL CHAMLAISH. **other id:** BE-4830. **other id:** Q 31366. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575015 **donor id:** BRRI 778. **origin:** Bangladesh. **cultivar:** PARBR. **other id:** BE-4830. **other id:** Q 31367. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575016 **donor id:** BRRI 780. **origin:** Bangladesh. **cultivar:** RAJ KUMARI. **other id:** BE-4830. **other id:** Q 31368. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575017 **donor id:** BRRI 781. **origin:** Bangladesh. **cultivar:** HATI BANDA. **other id:** BE-4830. **other id:** Q 31369. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575018 **donor id:** BRRI 784. **origin:** Bangladesh. **cultivar:** RAJA SAIL(3). **other id:** BE-4830. **other id:** Q 31370. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575019 **donor id:** BRRI 788. **origin:** Bangladesh. **cultivar:** CHAN MONI. **other id:** BE-4830. **other id:** Q 31371. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.

PI 574658 to 575698-continued

- PI 575020 **donor id:** BRR1 789. **origin:** Bangladesh. **cultivar:** CHAN MONI. **other id:** BE-4830. **other id:** Q 31372. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575021 **donor id:** BRR1 791. **origin:** Bangladesh. **cultivar:** BIGI DHAN. **other id:** BE-4830. **other id:** Q 31373. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575022 **donor id:** BRR1 793. **origin:** Bangladesh. **cultivar:** CHAKKOL(3). **other id:** BE-4830. **other id:** Q 31374. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575023 **donor id:** BRR1 796. **origin:** Bangladesh. **cultivar:** BAILAM(KUMRA). **other id:** BE-4830. **other id:** Q 31375. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575024 **donor id:** BRR1 797. **origin:** Bangladesh. **cultivar:** JOYA. **other id:** BE-4830. **other id:** Q 31376. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575025 **donor id:** BRR1 810. **origin:** Bangladesh. **cultivar:** MUNSHI SAIL. **other id:** BE-4830. **other id:** Q 31377. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575026 **donor id:** BRR1 812. **origin:** Bangladesh. **cultivar:** LOHAR GURA. **other id:** BE-4830. **other id:** Q 31378. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575027 **donor id:** BRR1 815. **origin:** Bangladesh. **cultivar:** ARAI. **other id:** BE-4830. **other id:** Q 31379. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575028 **donor id:** BRR1 816. **origin:** Bangladesh. **cultivar:** DUMAI. **other id:** BE-4830. **other id:** Q 31380. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575029 **donor id:** BRR1 818. **origin:** Bangladesh. **cultivar:** LATIYAL. **other id:** BE-4830. **other id:** Q 31381. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575030 **donor id:** BRR1 826. **origin:** Bangladesh. **cultivar:** MURAL(RBA). **other id:** BE-4830. **other id:** Q 31382. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.

PI 574658 to 575698-continued

- PI 575031 donor id: BRRI 832. origin: Bangladesh. cultivar: BIRUI SAIL. other id: BE-4830. other id: Q 31383. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575032 donor id: BRRI 842. origin: Bangladesh. cultivar: BALAM. other id: BE-4830. other id: Q 31384. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575033 donor id: BRRI 844. origin: Bangladesh. cultivar: KARTIK SAIL. other id: BE-4830. other id: Q 31385. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575034 donor id: BRRI 845. origin: Bangladesh. cultivar: KARTIK SAIL. other id: BE-4830. other id: Q 31386. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575035 donor id: BRRI 846. origin: Bangladesh. cultivar: KARTIK SAIL(2). other id: BE-4830. other id: Q 31387. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575036 donor id: BRRI 851. origin: Bangladesh. cultivar: MOINA SAIL. other id: BE-4830. other id: Q 31388. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575037 donor id: BRRI 852. origin: Bangladesh. cultivar: MOINA SAIL(3). other id: BE-4830. other id: Q 31389. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575038 donor id: BRRI 853. origin: Bangladesh. cultivar: LAL BALAM. other id: BE-4830. other id: Q 31390. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575039 donor id: BRRI 854. origin: Bangladesh. cultivar: NUTU BALAM(2). other id: BE-4830. other id: Q 31391. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575040 donor id: BRRI 855. origin: Bangladesh. cultivar: NALAM BITI. other id: BE-4830. other id: Q 31392. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575041 donor id: BRRI 857. origin: Bangladesh. cultivar: KALI JIRA(3). other id: BE-4830. other id: Q 31393. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.

PI 574658 to 575698-continued

- PI 575042 **donor id:** BRRI 858. **origin:** Bangladesh. **cultivar:** KALI JIRA. **other id:** BE-4830. **other id:** Q 31394. **remarks:** Photoperiod sensitive. Season: T. Aman. Scented. Annual. Seed.
- PI 575043 **donor id:** BRRI 860. **origin:** Bangladesh. **cultivar:** JHORIA. **other id:** BE-4830. **other id:** Q 31395. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575044 **donor id:** BRRI 861. **origin:** Bangladesh. **cultivar:** BIROI DHAN. **other id:** BE-4830. **other id:** Q 31396. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575045 **donor id:** BRRI 862. **origin:** Bangladesh. **cultivar:** MAKRI BIROIN. **other id:** BE-4830. **other id:** Q 31397. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575046 **donor id:** BRRI 863. **origin:** Bangladesh. **cultivar:** JHUAL KATA. **other id:** BE-4830. **other id:** Q 31398. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575047 **donor id:** BRRI 865. **origin:** Bangladesh. **cultivar:** RAJ BHOG. **other id:** BE-4830. **other id:** Q 31399. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575048 **donor id:** BRRI 867. **origin:** Bangladesh. **cultivar:** KACH BADAL. **other id:** BE-4830. **other id:** Q 31400. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575049 **donor id:** BRRI 868. **origin:** Bangladesh. **cultivar:** LAL MODONGA. **other id:** BE-4830. **other id:** Q 31401. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575050 **donor id:** BRRI 869. **origin:** Bangladesh. **cultivar:** GOBINDA SAIL. **other id:** BE-4830. **other id:** Q 31402. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575051 **donor id:** BRRI 872. **origin:** Bangladesh. **cultivar:** THAKUR BHOG. **other id:** BE-4830. **other id:** Q 31403. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575052 **donor id:** BRRI 874. **origin:** Bangladesh. **cultivar:** SURMA SAIL. **other id:** BE-4830. **other id:** Q 31404. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575053 **donor id:** BRRI 875. **origin:** Bangladesh. **cultivar:** SAIL BAZAIL. **other id:** BE-4830. **other id:** Q 31405. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.

PI 574658 to 575698-continued

- PI 575054 **donor id:** BRR1 876. **origin:** Bangladesh. **cultivar:** RAIT SAIL. **other id:** BE-4830. **other id:** Q 31406. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575055 **donor id:** BRR1 877. **origin:** Bangladesh. **cultivar:** KAI SAIL. **other id:** BE-4830. **other id:** Q 31407. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575056 **donor id:** BRR1 878. **origin:** Bangladesh. **cultivar:** BHUA BALAM. **other id:** BE-4830. **other id:** Q 31408. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575057 **donor id:** BRR1 882. **origin:** Bangladesh. **cultivar:** BASHI RAJ. **other id:** BE-4830. **other id:** Q 31409. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575058 **donor id:** BRR1 883. **origin:** Bangladesh. **cultivar:** BETI SAIL. **other id:** BE-4830. **other id:** Q 31410. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575059 **donor id:** BRR1 884. **origin:** Bangladesh. **cultivar:** KARTIK SRIMUIN. **other id:** BE-4830. **other id:** Q 31411. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575060 **donor id:** BRR1 888. **origin:** Bangladesh. **cultivar:** JHODI BIRUN. **other id:** BE-4830. **other id:** Q 31412. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575061 **donor id:** BRR1 893. **origin:** Bangladesh. **cultivar:** MONTUSH. **other id:** BE-4830. **other id:** Q 31413. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575062 **donor id:** BRR1 900. **origin:** Bangladesh. **cultivar:** VARI SAIL. **other id:** BE-4830. **other id:** Q 31414. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575063 **donor id:** BRR1 901. **origin:** Bangladesh. **cultivar:** CHADLASH. **other id:** BE-4830. **other id:** Q 31415. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575064 **donor id:** BRR1 905. **origin:** Bangladesh. **cultivar:** BADAL. **other id:** BE-4830. **other id:** Q 31416. **remarks:** Season: B. Aman. Annual. Seed.
- PI 575065 **donor id:** BRR1 908. **origin:** Bangladesh. **cultivar:** MUTONGA(2). **other id:** BE-4830. **other id:** Q 31417. **remarks:** Season: B. Aman. Annual. Seed.

PI 574658 to 575698-continued

- PI 575066 donor id: BRR1 917. origin: Bangladesh. cultivar: GUTOK. other id: BE-4830. other id: Q 31418. remarks: Season: B. Aman. Annual. Seed.
- PI 575067 donor id: BRR1 921. origin: Bangladesh. cultivar: BHOR GELAM. other id: BE-4830. other id: Q 31419. remarks: Season: B. Aman. Annual. Seed.
- PI 575068 donor id: BRR1 922. origin: Bangladesh. cultivar: NEEL HURI. other id: BE-4830. other id: Q 31420. remarks: Season: B. Aman. Annual. Seed.
- PI 575069 donor id: BRR1 923. origin: Bangladesh. cultivar: JOL KUMARI. other id: BE-4830. other id: Q 31421. remarks: Season: B. Aman. Annual. Seed.
- PI 575070 donor id: BRR1 924. origin: Bangladesh. cultivar: FUL KARI. other id: BE-4830. other id: Q 31422. remarks: Season: B. Aman. Annual. Seed.
- PI 575071 donor id: BRR1 925. origin: Bangladesh. cultivar: BIROPA. other id: BE-4830. other id: Q 31423. remarks: Season: B. Aman. Annual. Seed.
- PI 575072 donor id: BRR1 926. origin: Bangladesh. cultivar: KARKETI. other id: BE-4830. other id: Q 31424. remarks: Season: B. Aman. Annual. Seed.
- PI 575073 donor id: BRR1 927. origin: Bangladesh. cultivar: ASWINA. other id: BE-4830. other id: Q 31425. remarks: Season: B. Aman. Annual. Seed.
- PI 575074 donor id: BRR1 933. origin: Bangladesh. cultivar: JHATI SAIL. other id: BE-4830. other id: Q 31426. remarks: Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575075 donor id: BRR1 934. origin: Bangladesh. cultivar: BIRION. other id: BE-4830. other id: Q 31427. remarks: Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575076 donor id: BRR1 935. origin: Bangladesh. cultivar: SOILER PUNA. other id: BE-4830. other id: Q 31428. remarks: Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575077 donor id: BRR1 947. origin: Bangladesh. cultivar: JHUR DHAN. other id: BE-4830. other id: Q 31429. remarks: Early, upland, drought tolerant. Season: Aus. Annual. Seed.

PI 574658 to 575698-continued

- PI 575078 **donor id:** BRR1 957. **origin:** Bangladesh. **cultivar:** BOYAR BAT. **other id:** BE-4830. **other id:** Q 31430. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575079 **donor id:** BRR1 958. **origin:** Bangladesh. **cultivar:** TULO SAIL. **other id:** BE-4830. **other id:** Q 31431. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575080 **donor id:** BRR1 959. **origin:** Bangladesh. **cultivar:** KATA RANGI. **other id:** BE-4830. **other id:** Q 31432. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575081 **donor id:** BRR1 961. **origin:** Bangladesh. **cultivar:** SADA MUTA GATI. **other id:** BE-4830. **other id:** Q 31433. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575082 **donor id:** BRR1 962. **origin:** Bangladesh. **cultivar:** TAPO AMAN. **other id:** BE-4830. **other id:** Q 31434. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575083 **donor id:** BRR1 964. **origin:** Bangladesh. **cultivar:** SOMRA. **other id:** BE-4830. **other id:** Q 31435. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575084 **donor id:** BRR1 965. **origin:** Bangladesh. **cultivar:** MOGAI BALAM. **other id:** BE-4830. **other id:** Q 31436. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575085 **donor id:** BRR1 966. **origin:** Bangladesh. **cultivar:** CHORO. **other id:** BE-4830. **other id:** Q 31437. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575086 **donor id:** BRR1 967. **origin:** Bangladesh. **cultivar:** CHINE KAMINI. **other id:** BE-4830. **other id:** Q 31438. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575087 **donor id:** BRR1 968. **origin:** Bangladesh. **cultivar:** JHUR PADDY. **other id:** BE-4830. **other id:** Q 31439. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575088 **donor id:** BRR1 972. **origin:** Bangladesh. **cultivar:** SUNDAR SAIL. **other id:** BE-4830. **other id:** Q 31440. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575089 **donor id:** BRR1 976. **origin:** Bangladesh. **cultivar:** BOKRA. **other id:** BE-4830. **other id:** Q 31441. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.

PI 574658 to 575698-continued

- PI 575090 **donor id:** BRRI 978. **origin:** Bangladesh. **cultivar:** DULPI. **other id:** BE-4830. **other id:** Q 31442. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575091 **donor id:** BRRI 981. **origin:** Bangladesh. **cultivar:** BENAPUL. **other id:** BE-4830. **other id:** Q 31443. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575092 **donor id:** BRRI 982. **origin:** Bangladesh. **cultivar:** MULOI. **other id:** BE-4830. **other id:** Q 31444. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575093 **donor id:** BRRI 983. **origin:** Bangladesh. **cultivar:** DAK SHAHI. **other id:** BE-4830. **other id:** Q 31445. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575094 **donor id:** BRRI 987. **origin:** Bangladesh. **cultivar:** LAL JABRA. **other id:** BE-4830. **other id:** Q 31446. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575095 **donor id:** BRRI 988. **origin:** Bangladesh. **cultivar:** KHAJOR CHORI. **other id:** BE-4830. **other id:** Q 31447. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575096 **donor id:** BRRI 989. **origin:** Bangladesh. **cultivar:** JHINGA SAIL. **other id:** BE-4830. **other id:** Q 31448. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575097 **donor id:** BRRI 990. **origin:** Bangladesh. **cultivar:** CHINE KANAI. **other id:** BE-4830. **other id:** Q 31449. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575098 **donor id:** BRRI 992. **origin:** Bangladesh. **cultivar:** KARIN SAIL. **other id:** BE-4830. **other id:** Q 31450. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575099 **donor id:** BRRI 997. **origin:** Bangladesh. **cultivar:** BISH KATARI. **other id:** BE-4830. **other id:** Q 31451. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575100 **donor id:** BRRI 998. **origin:** Bangladesh. **cultivar:** BIR PAK. **other id:** BE-4830. **other id:** Q 31452. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575101 **donor id:** BRRI 999. **origin:** Bangladesh. **cultivar:** GERU MURI. **other id:** BE-4830. **other id:** Q 31453. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.

PI 574658 to 575698-continued

- PI 575102 **donor id:** BRR1 1000. **origin:** Bangladesh. **cultivar:** DUDH KOLOM. **other id:** BE-4830. **other id:** Q 31454. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575103 **donor id:** BRR1 1014. **origin:** Bangladesh. **cultivar:** TAL MUGUR(2). **other id:** BE-4830. **other id:** Q 31455. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575104 **donor id:** BRR1 1023. **origin:** Bangladesh. **cultivar:** DUD SAIL. **other id:** BE-4830. **other id:** Q 31456. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575105 **donor id:** BRR1 1025. **origin:** Bangladesh. **cultivar:** PANAI(3). **other id:** BE-4830. **other id:** Q 31457. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575106 **donor id:** BRR1 1036. **origin:** Bangladesh. **cultivar:** TILOK KAJOL. **other id:** BE-4830. **other id:** Q 31458. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575107 **donor id:** BRR1 1037. **origin:** Bangladesh. **cultivar:** BIR PALA. **other id:** BE-4830. **other id:** Q 31459. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575108 **donor id:** BRR1 1061. **origin:** Bangladesh. **cultivar:** RAJA SAIL. **other id:** BE-4830. **other id:** Q 31460. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575109 **donor id:** BRR1 1116. **origin:** Bangladesh. **cultivar:** MAL BHOG. **other id:** BE-4830. **other id:** Q 31461. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575110 **donor id:** BRR1 1120. **origin:** Bangladesh. **cultivar:** BANSHI RAJ(2). **other id:** BE-4830. **other id:** Q 31462. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575111 **donor id:** BRR1 1156. **origin:** Bangladesh. **cultivar:** DUDH MONI. **other id:** BE-4830. **other id:** Q 31463. **remarks:** Season: B. Aman. Annual. Seed.
- PI 575112 **donor id:** BRR1 1180. **origin:** Bangladesh. **cultivar:** MONOWARA. **other id:** BE-4830. **other id:** Q 31464. **remarks:** Season: B. Aman. Annual. Seed.
- PI 575113 **donor id:** BRR1 1181. **origin:** Bangladesh. **cultivar:** DAFFOL. **other id:** BE-4830. **other id:** Q 31465. **remarks:** Season: B. Aman. Annual. Seed.

PI 574658 to 575698-continued

- PI 575114 donor id: BRRI 1185. origin: Bangladesh. cultivar: BHUJON KOLPO. other id: BE-4830. other id: Q 31466. remarks: Season: B. Aman. Annual. Seed.
- PI 575115 donor id: BRRI 1191. origin: Bangladesh. cultivar: KAIKA. other id: BE-4830. other id: Q 31467. remarks: Season: B. Aman. Annual. Seed.
- PI 575116 donor id: BRRI 1202. origin: Bangladesh. cultivar: BEGUN BICHI. other id: BE-4830. other id: Q 31468. remarks: Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575117 donor id: BRRI 1210. origin: Bangladesh. cultivar: NOROI(4). other id: BE-4830. other id: Q 31469. remarks: Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575118 donor id: BRRI 1211. origin: Bangladesh. cultivar: LAKSMI LOTA. other id: BE-4830. other id: Q 31470. remarks: Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575119 donor id: BRRI 1216. origin: Bangladesh. cultivar: PORANGI(7). other id: BE-4830. other id: Q 31471. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575120 donor id: BRRI 1221. origin: Bangladesh. cultivar: LATISAIL. other id: BE-4830. other id: Q 31472. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575121 donor id: BRRI 1222. origin: Bangladesh. cultivar: MOUNA MOTI. other id: BE-4830. other id: Q 31473. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575122 donor id: BRRI 1226. origin: Bangladesh. cultivar: KAPA DIGA. other id: BE-4830. other id: Q 31474. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575123 donor id: BRRI 1228. origin: Bangladesh. cultivar: T.R.AMAN. other id: BE-4830. other id: Q 31475. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575124 donor id: BRRI 1229. origin: Bangladesh. cultivar: NIZER SAIL. other id: BE-4830. other id: Q 31476. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.

PI 574658 to 575698-continued

- PI 575125 donor id: BRRI 1237. origin: Bangladesh. cultivar: PALA BHIR. other id: BE-4830. other id: Q 31477. remarks: Season: B. Aman. Annual. Seed.
- PI 575126 donor id: BRRI 1253. origin: Bangladesh. cultivar: SHOR SHORI. other id: BE-4830. other id: Q 31478. remarks: Season: B. Aman. Annual. Seed.
- PI 575127 donor id: BRRI 1263. origin: Bangladesh. cultivar: HIJILI DIGA. other id: BE-4830. other id: Q 31479. remarks: Season: B. Aman. Annual. Seed.
- PI 575128 donor id: BRRI 1267. origin: Bangladesh. cultivar: LAKSMI DIGA(5). other id: BE-4830. other id: Q 31480. remarks: Season: B. Aman. Annual. Seed.
- PI 575129 donor id: BRRI 1270. origin: Bangladesh. cultivar: DIGA. other id: BE-4830. other id: Q 31481. remarks: Season: B. Aman. Annual. Seed.
- PI 575130 donor id: BRRI 1271. origin: Bangladesh. cultivar: GABURA(3). other id: BE-4830. other id: Q 31482. remarks: Season: B. Aman. Annual. Seed.
- PI 575131 donor id: BRRI 1273. origin: Bangladesh. cultivar: BANSHI RAJ. other id: BE-4830. other id: Q 31483. remarks: Season: B. Aman. Annual. Seed.
- PI 575132 donor id: BRRI 1282. origin: Bangladesh. cultivar: MANIK MUDA. other id: BE-4830. other id: Q 31484. remarks: Early, upland, Drought tolerant. Season: Aus. Annual. Seed.
- PI 575133 donor id: BRRI 1298. origin: Bangladesh. cultivar: SAIL KALI(3). other id: BE-4830. other id: Q 31485. remarks: Early, upland, Drought tolerant. Season: Aus. Annual. Seed.
- PI 575134 donor id: BRRI 1321. origin: Bangladesh. cultivar: BAK TUSHI. other id: BE-4830. other id: Q 31486. remarks: Early, upland, Drought tolerant. Season: Aus. Annual. Seed.
- PI 575135 donor id: BRRI 1323. origin: Bangladesh. cultivar: MANIK MODU. other id: BE-4830. other id: Q 31487. remarks: Early, upland, Drought tolerant. Season: Aus. Annual. Seed.
- PI 575136 donor id: BRRI 1327. origin: Bangladesh. cultivar: BASHI RAJ. other id: BE-4830. other id: Q 31488. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.

PI 574658 to 575698-continued

- PI 575137 **donor id:** BRR1 1331. **origin:** Bangladesh. **cultivar:** MUGI. **other id:** BE-4830. **other id:** Q 31489. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575138 **donor id:** BRR1 1334. **origin:** Bangladesh. **cultivar:** GAINJA. **other id:** BE-4830. **other id:** Q 31490. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575139 **donor id:** BRR1 1346. **origin:** Bangladesh. **cultivar:** DEPA. **other id:** BE-4830. **other id:** Q 31491. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575140 **donor id:** BRR1 1373. **origin:** Bangladesh. **cultivar:** DIGA. **other id:** BE-4830. **other id:** Q 31492. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575141 **donor id:** BRR1 1414. **origin:** Bangladesh. **cultivar:** BAZAL. **other id:** BE-4830. **other id:** Q 31493. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575142 **donor id:** BRR1 1424. **origin:** Bangladesh. **cultivar:** TETULIA. **other id:** BE-4830. **other id:** Q 31494. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575143 **donor id:** BRR1 1426. **origin:** Bangladesh. **cultivar:** PANKHI RAJ. **other id:** BE-4830. **other id:** Q 31495. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575144 **donor id:** BRR1 1436. **origin:** Bangladesh. **cultivar:** GANDHI SAIL(4). **other id:** BE-4830. **other id:** Q 31496. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575145 **donor id:** BRR1 1437. **origin:** Bangladesh. **cultivar:** MALOTI(2). **other id:** BE-4830. **other id:** Q 31497. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575146 **donor id:** BRR1 1438. **origin:** Bangladesh. **cultivar:** MALOTI. **other id:** BE-4830. **other id:** Q 31498. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575147 **donor id:** BRR1 1457. **origin:** Bangladesh. **cultivar:** LAL KHAMA. **other id:** BE-4830. **other id:** Q 31499. **remarks:** Season: B. Aman. Annual. Seed.
- PI 575148 **donor id:** BRR1 1458. **origin:** Bangladesh. **cultivar:** KHAMA (AWNED). **other id:** BE-4830. **other id:** Q 31500. **remarks:** Season: B. Aman. Annual. Seed.

PI 574658 to 575698-continued

- PI 575149 **donor id:** BRRI 1469. **origin:** Bangladesh. **cultivar:** LAHI BORO. **other id:** BE-4830. **other id:** Q 31501. **remarks:** Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575150 **donor id:** BRRI 1470. **origin:** Bangladesh. **cultivar:** BANA JIRA. **other id:** BE-4830. **other id:** Q 31502. **remarks:** Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575151 **donor id:** BRRI 1471. **origin:** Bangladesh. **cultivar:** BASHFUL. **other id:** BE-4830. **other id:** Q 31503. **remarks:** Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575152 **donor id:** BRRI 1472. **origin:** Bangladesh. **cultivar:** AMBORO I. **other id:** BE-4830. **other id:** Q 31504. **remarks:** Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575153 **donor id:** BRRI 1473. **origin:** Bangladesh. **cultivar:** AMBORO II. **other id:** BE-4830. **other id:** Q 31505. **remarks:** Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575154 **donor id:** BRRI 1491. **origin:** Bangladesh. **cultivar:** KATARI BHOG. **other id:** BE-4830. **other id:** Q 31506. **remarks:** Photoperiod sensitive. Season: T. Aman. Scented. Annual. Seed.
- PI 575155 **donor id:** BRRI 1507. **origin:** Bangladesh. **cultivar:** CHAWLA MAGI. **other id:** BE-4830. **other id:** Q 31507. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575156 **donor id:** BRRI 1521. **origin:** Bangladesh. **cultivar:** MALSHIRA. **other id:** BE-4830. **other id:** Q 31508. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575157 **donor id:** BRRI 1528. **origin:** Bangladesh. **cultivar:** PIAKJUTA. **other id:** BE-4830. **other id:** Q 31509. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575158 **donor id:** BRRI 1588. **origin:** Bangladesh. **cultivar:** KUTI AGRANI. **other id:** BE-4830. **other id:** Q 31510. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.

PI 574658 to 575698-continued

- PI 575159 **donor id:** BRR1 1594. **origin:** Bangladesh. **cultivar:** DESHI BASHFUL. **other id:** BE-4830. **other id:** Q 31511. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575160 **donor id:** BRR1 1597. **origin:** Bangladesh. **cultivar:** JOYNA (45). **other id:** BE-4830. **other id:** Q 31512. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575161 **donor id:** BRR1 1598. **origin:** Bangladesh. **cultivar:** HIZLA DHAN. **other id:** BE-4830. **other id:** Q 31513. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575162 **donor id:** BRR1 1602. **origin:** Bangladesh. **cultivar:** DHALA CHIKRAN DHAN(22). **other id:** BE-4830. **other id:** Q 31514. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575163 **donor id:** BRR1 1603. **origin:** Bangladesh. **cultivar:** KACHA CHIKAN(23). **other id:** BE-4830. **other id:** Q 31515. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575164 **donor id:** BRR1 1604. **origin:** Bangladesh. **cultivar:** KHARIGOJOL(24). **other id:** BE-4830. **other id:** Q 31516. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575165 **donor id:** BRR1 1607. **origin:** Bangladesh. **cultivar:** HAL DAMOTA(27). **other id:** BE-4830. **other id:** Q 31517. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575166 **donor id:** BRR1 1608. **origin:** Bangladesh. **cultivar:** SADA CHIKAN(29). **other id:** BE-4830. **other id:** Q 31518. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575167 **donor id:** BRR1 1618. **origin:** Bangladesh. **cultivar:** MOIRJAL AGONI. **other id:** BE-4830. **other id:** Q 31519. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575168 **donor id:** BRR1 1620. **origin:** Bangladesh. **cultivar:** BAIARI. **other id:** BE-4830. **other id:** Q 31520. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.

PI 574658 to 575698-continued

- PI 575169 donor id: BRR1 1622. origin: Bangladesh. cultivar: BINNA TOHA. other id: BE-4830. other id: Q 31521. remarks: Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575170 donor id: BRR1 1642. origin: Bangladesh. cultivar: CHIKNAL. other id: BE-4830. other id: Q 31522. remarks: Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575171 donor id: BRR1 1643. origin: Bangladesh. cultivar: INGRA. other id: BE-4830. other id: Q 31523. remarks: Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575172 donor id: BRR1 1649. origin: Bangladesh. cultivar: KALO BORO. other id: BE-4830. other id: Q 31524. remarks: Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575173 donor id: BRR1 1650. origin: Bangladesh. cultivar: MUKTAHAR. other id: BE-4830. other id: Q 31525. remarks: Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575174 donor id: BRR1 1655. origin: Bangladesh. cultivar: LAL GALONG. other id: BE-4830. other id: Q 31526. remarks: Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575175 donor id: BRR1 1663. origin: Bangladesh. cultivar: LENGHA DHAN. other id: BE-4830. other id: Q 31527. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575176 donor id: BRR1 1666. origin: Bangladesh. cultivar: RANGAMONI. other id: BE-4830. other id: Q 31528. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575177 donor id: BRR1 1668. origin: Bangladesh. cultivar: CHAMMONI. other id: BE-4830. other id: Q 31529. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575178 donor id: BRR1 1669. origin: Bangladesh. cultivar: PARANGI. other id: BE-4830. other id: Q 31530. remarks: Early, upland, drought tolerant. Season: Aus (upland). Annual. Seed.

PI 574658 to 575698-continued

- PI 575179 **donor id:** BRRI 1692. **origin:** Bangladesh. **cultivar:** MANIK MONDAL. **other id:** BE-4830. **other id:** Q 31531. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575180 **donor id:** BRRI 1704. **origin:** Bangladesh. **cultivar:** JAGLI. **other id:** BE-4830. **other id:** Q 31532. **remarks:** Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575181 **donor id:** BRRI 1705. **origin:** Bangladesh. **cultivar:** JAGLI. **other id:** BE-4830. **other id:** Q 31533. **remarks:** Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575182 **donor id:** BRRI 1706. **origin:** Bangladesh. **cultivar:** JAMIR. **other id:** BE-4830. **other id:** Q 31534. **remarks:** Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575183 **donor id:** BRRI 1707. **origin:** Bangladesh. **cultivar:** KALI BORO. **other id:** BE-4830. **other id:** Q 31535. **remarks:** Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575184 **donor id:** BRRI 1708. **origin:** Bangladesh. **cultivar:** BAWOI. **other id:** BE-4830. **other id:** Q 31536. **remarks:** Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575185 **donor id:** BRRI 1709. **origin:** Bangladesh. **cultivar:** KHOLA. **other id:** BE-4830. **other id:** Q 31537. **remarks:** Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575186 **donor id:** BRRI 1710. **origin:** Bangladesh. **cultivar:** KHOIA. **other id:** BE-4830. **other id:** Q 31538. **remarks:** Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575187 **donor id:** BRRI 1713. **origin:** Bangladesh. **cultivar:** SOLOI. **other id:** BE-4830. **other id:** Q 31539. **remarks:** Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575188 **donor id:** BRRI 1715. **origin:** Bangladesh. **cultivar:** SADA BORO. **other id:** BE-4830. **other id:** Q 31540. **remarks:** Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.

PI 574658 to 575698-continued

- PI 575189 donor id: BRRI 1720. origin: Bangladesh. cultivar: SOLOI. other id: BE-4830. other id: Q 31541. remarks: Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575190 donor id: BRRI 1728. origin: Bangladesh. cultivar: KOBLERASH. other id: BE-4830. other id: Q 31542. remarks: Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575191 donor id: BRRI 1732. origin: Bangladesh. cultivar: BENAMURI. other id: BE-4830. other id: Q 31543. remarks: Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575192 donor id: BRRI 1737. origin: Bangladesh. cultivar: MADHUMALA. other id: BE-4830. other id: Q 31544. remarks: Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575193 donor id: BRRI 1738. origin: Bangladesh. cultivar: HUMA GAMBIR. other id: BE-4830. other id: Q 31545. remarks: Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575194 donor id: BRRI 1740. origin: Bangladesh. cultivar: KHUSNI. other id: BE-4830. other id: Q 31546. remarks: Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575195 donor id: BRRI 1743. origin: Bangladesh. cultivar: FULKATI. other id: BE-4830. other id: Q 31547. remarks: Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575196 donor id: BRRI 1744. origin: Bangladesh. cultivar: KELE. other id: BE-4830. other id: Q 31548. remarks: Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575197 donor id: BRRI 1746. origin: Bangladesh. cultivar: LAKHI KAJOL. other id: BE-4830. other id: Q 31549. remarks: Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575198 donor id: BRRI 1752. origin: Bangladesh. cultivar: TARA SAIL. other id: BE-4830. other id: Q 31550. remarks: Early, upland, drought tolerant. Season: Aus. Annual. Seed.

PI 574658 to 575698-continued

- PI 575199 **donor id:** BRRI 1754. **origin:** Bangladesh. **cultivar:** DESHI BORO. **other id:** BE-4830. **other id:** Q 31551. **remarks:** Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575200 **donor id:** BRRI 1781. **origin:** Bangladesh. **cultivar:** DUDRAJ. **other id:** BE-4830. **other id:** Q 31552. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575201 **donor id:** BRRI 1783. **origin:** Bangladesh. **cultivar:** GAMBIR. **other id:** BE-4830. **other id:** Q 31553. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575202 **donor id:** BRRI 1790. **origin:** Bangladesh. **cultivar:** ISAMOTI. **other id:** BE-4830. **other id:** Q 31554. **remarks:** Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575203 **donor id:** BRRI 1791. **origin:** Bangladesh. **cultivar:** SADA BORO. **other id:** BE-4830. **other id:** Q 31555. **remarks:** Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575204 **donor id:** BRRI 1792. **origin:** Bangladesh. **cultivar:** JAISTA BORO. **other id:** BE-4830. **other id:** Q 31556. **remarks:** Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575205 **donor id:** BRRI 1793. **origin:** Bangladesh. **cultivar:** NATEL BORO. **other id:** BE-4830. **other id:** Q 31557. **remarks:** Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575206 **donor id:** BRRI 1796. **origin:** Bangladesh. **cultivar:** GICHI BORO. **other id:** BE-4830. **other id:** Q 31558. **remarks:** Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575207 **donor id:** BRRI 1801. **origin:** Bangladesh. **cultivar:** LAKHAI. **other id:** BE-4830. **other id:** Q 31559. **remarks:** Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575208 **donor id:** BRRI 1802. **origin:** Bangladesh. **cultivar:** BOGRA (DESHI). **other id:** BE-4830. **other id:** Q 31560. **remarks:** Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.

PI 574658 to 575698-continued

- PI 575209 **donor id:** BRR1 1803. **origin:** Bangladesh. **cultivar:** BOGRA. **other id:** BE-4830. **other id:** Q 31561. **remarks:** Cold tlerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575210 **donor id:** BRR1 1804. **origin:** Bangladesh. **cultivar:** BOGRA BORO. **other id:** BE-4830. **other id:** Q 31562. **remarks:** Cold tlerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575211 **donor id:** BRR1 1809. **origin:** Bangladesh. **cultivar:** BORO JAGLI. **other id:** BE-4830. **other id:** Q 31563. **remarks:** Cold tlerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575212 **donor id:** BRR1 1826. **origin:** Bangladesh. **cultivar:** GHORBHAI. **other id:** BE-4830. **other id:** Q 31564. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575213 **donor id:** BRR1 1828. **origin:** Bangladesh. **cultivar:** DUMRA. **other id:** BE-4830. **other id:** Q 31565. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575214 **donor id:** BRR1 1839. **origin:** Bangladesh. **cultivar:** PATHOR NUTI. **other id:** BE-4830. **other id:** Q 31566. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575215 **donor id:** BRR1 1841. **origin:** Bangladesh. **cultivar:** PATHOR NUTI. **other id:** BE-4830. **other id:** Q 31567. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575216 **donor id:** BRR1 1847. **origin:** Bangladesh. **cultivar:** JABGORIA. **other id:** BE-4830. **other id:** Q 31568. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575217 **donor id:** BRR1 1848. **origin:** Bangladesh. **cultivar:** SHONI. **other id:** BE-4830. **other id:** Q 31569. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575218 **donor id:** BRR1 1856. **origin:** Bangladesh. **cultivar:** JABRI. **other id:** BE-4830. **other id:** Q 31570. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.

PI 574658 to 575698-continued

- PI 575219 donor id: BRRI 1858. origin: Bangladesh. cultivar: SHORISHA PANAI. other id: BE-4830. other id: Q 31571. remarks: Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575220 donor id: BRRI 1867. origin: Bangladesh. cultivar: KHILUAI. other id: BE-4830. other id: Q 31572. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575221 donor id: BRRI 1868. origin: Bangladesh. cultivar: PORA BINNI. other id: BE-4830. other id: Q 31573. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575222 donor id: BRRI 1869. origin: Bangladesh. cultivar: LOHAR TUNG. other id: BE-4830. other id: Q 31574. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575223 donor id: BRRI 1871. origin: Bangladesh. cultivar: LATA SAIL. other id: BE-4830. other id: Q 31575. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575224 donor id: BRRI 1872. origin: Bangladesh. cultivar: BIRAN. other id: BE-4830. other id: Q 31576. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575225 donor id: BRRI 1877. origin: Bangladesh. cultivar: LAXMI BILASH. other id: BE-4830. other id: Q 31577. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575226 donor id: BRRI 1878. origin: Bangladesh. cultivar: GURIMOOZI. other id: BE-4830. other id: Q 31578. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575227 donor id: BRRI 1881. origin: Bangladesh. cultivar: BETI. other id: BE-4830. other id: Q 31579. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575228 donor id: BRRI 1883. origin: Bangladesh. cultivar: OLIRAJ. other id: BE-4830. other id: Q 31580. remarks: Photoperiod sensitive. Season: T&B. Aman. Annual. Seed.
- PI 575229 donor id: BRRI 1884. origin: Bangladesh. cultivar: BARUD. other id: BE-4830. other id: Q 31581. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.

PI 574658 to 575698-continued

- PI 575230 **donor id:** BRRI 1885. **origin:** Bangladesh. **cultivar:** LATIBILAS. **other id:** BE-4830. **other id:** Q 31582. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575231 **donor id:** BRRI 1886. **origin:** Bangladesh. **cultivar:** KOLOMALA. **other id:** BE-4830. **other id:** Q 31583. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575232 **donor id:** BRRI 1887. **origin:** Bangladesh. **cultivar:** KARTIK SAIL. **other id:** BE-4830. **other id:** Q 31584. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575233 **donor id:** BRRI 1891. **origin:** Bangladesh. **cultivar:** LJAMESTOR. **other id:** BE-4830. **other id:** Q 31585. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575234 **donor id:** BRRI 1892. **origin:** Bangladesh. **cultivar:** KUMAR. **other id:** BE-4830. **other id:** Q 31586. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575235 **donor id:** BRRI 1894. **origin:** Bangladesh. **cultivar:** KORI BAJAID. **other id:** BE-4830. **other id:** Q 31587. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575236 **donor id:** BRRI 1896. **origin:** Bangladesh. **cultivar:** BEGUNMALA. **other id:** BE-4830. **other id:** Q 31588. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575237 **donor id:** BRRI 1897. **origin:** Bangladesh. **cultivar:** FUL BAIN. **other id:** BE-4830. **other id:** Q 31589. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575238 **donor id:** BRRI 1900. **origin:** Bangladesh. **cultivar:** ROY-MUKHI. **other id:** BE-4830. **other id:** Q 31590. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575239 **donor id:** BRRI 1901. **origin:** Bangladesh. **cultivar:** SUBON KULI. **other id:** BE-4830. **other id:** Q 31591. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575240 **donor id:** BRRI 1902. **origin:** Bangladesh. **cultivar:** MEDI. **other id:** BE-4830. **other id:** Q 31592. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.

PI 574658 to 575698-continued

- PI 575241 **donor id:** BRR1 1903. **origin:** Bangladesh. **cultivar:** SHABANI. **other id:** BE-4830. **other id:** Q 31593. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575242 **donor id:** BRR1 1904. **origin:** Bangladesh. **cultivar:** CHANDRA PASHA. **other id:** BE-4830. **other id:** Q 31594. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575243 **donor id:** BRR1 1905. **origin:** Bangladesh. **cultivar:** GURI HBJI. **other id:** BE-4830. **other id:** Q 31595. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575244 **donor id:** BRR1 1906. **origin:** Bangladesh. **cultivar:** LATAI. **other id:** BE-4830. **other id:** Q 31596. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575245 **donor id:** BRR1 1910. **origin:** Bangladesh. **cultivar:** KISHORGONTE. **other id:** BE-4830. **other id:** Q 31597. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575246 **donor id:** BRR1 1911. **origin:** Bangladesh. **cultivar:** PODNAIL. **other id:** BE-4830. **other id:** Q 31598. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575247 **donor id:** BRR1 1914. **origin:** Bangladesh. **cultivar:** IAKI. **other id:** BE-4830. **other id:** Q 31599. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575248 **donor id:** BRR1 1915. **origin:** Bangladesh. **cultivar:** ASKAL. **other id:** BE-4830. **other id:** Q 31600. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575249 **donor id:** BRR1 1916. **origin:** Bangladesh. **cultivar:** ASKALINI. **other id:** BE-4830. **other id:** Q 31601. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575250 **donor id:** BRR1 1917. **origin:** Bangladesh. **cultivar:** SHOHAB PURI. **other id:** BE-4830. **other id:** Q 31602. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575251 **donor id:** BRR1 1919. **origin:** Bangladesh. **cultivar:** CHAPALNI. **other id:** BE-4830. **other id:** Q 31603. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.

PI 574658 to 575698-continued

- PI 575252 **donor id:** BRRI 1921. **origin:** Bangladesh. **cultivar:** LAL BINNI. **other id:** BE-4830. **other id:** Q 31604. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575253 **donor id:** BRRI 1924. **origin:** Bangladesh. **cultivar:** PANKIRAJ. **other id:** BE-4830. **other id:** Q 31605. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575254 **donor id:** BRRI 1939. **origin:** Bangladesh. **cultivar:** ASAMI-KHILDI. **other id:** BE-4830. **other id:** Q 31606. **remarks:** Season: B. Aman. Annual. Seed.
- PI 575255 **donor id:** BRRI 1940. **origin:** Bangladesh. **cultivar:** SAHWALI. **other id:** BE-4830. **other id:** Q 31607. **remarks:** Season: B. Aman. Annual. Seed.
- PI 575256 **donor id:** BRRI 1942. **origin:** Bangladesh. **cultivar:** CHAHARI. **other id:** BE-4830. **other id:** Q 31608. **remarks:** Season: B. Aman. Annual. Seed.
- PI 575257 **donor id:** BRRI 1945. **origin:** Bangladesh. **cultivar:** MONHUS. **other id:** BE-4830. **other id:** Q 31609. **remarks:** Season: B. Aman. Annual. Seed.
- PI 575258 **donor id:** BRRI 1946. **origin:** Bangladesh. **cultivar:** LOHADUNG. **other id:** BE-4830. **other id:** Q 31610. **remarks:** Season: B. Aman. Annual. Seed.
- PI 575259 **donor id:** BRRI 1947. **origin:** Bangladesh. **cultivar:** LAL KUMARI. **other id:** BE-4830. **other id:** Q 31611. **remarks:** Season: B. Aman. Annual. Seed.
- PI 575260 **donor id:** BRRI 1949. **origin:** Bangladesh. **cultivar:** BASAIL. **other id:** BE-4830. **other id:** Q 31612. **remarks:** Season: B. Aman. Annual. Seed.
- PI 575261 **donor id:** BRRI 1951. **origin:** Bangladesh. **cultivar:** MOGI. **other id:** BE-4830. **other id:** Q 31613. **remarks:** Season: B. Aman. Annual. Seed.
- PI 575262 **donor id:** BRRI 1956. **origin:** Bangladesh. **cultivar:** VADAI. **other id:** BE-4830. **other id:** Q 31614. **remarks:** Season: B. Aman. Annual. Seed.
- PI 575263 **donor id:** BRRI 1957. **origin:** Bangladesh. **cultivar:** SAF-BASAIL. **other id:** BE-4830. **other id:** Q 31615. **remarks:** Season: B. Aman. Annual. Seed.

PI 574658 to 575698-continued

- PI 575264 **donor id:** BRRI 1958. **origin:** Bangladesh. **cultivar:** KACHILON. **other id:** BE-4830. **other id:** Q 31616. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575265 **donor id:** BRRI 1960. **origin:** Bangladesh. **cultivar:** HAFA. **other id:** BE-4830. **other id:** Q 31617. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575266 **donor id:** BRRI 1962. **origin:** Bangladesh. **cultivar:** SURJOMUKHI. **other id:** BE-4830. **other id:** Q 31618. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575267 **donor id:** BRRI 1968. **origin:** Bangladesh. **cultivar:** TULSI BORO. **other id:** BE-4830. **other id:** Q 31619. **remarks:** Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575268 **donor id:** BRRI 1969. **origin:** Bangladesh. **cultivar:** LAFAI. **other id:** BE-4830. **other id:** Q 31620. **remarks:** Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575269 **donor id:** BRRI 1970. **origin:** Bangladesh. **cultivar:** SAIL BORO. **other id:** BE-4830. **other id:** Q 31621. **remarks:** Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575270 **donor id:** BRRI 1973. **origin:** Bangladesh. **cultivar:** CHAFAL. **other id:** BE-4830. **other id:** Q 31622. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575271 **donor id:** BRRI 1974. **origin:** Bangladesh. **cultivar:** SAIL BINNI. **other id:** BE-4830. **other id:** Q 31623. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575272 **donor id:** BRRI 1976. **origin:** Bangladesh. **cultivar:** BEPA. **other id:** BE-4830. **other id:** Q 31624. **remarks:** Photoperiod sensitive. Season: T&B Aman. Annual. Seed.
- PI 575273 **donor id:** BRRI 1977. **origin:** Bangladesh. **cultivar:** TILAKACHU. **other id:** BE-4830. **other id:** Q 31625. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575274 **donor id:** BRRI 1978. **origin:** Bangladesh. **cultivar:** SHAMROSE. **other id:** BE-4830. **other id:** Q 31626. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.

PI 574658 to 575698-continued

- PI 575275 donor id: BRRI 1979. origin: Bangladesh. cultivar: DAINOS. other id: BE-4830. other id: Q 31627. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575276 donor id: BRRI 1982. origin: Bangladesh. cultivar: GORA. other id: BE-4830. other id: Q 31628. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575277 donor id: BRRI 1984. origin: Bangladesh. cultivar: JIRABUTI. other id: BE-4830. other id: Q 31629. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575278 donor id: BRRI 1991. origin: Bangladesh. cultivar: GOLAPI. other id: BE-4830. other id: Q 31630. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575279 donor id: BRRI 1994. origin: Bangladesh. cultivar: MALSHIRAJ. other id: BE-4830. other id: Q 31631. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575280 donor id: BRRI 1995. origin: Bangladesh. cultivar: JIBON SANTI. other id: BE-4830. other id: Q 31632. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575281 donor id: BRRI 1996. origin: Bangladesh. cultivar: KHIRSA BOTI. other id: BE-4830. other id: Q 31633. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575282 donor id: BRRI 1997. origin: Bangladesh. cultivar: UKUN-MODHU. other id: BE-4830. other id: Q 31634. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575283 donor id: BRRI 1998. origin: Bangladesh. cultivar: VASA-MANIK. other id: BE-4830. other id: Q 31635. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575284 donor id: BRRI 1999. origin: Bangladesh. cultivar: RAJVUT. other id: BE-4830. other id: Q 31636. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575285 donor id: BRRI 2000. origin: Bangladesh. cultivar: LAL-MALSI. other id: BE-4830. other id: Q 31637. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.

PI 574658 to 575698-continued

- PI 575286 **donor id:** BRRI 2001. **origin:** Bangladesh. **cultivar:** SYLOT. **other id:** BE-4830. **other id:** Q 31638. **remarks:** Photoperiod sensitive. Season: T&B Aman. Annual. Seed.
- PI 575287 **donor id:** BRRI 2002. **origin:** Bangladesh. **cultivar:** KATI-JOL. **other id:** BE-4830. **other id:** Q 31639. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575288 **donor id:** BRRI 2003. **origin:** Bangladesh. **cultivar:** KAZLA. **other id:** BE-4830. **other id:** Q 31640. **remarks:** Season: B. Aman. Annual. Seed.
- PI 575289 **donor id:** BRRI 2004. **origin:** Bangladesh. **cultivar:** ARIAL. **other id:** BE-4830. **other id:** Q 31641. **remarks:** Season: B. Aman. Annual. Seed.
- PI 575290 **donor id:** BRRI 2006. **origin:** Bangladesh. **cultivar:** CHAMARA. **other id:** BE-4830. **other id:** Q 31642. **remarks:** Season: B. Aman. Annual. Seed.
- PI 575291 **donor id:** BRRI 2007. **origin:** Bangladesh. **cultivar:** CORA-CHITRI. **other id:** BE-4830. **other id:** Q 31643. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575292 **donor id:** BRRI 2008. **origin:** Bangladesh. **cultivar:** SORI BHOG. **other id:** BE-4830. **other id:** Q 31644. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575293 **donor id:** BRRI 2009. **origin:** Bangladesh. **cultivar:** AGALI. **other id:** BE-4830. **other id:** Q 31645. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575294 **donor id:** BRRI 2011. **origin:** Bangladesh. **cultivar:** SUNDOR SAIL. **other id:** BE-4830. **other id:** Q 31646. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575295 **donor id:** BRRI 2012. **origin:** Bangladesh. **cultivar:** CHUNI-KANAI. **other id:** BE-4830. **other id:** Q 31647. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575296 **donor id:** BRRI 2013. **origin:** Bangladesh. **cultivar:** GERI-HOMRI. **other id:** BE-4830. **other id:** Q 31648. **remarks:** Photoperiod sensitive. Cold tolerant at vegetative stage. Season: T. Aman & Boro. Annual. Seed.

PI 574658 to 575698-continued

- PI 575297 **donor id:** BRRI 2014. **origin:** Bangladesh. **cultivar:** MORICH MUT. **other id:** BE-4830. **other id:** Q 31649. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575298 **donor id:** BRRI 2015. **origin:** Bangladesh. **cultivar:** SORU-KAMINA. **other id:** BE-4830. **other id:** Q 31650. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575299 **donor id:** BRRI 2016. **origin:** Bangladesh. **cultivar:** SUTNA. **other id:** BE-4830. **other id:** Q 31651. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575300 **donor id:** BRRI 2017. **origin:** Bangladesh. **cultivar:** DUDKANI. **other id:** BE-4830. **other id:** Q 31652. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575301 **donor id:** BRRI 2018. **origin:** Bangladesh. **cultivar:** CHAPAIL. **other id:** BE-4830. **other id:** Q 31653. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575302 **donor id:** BRRI 2019. **origin:** Bangladesh. **cultivar:** GOTHAIL. **other id:** BE-4830. **other id:** Q 31654. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575303 **donor id:** BRRI 2020. **origin:** Bangladesh. **cultivar:** KASRA. **other id:** BE-4830. **other id:** Q 31655. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575304 **donor id:** BRRI 2021. **origin:** Bangladesh. **cultivar:** PAK-HUK-CHIMAN. **other id:** BE-4830. **other id:** Q 31656. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575305 **donor id:** BRRI 2022. **origin:** Bangladesh. **cultivar:** DUKSAIL. **other id:** BE-4830. **other id:** Q 31657. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575306 **donor id:** BRRI 2023. **origin:** Bangladesh. **cultivar:** LOUHOCHUR. **other id:** BE-4830. **other id:** Q 31658. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575307 **donor id:** BRRI 2024. **origin:** Bangladesh. **cultivar:** MENKI. **other id:** BE-4830. **other id:** Q 31659. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.

PI 574658 to 575698-continued

- PI 575308 **donor id:** BRRI 2025. **origin:** Bangladesh. **cultivar:** ALOPALI. **other id:** BE-4830. **other id:** Q 31660. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575309 **donor id:** BRRI 2026. **origin:** Bangladesh. **cultivar:** DHULI. **other id:** BE-4830. **other id:** Q 31661. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575310 **donor id:** BRRI 2027. **origin:** Bangladesh. **cultivar:** KAMINI SORU. **other id:** BE-4830. **other id:** Q 31662. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575311 **donor id:** BRRI 2028. **origin:** Bangladesh. **cultivar:** SADA BOTA. **other id:** BE-4830. **other id:** Q 31663. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575312 **donor id:** BRRI 2029. **origin:** Bangladesh. **cultivar:** AIZ SAIL. **other id:** BE-4830. **other id:** Q 31664. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575313 **donor id:** BRRI 2030. **origin:** Bangladesh. **cultivar:** BAKCHUR. **other id:** BE-4830. **other id:** Q 31665. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575314 **donor id:** BRRI 2031. **origin:** Bangladesh. **cultivar:** THAIJON BALAM. **other id:** BE-4830. **other id:** Q 31666. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575315 **donor id:** BRRI 2033. **origin:** Bangladesh. **cultivar:** ANDHARMONI. **other id:** BE-4830. **other id:** Q 31667. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575316 **donor id:** BRRI 2034. **origin:** Bangladesh. **cultivar:** KOIJURI. **other id:** BE-4830. **other id:** Q 31668. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575317 **donor id:** BRRI 2035. **origin:** Bangladesh. **cultivar:** KANISELUT. **other id:** BE-4830. **other id:** Q 31669. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575318 **donor id:** BRRI 2036. **origin:** Bangladesh. **cultivar:** KHAJUR KANDI. **other id:** BE-4830. **other id:** Q 31670. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.

PI 574658 to 575698-continued

- PI 575319 **donor id:** BRRI 2037. **origin:** Bangladesh. **cultivar:** DOIARGURO. **other id:** BE-4830. **other id:** Q 31671. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575320 **donor id:** BRRI 2038. **origin:** Bangladesh. **cultivar:** BAS FAIL. **other id:** BE-4830. **other id:** Q 31672. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575321 **donor id:** BRRI 2039. **origin:** Bangladesh. **cultivar:** JAMAINARU. **other id:** BE-4830. **other id:** Q 31673. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575322 **donor id:** BRRI 2040. **origin:** Bangladesh. **cultivar:** HATI SAIL. **other id:** BE-4830. **other id:** Q 31674. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575323 **donor id:** BRRI 2041. **origin:** Bangladesh. **cultivar:** PREMFUL. **other id:** BE-4830. **other id:** Q 31675. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575324 **donor id:** BRRI 2042. **origin:** Bangladesh. **cultivar:** BOIROMURI. **other id:** BE-4830. **other id:** Q 31676. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575325 **donor id:** BRRI 2043. **origin:** Bangladesh. **cultivar:** NONA. **other id:** BE-4830. **other id:** Q 31677. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575326 **donor id:** BRRI 2044. **origin:** Bangladesh. **cultivar:** BAJAL. **other id:** BE-4830. **other id:** Q 31678. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575327 **donor id:** BRRI 2047. **origin:** Bangladesh. **cultivar:** KATA MUKOL. **other id:** BE-4830. **other id:** Q 31679. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575328 **donor id:** BRRI 2048. **origin:** Bangladesh. **cultivar:** KHESAIL. **other id:** BE-4830. **other id:** Q 31680. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575329 **donor id:** BRRI 2050. **origin:** Bangladesh. **cultivar:** DULABECH. **other id:** BE-4830. **other id:** Q 31681. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.

PI 574658 to 575698-continued

- PI 575330 **donor id:** BRRI 2051. **origin:** Bangladesh. **cultivar:** MODHU MALA. **other id:** BE-4830. **other id:** Q 31682. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575331 **donor id:** BRRI 2052. **origin:** Bangladesh. **cultivar:** NUROI. **other id:** BE-4830. **other id:** Q 31683. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575332 **donor id:** BRRI 2053. **origin:** Bangladesh. **cultivar:** BAFOI. **other id:** BE-4830. **other id:** Q 31684. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575333 **donor id:** BRRI 2055. **origin:** Bangladesh. **cultivar:** VERI. **other id:** BE-4830. **other id:** Q 31685. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575334 **donor id:** BRRI 2056. **origin:** Bangladesh. **cultivar:** LAKKHINATA. **other id:** BE-4830. **other id:** Q 31686. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575335 **donor id:** BRRI 2057. **origin:** Bangladesh. **cultivar:** PAKKARAJ. **other id:** BE-4830. **other id:** Q 31687. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575336 **donor id:** BRRI 2058. **origin:** Bangladesh. **cultivar:** CHAPLO. **other id:** BE-4830. **other id:** Q 31688. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575337 **donor id:** BRRI 2059. **origin:** Bangladesh. **cultivar:** KATAK TARA. **other id:** BE-4830. **other id:** Q 31689. **remarks:** Early, upland, drought tolerant. Season: Aus (Upland). Annual. Seed.
- PI 575338 **donor id:** BRRI 2060. **origin:** Bangladesh. **cultivar:** MOISHLUM. **other id:** BE-4830. **other id:** Q 31690. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575339 **donor id:** BRRI 2061. **origin:** Bangladesh. **cultivar:** IRQ. **other id:** BE-4830. **other id:** Q 31691. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.

PI 574658 to 575698-continued

- PI 575340 **donor id:** BRRI 2062. **origin:** Bangladesh. **cultivar:** DHALAI KACHARI. **other id:** BE-4830. **other id:** Q 31692. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575341 **donor id:** BRRI 2063. **origin:** Bangladesh. **cultivar:** BOALIA. **other id:** BE-4830. **other id:** Q 31693. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575342 **donor id:** BRRI 2064. **origin:** Bangladesh. **cultivar:** GOYAL. **other id:** BE-4830. **other id:** Q 31694. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575343 **donor id:** BRRI 2065. **origin:** Bangladesh. **cultivar:** HANRA (YELLOW). **other id:** BE-4830. **other id:** Q 31695. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575344 **donor id:** BRRI 2066. **origin:** Bangladesh. **cultivar:** HANPA (BLACK). **other id:** BE-4830. **other id:** Q 31696. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575345 **donor id:** BRRI 2067. **origin:** Bangladesh. **cultivar:** GUTIARI. **other id:** BE-4830. **other id:** Q 31697. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575346 **donor id:** BRRI 2068. **origin:** Bangladesh. **cultivar:** BOALIA. **other id:** BE-4830. **other id:** Q 31698. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575347 **donor id:** BRRI 2069. **origin:** Bangladesh. **cultivar:** AGALI. **other id:** BE-4830. **other id:** Q 31699. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575348 **donor id:** BRRI 2070. **origin:** Bangladesh. **cultivar:** MOISHALEMA. **other id:** BE-4830. **other id:** Q 31700. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575349 **donor id:** BRRI 2071. **origin:** Bangladesh. **cultivar:** MOISHA LEMA. **other id:** BE-4830. **other id:** Q 31701. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.

PI 574658 to 575698-continued

- PI 575350 **donor id:** BRRI 2072. **origin:** Bangladesh. **cultivar:** BOGI. **other id:** BE-4830. **other id:** Q 31702. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575351 **donor id:** BRRI 2073. **origin:** Bangladesh. **cultivar:** BEGUN BITCHI. **other id:** BE-4830. **other id:** Q 31703. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575352 **donor id:** BRRI 2074. **origin:** Bangladesh. **cultivar:** KOLAR THOR. **other id:** BE-4830. **other id:** Q 31704. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575353 **donor id:** BRRI 2075. **origin:** Bangladesh. **cultivar:** AUSA BOGI. **other id:** BE-4830. **other id:** Q 31705. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575354 **donor id:** BRRI 2076. **origin:** Bangladesh. **cultivar:** YOUR CHAL. **other id:** BE-4830. **other id:** Q 31706. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575355 **donor id:** BRRI 2077. **origin:** Bangladesh. **cultivar:** SAIL BOGU. **other id:** BE-4830. **other id:** Q 31707. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575356 **donor id:** BRRI 2078. **origin:** Bangladesh. **cultivar:** AUS DHAN. **other id:** BE-4830. **other id:** Q 31708. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575357 **donor id:** BRRI 2079. **origin:** Bangladesh. **cultivar:** AGALI HANPA. **other id:** BE-4830. **other id:** Q 31709. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575358 **donor id:** BRRI 2080. **origin:** Bangladesh. **cultivar:** LEMMA. **other id:** BE-4830. **other id:** Q 31710. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575359 **donor id:** BRRI 2081. **origin:** Bangladesh. **cultivar:** CHITRI. **other id:** BE-4830. **other id:** Q 31711. **remarks:** Early, upland, drought tolerant. Season: Aus(Upland). Annual. Seed.

PI 574658 to 575698-continued

- PI 575360 **donor id:** BRRI 2082. **origin:** Bangladesh. **cultivar:** AGALI. **other id:** BE-4830. **other id:** Q 31712. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575361 **donor id:** BRRI 2083. **origin:** Bangladesh. **cultivar:** BOGI. **other id:** BE-4830. **other id:** Q 31713. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575362 **donor id:** BRRI 2085. **origin:** Bangladesh. **cultivar:** DHARIA BOGI. **other id:** BE-4830. **other id:** Q 31714. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575363 **donor id:** BRRI 2086. **origin:** Bangladesh. **cultivar:** BOILUM. **other id:** BE-4830. **other id:** Q 31715. **remarks:** Early, upland, drought tolerant. Season: Aus(Upland). Annual. Seed.
- PI 575364 **donor id:** BRRI 2088. **origin:** Bangladesh. **cultivar:** FUL CHAPALA. **other id:** BE-4830. **other id:** Q 31716. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575365 **donor id:** BRRI 2089. **origin:** Bangladesh. **cultivar:** KHUD BOILUM. **other id:** BE-4830. **other id:** Q 31717. **remarks:** Early, upland, drought tolerant. Season: Aus (Upland). Annual. Seed.
- PI 575366 **donor id:** BRRI 2090. **origin:** Bangladesh. **cultivar:** AUSALOI. **other id:** BE-4830. **other id:** Q 31718. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575367 **donor id:** BRRI 2095. **origin:** Bangladesh. **cultivar:** KHAITA MUGUR. **other id:** BE-4830. **other id:** Q 31719. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575368 **donor id:** BRRI 2097. **origin:** Bangladesh. **cultivar:** KAJLI. **other id:** BE-4830. **other id:** Q 31720. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575369 **donor id:** BRRI 2099. **origin:** Bangladesh. **cultivar:** PANKHIRAJ. **other id:** BE-4830. **other id:** Q 31721. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.

PI 574658 to 575698-continued

- PI 575370 **donor id:** BRRI 2100. **origin:** Bangladesh. **cultivar:** KUMRI AUS. **other id:** BE-4830. **other id:** Q 31722. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575371 **donor id:** BRRI 2101. **origin:** Bangladesh. **cultivar:** JAPANESE IRRI. **other id:** BE-4830. **other id:** Q 31723. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575372 **donor id:** BRRI 2102. **origin:** Bangladesh. **cultivar:** KALI SAITA. **other id:** BE-4830. **other id:** Q 31724. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575373 **donor id:** BRRI 2103. **origin:** Bangladesh. **cultivar:** KOKRIR MATHA. **other id:** BE-4830. **other id:** Q 31725. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575374 **donor id:** BRRI 2105. **origin:** Bangladesh. **cultivar:** UNNA SAITA. **other id:** BE-4830. **other id:** Q 31726. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575375 **donor id:** BRRI 2106. **origin:** Bangladesh. **cultivar:** NARIKEL BADI. **other id:** BE-4830. **other id:** Q 31727. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575376 **donor id:** BRRI 2107. **origin:** Bangladesh. **cultivar:** LEMMA. **other id:** BE-4830. **other id:** Q 31728. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575377 **donor id:** BRRI 2108. **origin:** Bangladesh. **cultivar:** KALA BOKRI. **other id:** BE-4830. **other id:** Q 31729. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575378 **donor id:** BRRI 2109. **origin:** Bangladesh. **cultivar:** GOPAL BHOG. **other id:** BE-4830. **other id:** Q 31730. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575379 **donor id:** BRRI 2110. **origin:** Bangladesh. **cultivar:** GOPAL BHOG. **other id:** BE-4830. **other id:** Q 31731. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.

PI 574658 to 575698-continued

- PI 575380 donor id: BRR1 2111. origin: Bangladesh. cultivar: PANBIRA. other id: BE-4830. other id: Q 31732. remarks: Early, upland, drought tolerant. Season: Aus (Upland). Annual. Seed.
- PI 575381 donor id: BRR1 2112. origin: Bangladesh. cultivar: KOLATHUR. other id: BE-4830. other id: Q 31733. remarks: Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575382 donor id: BRR1 2113. origin: Bangladesh. cultivar: LOHAR GOJ. other id: BE-4830. other id: Q 31734. remarks: Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575383 donor id: BRR1 2116. origin: Bangladesh. cultivar: PUKHI. other id: BE-4830. other id: Q 31735. remarks: Early, upland, drought tolerant. Season: Aus (Upland). Annual. Seed.
- PI 575384 donor id: BRR1 2117. origin: Bangladesh. cultivar: KATAK TARA. other id: BE-4830. other id: Q 31736. remarks: Early, upland, drought tolerant. Season: Aus (Upland). Annual. Seed.
- PI 575385 donor id: BRR1 2118. origin: Bangladesh. cultivar: MADAB JATA. other id: BE-4830. other id: Q 31737. remarks: Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575386 donor id: BRR1 2119. origin: Bangladesh. cultivar: GYROL. other id: BE-4830. other id: Q 31738. remarks: Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575387 donor id: BRR1 2120. origin: Bangladesh. cultivar: BRGUN BITCHI. other id: BE-4830. other id: Q 31739. remarks: Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575388 donor id: BRR1 2124. origin: Bangladesh. cultivar: PORANGI. other id: BE-4830. other id: Q 31740. remarks: Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575389 donor id: BRR1 2125. origin: Bangladesh. cultivar: PITIRAT. other id: BE-4830. other id: Q 31741. remarks: Early, upland, drought tolerant. Season: Aus. Annual. Seed.

PI 574658 to 575698-continued

- PI 575390 **donor id:** BRRI 2128. **origin:** Bangladesh. **cultivar:** KOIJURI. **other id:** BE-4830. **other id:** Q 31742. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575391 **donor id:** BRRI 2129. **origin:** Bangladesh. **cultivar:** SUNA HAJERA. **other id:** BE-4830. **other id:** Q 31743. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575392 **donor id:** BRRI 2132. **origin:** Bangladesh. **cultivar:** KALA KOTKI. **other id:** BE-4830. **other id:** Q 31744. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575393 **donor id:** BRRI 2134. **origin:** Bangladesh. **cultivar:** KERI JAMRA. **other id:** BE-4830. **other id:** Q 31745. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575394 **donor id:** BRRI 2136. **origin:** Bangladesh. **cultivar:** SADA BOKRI. **other id:** BE-4830. **other id:** Q 31746. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575395 **donor id:** BRRI 2138. **origin:** Bangladesh. **cultivar:** BOWLA. **other id:** BE-4830. **other id:** Q 31747. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575396 **donor id:** BRRI 2139. **origin:** Bangladesh. **cultivar:** MOLICA. **other id:** BE-4830. **other id:** Q 31748. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575397 **donor id:** BRRI 2140. **origin:** Bangladesh. **cultivar:** MOLICA. **other id:** BE-4830. **other id:** Q 31749. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575398 **donor id:** BRRI 2141. **origin:** Bangladesh. **cultivar:** VADOI. **other id:** BE-4830. **other id:** Q 31750. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575399 **donor id:** BRRI 2144. **origin:** Bangladesh. **cultivar:** HIZLI. **other id:** BE-4830. **other id:** Q 31751. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.

PI 574658 to 575698-continued

- PI 575400 **donor id:** BRR1 2145. **origin:** Bangladesh. **cultivar:** JOSURI. **other id:** BE-4830. **other id:** Q 31752. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575401 **donor id:** BRR1 2146. **origin:** Bangladesh. **cultivar:** CHATIA. **other id:** BE-4830. **other id:** Q 31753. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575402 **donor id:** BRR1 2147. **origin:** Bangladesh. **cultivar:** KALAGORIA. **other id:** BE-4830. **other id:** Q 31754. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575403 **donor id:** BRR1 2149. **origin:** Bangladesh. **cultivar:** DUDSOR. **other id:** BE-4830. **other id:** Q 31755. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575404 **donor id:** BRR1 2150. **origin:** Bangladesh. **cultivar:** HAZIFARAM. **other id:** BE-4830. **other id:** Q 31756. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575405 **donor id:** BRR1 2151. **origin:** Bangladesh. **cultivar:** POOSH PAI. **other id:** BE-4830. **other id:** Q 31757. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575406 **donor id:** BRR1 2152. **origin:** Bangladesh. **cultivar:** KAISHA PAJRA. **other id:** BE-4830. **other id:** Q 31758. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575407 **donor id:** BRR1 2153. **origin:** Bangladesh. **cultivar:** UTTARA. **other id:** BE-4830. **other id:** Q 31759. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575408 **donor id:** BRR1 2154. **origin:** Bangladesh. **cultivar:** KADACHAR. **other id:** BE-4830. **other id:** Q 31760. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575409 **donor id:** BRR1 2155. **origin:** Bangladesh. **cultivar:** SHANI. **other id:** BE-4830. **other id:** Q 31761. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.

PI 574658 to 575698-continued

- PI 575410 **donor id:** BRR1 2157. **origin:** Bangladesh. **cultivar:** THUMRI SAITA. **other id:** BE-4830. **other id:** Q 31762. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575411 **donor id:** BRR1 2158. **origin:** Bangladesh. **cultivar:** KALA SHANI. **other id:** BE-4830. **other id:** Q 31763. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575412 **donor id:** BRR1 2160. **origin:** Bangladesh. **cultivar:** DUIDHA CHALKA. **other id:** BE-4830. **other id:** Q 31764. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575413 **donor id:** BRR1 2161. **origin:** Bangladesh. **cultivar:** BOIRA VADOI. **other id:** BE-4830. **other id:** Q 31765. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575414 **donor id:** BRR1 2162. **origin:** Bangladesh. **cultivar:** RANI KALAM. **other id:** BE-4830. **other id:** Q 31766. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575415 **donor id:** BRR1 2163. **origin:** Bangladesh. **cultivar:** LAKKIDA. **other id:** BE-4830. **other id:** Q 31767. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575416 **donor id:** BRR1 2164. **origin:** Bangladesh. **cultivar:** MOILKKA. **other id:** BE-4830. **other id:** Q 31768. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575417 **donor id:** BRR1 2165. **origin:** Bangladesh. **cultivar:** MOTIJHUL. **other id:** BE-4830. **other id:** Q 31769. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575418 **donor id:** BRR1 2166. **origin:** Bangladesh. **cultivar:** KUCHI AUS. **other id:** BE-4830. **other id:** Q 31770. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575419 **donor id:** BRR1 2169. **origin:** Bangladesh. **cultivar:** SHARISHA MOTI. **other id:** BE-4830. **other id:** Q 31771. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.

PI 574658 to 575698-continued

- PI 575420 **donor id:** BRRI 2171. **origin:** Bangladesh. **cultivar:** SADA BASPAR. **other id:** BE-4830. **other id:** Q 31772. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575421 **donor id:** BRRI 2172. **origin:** Bangladesh. **cultivar:** SADA GORIA. **other id:** BE-4830. **other id:** Q 31773. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575422 **donor id:** BRRI 2173. **origin:** Bangladesh. **cultivar:** LAL BASHPOR. **other id:** BE-4830. **other id:** Q 31774. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575423 **donor id:** BRRI 2174. **origin:** Bangladesh. **cultivar:** DHAL GOINA. **other id:** BE-4830. **other id:** Q 31775. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575424 **donor id:** BRRI 2175. **origin:** Bangladesh. **cultivar:** DHAL GORA. **other id:** BE-4830. **other id:** Q 31776. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575425 **donor id:** BRRI 2176. **origin:** Bangladesh. **cultivar:** INDA. **other id:** BE-4830. **other id:** Q 31777. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575426 **donor id:** BRRI 2177. **origin:** Bangladesh. **cultivar:** BOWLA. **other id:** BE-4830. **other id:** Q 31778. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575427 **donor id:** BRRI 2178. **origin:** Bangladesh. **cultivar:** DUDH SAIL. **other id:** BE-4830. **other id:** Q 31779. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575428 **donor id:** BRRI 2180. **origin:** Bangladesh. **cultivar:** TUBRI. **other id:** BE-4830. **other id:** Q 31780. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575429 **donor id:** BRRI 2181. **origin:** Bangladesh. **cultivar:** BALOON. **other id:** BE-4830. **other id:** Q 31781. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.

PI 574658 to 575698-continued

- PI 575430 **donor id:** BRRI 2182. **origin:** Bangladesh. **cultivar:** JAMERI. **other id:** BE-4830. **other id:** Q 31782. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575431 **donor id:** BRRI 2183. **origin:** Bangladesh. **cultivar:** SURJAMUKI. **other id:** BE-4830. **other id:** Q 31783. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575432 **donor id:** BRRI 2184. **origin:** Bangladesh. **cultivar:** BINAMURI. **other id:** BE-4830. **other id:** Q 31784. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575433 **donor id:** BRRI 2185. **origin:** Bangladesh. **cultivar:** ELACHI. **other id:** BE-4830. **other id:** Q 31785. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575434 **donor id:** BRRI 2186. **origin:** Bangladesh. **cultivar:** KALOMONI. **other id:** BE-4830. **other id:** Q 31786. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575435 **donor id:** BRRI 2189. **origin:** Bangladesh. **cultivar:** KALI BORO 2/2. **other id:** BE-4830. **other id:** Q 31787. **remarks:** Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575436 **donor id:** BRRI 2190. **origin:** Bangladesh. **cultivar:** KALI BORO 4/1. **other id:** BE-4830. **other id:** Q 31788. **remarks:** Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575437 **donor id:** BRRI 2191. **origin:** Bangladesh. **cultivar:** KALI BORO 26. **other id:** BE-4830. **other id:** Q 31789. **remarks:** Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575438 **donor id:** BRRI 2192. **origin:** Bangladesh. **cultivar:** KALI BORO 41/1. **other id:** BE-4830. **other id:** Q 31790. **remarks:** Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575439 **donor id:** BRRI 2193. **origin:** Bangladesh. **cultivar:** KALI BORO 48/1. **other id:** BE-4830. **other id:** Q 31791. **remarks:** Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.

PI 574658 to 575698-continued

- PI 575440 **donor id:** BRRI 2194. **origin:** Bangladesh. **cultivar:** KALI BORO 80/3. **other id:** BE-4830. **other id:** Q 31792.
remarks: Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575441 **donor id:** BRRI 2195. **origin:** Bangladesh. **cultivar:** KALI BORO 80/5. **other id:** BE-4830. **other id:** Q 31793.
remarks: Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575442 **donor id:** BRRI 2196. **origin:** Bangladesh. **cultivar:** KALI BORO 109/4. **other id:** BE-4830. **other id:** Q 31794.
remarks: Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575443 **donor id:** BRRI 2198. **origin:** Bangladesh. **cultivar:** KALI BORO 139/2. **other id:** BE-4830. **other id:** Q 31795.
remarks: Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575444 **donor id:** BRRI 2199. **origin:** Bangladesh. **cultivar:** KALI BORO 200. **other id:** BE-4830. **other id:** Q 31796.
remarks: Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575445 **donor id:** BRRI 2200. **origin:** Bangladesh. **cultivar:** KALI BORO 208. **other id:** BE-4830. **other id:** Q 31797.
remarks: Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575446 **donor id:** BRRI 2201. **origin:** Bangladesh. **cultivar:** KALI BORO 259. **other id:** BE-4830. **other id:** Q 31798.
remarks: Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575447 **donor id:** BRRI 2202. **origin:** Bangladesh. **cultivar:** KALI BORO 266. **other id:** BE-4830. **other id:** Q 31799.
remarks: Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575448 **donor id:** BRRI 2203. **origin:** Bangladesh. **cultivar:** KALI BORO 576. **other id:** BE-4830. **other id:** Q 31800.
remarks: Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575449 **donor id:** BRRI 2204. **origin:** Bangladesh. **cultivar:** KALI BORO 600. **other id:** BE-4830. **other id:** Q 31801.
remarks: Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.

PI 574658 to 575698-continued

- PI 575450 **donor id:** BRRI 2205. **origin:** Bangladesh. **cultivar:** KALI BORO 704. **other id:** BE-4830. **other id:** Q 31802. **remarks:** Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575451 **donor id:** BRRI 2206. **origin:** Bangladesh. **cultivar:** BORO 6/2. **other id:** BE-4830. **other id:** Q 31803. **remarks:** Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575452 **donor id:** BRRI 2207. **origin:** Bangladesh. **cultivar:** BORO 9/2. **other id:** BE-4830. **other id:** Q 31804. **remarks:** Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575453 **donor id:** BRRI 2208. **origin:** Bangladesh. **cultivar:** BORO 10/3. **other id:** BE-4830. **other id:** Q 31805. **remarks:** Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575454 **donor id:** BRRI 2209. **origin:** Bangladesh. **cultivar:** BORO 13/2. **other id:** BE-4830. **other id:** Q 31806. **remarks:** Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575455 **donor id:** BRRI 2210. **origin:** Bangladesh. **cultivar:** BORO 15/2. **other id:** BE-4830. **other id:** Q 31807. **remarks:** Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575456 **donor id:** BRRI 2211. **origin:** Bangladesh. **cultivar:** BORO 16/1. **other id:** BE-4830. **other id:** Q 31808. **remarks:** Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575457 **donor id:** BRRI 2212. **origin:** Bangladesh. **cultivar:** BORO 19/1. **other id:** BE-4830. **other id:** Q 31809. **remarks:** Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575458 **donor id:** BRRI 2213. **origin:** Bangladesh. **cultivar:** BORO 34/18. **other id:** BE-4830. **other id:** Q 31810. **remarks:** Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575459 **donor id:** BRRI 2214. **origin:** Bangladesh. **cultivar:** BORO 40/1. **other id:** BE-4830. **other id:** Q 31811. **remarks:** Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.

PI 574658 to 575698-continued

- PI 575460 donor id: BRRRI 2215. origin: Bangladesh. cultivar: BORO 40/2. other id: BE-4830. other id: Q 31812. remarks: Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575461 donor id: BRRRI 2216. origin: Bangladesh. cultivar: BORO 65/2. other id: BE-4830. other id: Q 31813. remarks: Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575462 donor id: BRRRI 2217. origin: Bangladesh. cultivar: BORO 66/1. other id: BE-4830. other id: Q 31814. remarks: Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575463 donor id: BRRRI 2218. origin: Bangladesh. cultivar: BORO 67. other id: BE-4830. other id: Q 31815. remarks: Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575464 donor id: BRRRI 2219. origin: Bangladesh. cultivar: BORO 69/2. other id: BE-4830. other id: Q 31816. remarks: Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575465 donor id: BRRRI 2221. origin: Bangladesh. cultivar: BORO 74/1. other id: BE-4830. other id: Q 31817. remarks: Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575466 donor id: BRRRI 2222. origin: Bangladesh. cultivar: BORO 102/3. other id: BE-4830. other id: Q 31818. remarks: Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575467 donor id: BRRRI 2223. origin: Bangladesh. cultivar: BORO 109/2. other id: BE-4830. other id: Q 31819. remarks: Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575468 donor id: BRRRI 2224. origin: Bangladesh. cultivar: BORO 134/1. other id: BE-4830. other id: Q 31820. remarks: Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575469 donor id: BRRRI 2225. origin: Bangladesh. cultivar: BORO 135/1. other id: BE-4830. other id: Q 31821. remarks: Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.

PI 574658 to 575698-continued

- PI 575470 donor id: BRRI 2226. origin: Bangladesh. cultivar: BORO 194. other id: BE-4830. other id: Q 31822. remarks: Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575471 donor id: BRRI 2227. origin: Bangladesh. cultivar: BORO 209. other id: BE-4830. other id: Q 31823. remarks: Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575472 donor id: BRRI 2228. origin: Bangladesh. cultivar: BORO 354. other id: BE-4830. other id: Q 31824. remarks: Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575473 donor id: BRRI 2229. origin: Bangladesh. cultivar: BORO 391. other id: BE-4830. other id: Q 31825. remarks: Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575474 donor id: BRRI 2230. origin: Bangladesh. cultivar: BORO 397. other id: BE-4830. other id: Q 31826. remarks: Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575475 donor id: BRRI 2231. origin: Bangladesh. cultivar: BORO 398. other id: BE-4830. other id: Q 31827. remarks: Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575476 donor id: BRRI 2232. origin: Bangladesh. cultivar: BORO 465. other id: BE-4830. other id: Q 31828. remarks: Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575477 donor id: BRRI 2233. origin: Bangladesh. cultivar: BORO 471. other id: BE-4830. other id: Q 31829. remarks: Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575478 donor id: BRRI 2234. origin: Bangladesh. cultivar: BORO 475. other id: BE-4830. other id: Q 31830. remarks: Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575479 donor id: BRRI 2235. origin: Bangladesh. cultivar: BORO 477. other id: BE-4830. other id: Q 31831. remarks: Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.

PI 574658 to 575698-continued

- PI 575480 donor id: BRRI 2236. origin: Bangladesh. cultivar: BORO 507. other id: BE-4830. other id: Q 31832. remarks: Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575481 donor id: BRRI 2237. origin: Bangladesh. cultivar: BORO 522. other id: BE-4830. other id: Q 31833. remarks: Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575482 donor id: BRRI 2238. origin: Bangladesh. cultivar: BORO 734. other id: BE-4830. other id: Q 31834. remarks: Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575483 donor id: BRRI 2239. origin: Bangladesh. cultivar: BORO 99. other id: BE-4830. other id: Q 31835. remarks: Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575484 donor id: BRRI 2240. origin: Bangladesh. cultivar: BORO I 120. other id: BE-4830. other id: Q 31836. remarks: Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575485 donor id: BRRI 2241. origin: Bangladesh. cultivar: BORO 259. other id: BE-4830. other id: Q 31837. remarks: Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575486 donor id: BRRI 2242. origin: Bangladesh. cultivar: BORO 275. other id: BE-4830. other id: Q 31838. remarks: Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575487 donor id: BRRI 2243. origin: Bangladesh. cultivar: DHALI BORO 7/2. other id: BE-4830. other id: Q 31839. remarks: Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575488 donor id: BRRI 2244. origin: Bangladesh. cultivar: DHALI BORO 74/3. other id: BE-4830. other id: Q 31840. remarks: Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575489 donor id: BRRI 2245. origin: Bangladesh. cultivar: DHALI BORO 87/1. other id: BE-4830. other id: Q 31841. remarks: Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.

PI 574658 to 575698-continued

- PI 575490 **donor id:** BRR1 2246. **origin:** Bangladesh. **cultivar:** DHALI BORO 94. **other id:** BE-4830. **other id:** Q 31842. **remarks:** Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575491 **donor id:** BRR1 2247. **origin:** Bangladesh. **cultivar:** DHALI BORO 104/1. **other id:** BE-4830. **other id:** Q 31843. **remarks:** Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575492 **donor id:** BRR1 2248. **origin:** Bangladesh. **cultivar:** DHALI BORO 105/2. **other id:** BE-4830. **other id:** Q 31844. **remarks:** Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575493 **donor id:** BRR1 2249. **origin:** Bangladesh. **cultivar:** DHALI BORO 111/3. **other id:** BE-4830. **other id:** Q 31845. **remarks:** Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575494 **donor id:** BRR1 2250. **origin:** Bangladesh. **cultivar:** DHALI BORO 129/2. **other id:** BE-4830. **other id:** Q 31846. **remarks:** Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575495 **donor id:** BRR1 2251. **origin:** Bangladesh. **cultivar:** BOGURA. **other id:** BE-4830. **other id:** Q 31847. **remarks:** Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575496 **donor id:** BRR1 2252. **origin:** Bangladesh. **cultivar:** LAHAYA. **other id:** BE-4830. **other id:** Q 31848. **remarks:** Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575497 **donor id:** BRR1 2253. **origin:** Bangladesh. **cultivar:** JAGLI. **other id:** BE-4830. **other id:** Q 31849. **remarks:** Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575498 **donor id:** BRR1 2254. **origin:** Bangladesh. **cultivar:** DESHI BORO. **other id:** BE-4830. **other id:** Q 31850. **remarks:** Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575499 **donor id:** BRR1 2255. **origin:** Bangladesh. **cultivar:** DESHI BORO (2). **other id:** BE-4830. **other id:** Q 31851. **remarks:** Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.

PI 574658 to 575698-continued

- PI 575500 donor id: BRRI 2256. origin: Bangladesh. cultivar: TOPA. other id: BE-4830. other id: Q 31852. remarks: Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575501 donor id: BRRI 2257. origin: Bangladesh. cultivar: TUPA. other id: BE-4830. other id: Q 31853. remarks: Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575502 donor id: BRRI 2258. origin: Bangladesh. cultivar: CHHOLS BORO. other id: BE-4830. other id: Q 31854. remarks: Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575503 donor id: BRRI 2259. origin: Bangladesh. cultivar: CHHOLS BORO (2). other id: BE-4830. other id: Q 31855. remarks: Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575504 donor id: BRRI 2260. origin: Bangladesh. cultivar: KOLISHA BORO. other id: BE-4830. other id: Q 31856. remarks: Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575505 donor id: BRRI 2261. origin: Bangladesh. cultivar: GOA BISH. other id: BE-4830. other id: Q 31857. remarks: Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575506 donor id: BRRI 2262. origin: Bangladesh. cultivar: GOA BISH (2). other id: BE-4830. other id: Q 31858. remarks: Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575507 donor id: BRRI 2263. origin: Bangladesh. cultivar: GOA BISH (3). other id: BE-4830. other id: Q 31859. remarks: Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575508 donor id: BRRI 2264. origin: Bangladesh. cultivar: MADHAB SAIL. other id: BE-4830. other id: Q 31860. remarks: Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575509 donor id: BRRI 2265. origin: Bangladesh. cultivar: BERO-86. other id: BE-4830. other id: Q 31861. remarks: Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.

PI 574658 to 575698-continued

- PI 575510 donor id: BRRRI 2266. origin: Bangladesh. cultivar: MOGOL SAIL. other id: BE-4830. other id: Q 31862. remarks: Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575511 donor id: BRRRI 2267. origin: Bangladesh. cultivar: GOAL TEPI. other id: BE-4830. other id: Q 31863. remarks: Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575512 donor id: BRRRI 2268. origin: Bangladesh. cultivar: LAFA. other id: BE-4830. other id: Q 31864. remarks: Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575513 donor id: BRRRI 2269. origin: Bangladesh. cultivar: LAFAI. other id: BE-4830. other id: Q 31865. remarks: Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575514 donor id: BRRRI 2270. origin: Bangladesh. cultivar: HUA-YU-NO-1. other id: BE-4830. other id: Q 31866. remarks: Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575515 donor id: BRRRI 2276. origin: Bangladesh. cultivar: IR 5. other id: BE-4830. other id: Q 31867. remarks: Season: A,B,T,A. Annual. Seed.
- PI 575516 donor id: BRRRI 2277. origin: Bangladesh. cultivar: IR 8. other id: BE-4830. other id: Q 31868. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575517 donor id: BRRRI 2278. origin: Bangladesh. cultivar: IR 20. other id: BE-4830. other id: Q 31869. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575518 donor id: BRRRI 2279. origin: Bangladesh. cultivar: IR 22. other id: BE-4830. other id: Q 31870. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575519 donor id: BRRRI 2280. origin: Bangladesh. cultivar: IR 24. other id: BE-4830. other id: Q 31871. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575520 donor id: BRRRI 2281. origin: Bangladesh. cultivar: IR 26. other id: BE-4830. other id: Q 31872. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575521 donor id: BRRRI 2282. origin: Bangladesh. cultivar: IR 28. other id: BE-4830. other id: Q 31873. remarks: Season: A,B,T,A. Annual. Seed.

PI 574658 to 575698-continued

- PI 575522 donor id: BRR1 2283. origin: Bangladesh. cultivar: IR 29. other id: BE-4830. other id: Q 31874. remarks: Season: A,B,T,A. Annual. Seed.
- PI 575523 donor id: BRR1 2284. origin: Bangladesh. cultivar: IR 30. other id: BE-4830. other id: Q 31875. remarks: Season: A,B,T,A. Annual. Seed.
- PI 575524 donor id: BRR1 2285. origin: Bangladesh. cultivar: IR 32. other id: BE-4830. other id: Q 31876. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575525 donor id: BRR1 2286. origin: Bangladesh. cultivar: IR 34. other id: BE-4830. other id: Q 31877. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575526 donor id: BRR1 2287. origin: Bangladesh. cultivar: IR 36. other id: BE-4830. other id: Q 31878. remarks: Season: A,B,T,A. Annual. Seed.
- PI 575527 donor id: BRR1 2288. origin: Bangladesh. cultivar: IR 38. other id: BE-4830. other id: Q 31879. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575528 donor id: BRR1 2289. origin: Bangladesh. cultivar: IR 40. other id: BE-4830. other id: Q 31880. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575529 donor id: BRR1 2290. origin: Bangladesh. cultivar: IR 42. other id: BE-4830. other id: Q 31881. remarks: Photoperiod sensitive. Cold tolerant at vegetative period. Season: T. Aman, Boro. Annual. Seed.
- PI 575530 donor id: BRR1 2291. origin: Bangladesh. cultivar: IR 44. other id: BE-4830. other id: Q 31882. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575531 donor id: BRR1 2292. origin: Bangladesh. cultivar: IR 45. other id: BE-4830. other id: Q 31883. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575532 donor id: BRR1 2293. origin: Bangladesh. cultivar: IR 46. other id: BE-4830. other id: Q 31884. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575533 donor id: BRR1 2295. origin: Bangladesh. cultivar: IR 50. other id: BE-4830. other id: Q 31885. remarks: Season: A,B, T.Aman. Annual. Seed.
- PI 575534 donor id: BRR1 2296. origin: Bangladesh. cultivar: IR 52. other id: BE-4830. other id: Q 31886. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.

PI 574658 to 575698-continued

- PI 575535 **donor id:** BRRI 2298. **origin:** Bangladesh. **cultivar:** IR 56. **other id:** BE-4830. **other id:** Q 31887. **remarks:** Season A,B,T,A. Annual. Seed.
- PI 575536 **donor id:** BRRI 2299. **origin:** Bangladesh. **cultivar:** MI-SHAKA-MEL. **other id:** BE-4830. **other id:** Q 31888. **remarks:** Early, upland, drought tolerant. Season: Aus(Jhum). Annual. Seed.
- PI 575537 **donor id:** BRRI 2300. **origin:** Bangladesh. **cultivar:** MI-KOCHU-MISHAMAY. **other id:** BE-4830. **other id:** Q 31889. **remarks:** Early, upland, drought tolerant. Season: Aus(Jhum). Annual. Seed.
- PI 575538 **donor id:** BRRI 2301. **origin:** Bangladesh. **cultivar:** MI-DUAL. **other id:** BE-4830. **other id:** Q 31890. **remarks:** Early, upland, drought tolerant. Season: Aus(Jhum). Annual. Seed.
- PI 575539 **donor id:** BRRI 2302. **origin:** Bangladesh. **cultivar:** SARANG-MIGICHAK. **other id:** BE-4830. **other id:** Q 31891. **remarks:** Early, upland, drought tolerant. Season: Aus(Jhum). Annual. Seed.
- PI 575540 **donor id:** BRRI 2303. **origin:** Bangladesh. **cultivar:** ALANG-JASI-MIMIDIM. **other id:** BE-4830. **other id:** Q 31892. **remarks:** Early, upland, drought tolerant. Season: Aus(Jhum). Annual. Seed.
- PI 575541 **donor id:** BRRI 2304. **origin:** Bangladesh. **cultivar:** NUJI MA. **other id:** BE-4830. **other id:** Q 31893. **remarks:** Early, upland, drought tolerant. Season: Aus(Jhum). Annual. Seed.
- PI 575542 **donor id:** BRRI 2305. **origin:** Bangladesh. **cultivar:** MARAKA. **other id:** BE-4830. **other id:** Q 31894. **remarks:** Early, upland, drought tolerant. Season: Aus(Jhum). Annual. Seed.
- PI 575543 **donor id:** BRRI 2306. **origin:** Bangladesh. **cultivar:** MIMANG-GIM-BIL. **other id:** BE-4830. **other id:** Q 31895. **remarks:** Early, upland, drought tolerant. Season: Aus(Jhum). Annual. Seed.
- PI 575544 **donor id:** BRRI 2307. **origin:** Bangladesh. **cultivar:** MIRI PAK. **other id:** BE-4830. **other id:** Q 31896. **remarks:** Early, upland, drought tolerant. Season: Aus(Jhum). Annual. Seed.

PI 574658 to 575698-continued

- PI 575545 **donor id:** BRRI 2308. **origin:** Bangladesh. **cultivar:** BALDAK. **other id:** BE-4830. **other id:** Q 31897. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575546 **donor id:** BRRI 2309. **origin:** Bangladesh. **cultivar:** GOLON. **other id:** BE-4830. **other id:** Q 31898. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575547 **donor id:** BRRI 2310. **origin:** Bangladesh. **cultivar:** MIDU KATRA MIMIDIM. **other id:** BE-4830. **other id:** Q 31899. **remarks:** Early, upland, drought tolerant. Season: Aus(Jhum). Annual. Seed.
- PI 575548 **donor id:** BRRI 2311. **origin:** Bangladesh. **cultivar:** ABA IRIMI. **other id:** BE-4830. **other id:** Q 31900. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575549 **donor id:** BRRI 2312. **origin:** Bangladesh. **cultivar:** BADAI. **other id:** BE-4830. **other id:** Q 31901. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575550 **donor id:** BRRI 2314. **origin:** Bangladesh. **cultivar:** SARENG-MA. **other id:** BE-4830. **other id:** Q 31902. **remarks:** Early, upland, drought tolerant. Season: Aus(Jhum). Annual. Seed.
- PI 575551 **donor id:** BRRI 2315. **origin:** Bangladesh. **cultivar:** SARANG-MIRIT. **other id:** BE-4830. **other id:** Q 31903. **remarks:** Early, upland, drought tolerant. Season: Aus(Jhum). Annual. Seed.
- PI 575552 **donor id:** BRRI 2316. **origin:** Bangladesh. **cultivar:** MARAKA MIGICHAK. **other id:** BE-4830. **other id:** Q 31904. **remarks:** Early, upland, drought tolerant. Season: Aus(Jhum). Annual. Seed.
- PI 575553 **donor id:** BRRI 2317. **origin:** Bangladesh. **cultivar:** SARANG MIRIMEW. **other id:** BE-4830. **other id:** Q 31905. **remarks:** Early, upland, drought tolerant. Season: Aus(Jhum). Annual. Seed.
- PI 575554 **donor id:** BRRI 2318. **origin:** Bangladesh. **cultivar:** SA-SA-BALEK. **other id:** BE-4830. **other id:** Q 31906. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.

PI 574658 to 575698-continued

- PI 575555 donor id: BRRI 2319. origin: Bangladesh. cultivar: MITAMBING-GUD-CHAK. other id: BE-4830. other id: Q 31907. remarks: Early, upland, drought tolerant. Season: Aus(Jhum). Annual. Seed.
- PI 575556 donor id: BRRI 2322. origin: Bangladesh. cultivar: GIMA. other id: BE-4830. other id: Q 31908. remarks: Photoperiod sensitive. Season: T.Aman. Annual. Seed.
- PI 575557 donor id: BRRI 2324. origin: Bangladesh. cultivar: GOBRA. other id: BE-4830. other id: Q 31909. remarks: Photoperiod sensitive. Season: T.Aman. Annual. Seed.
- PI 575558 donor id: BRRI 2325. origin: Bangladesh. cultivar: LAXMILATA. other id: BE-4830. other id: Q 31910. remarks: Photoperiod sensitive. Season: T.Aman. Annual. Seed.
- PI 575559 donor id: BRRI 2330. origin: Bangladesh. cultivar: KALO AUS. other id: BE-4830. other id: Q 31911. remarks: Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575560 donor id: BRRI 2331. origin: Bangladesh. cultivar: SAITA (1). other id: BE-4830. other id: Q 31912. remarks: Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575561 donor id: BRRI 2332. origin: Bangladesh. cultivar: SAITA (2). other id: BE-4830. other id: Q 31913. remarks: Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575562 donor id: BRRI 2334. origin: Bangladesh. cultivar: PANKAJ. other id: BE-4830. other id: Q 31914. remarks: Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575563 donor id: BRRI 2338. origin: Bangladesh. cultivar: HASHA. other id: BE-4830. other id: Q 31915. remarks: Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575564 donor id: BRRI 2342. origin: Bangladesh. cultivar: AITRA. other id: BE-4830. other id: Q 31916. remarks: Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575565 donor id: BRRI 2343. origin: Bangladesh. cultivar: KANNYA SUNDARI. other id: BE-4830. other id: Q 31917. remarks: Early, upland, drought tolerant. Season: Aus. Annual. Seed.

PI 574658 to 575698-continued

- PI 575566 **donor id:** BRRI 2344. **origin:** Bangladesh. **cultivar:** BAILA BOKRI. **other id:** BE-4830. **other id:** Q 31918. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575567 **donor id:** BRRI 2345. **origin:** Bangladesh. **cultivar:** KAISHA BANDA. **other id:** BE-4830. **other id:** Q 31919. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575568 **donor id:** BRRI 2346. **origin:** Bangladesh. **cultivar:** FARASHI. **other id:** BE-4830. **other id:** Q 31920. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575569 **donor id:** BRRI 2349. **origin:** Bangladesh. **cultivar:** DHAL KASAI. **other id:** BE-4830. **other id:** Q 31921. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575570 **donor id:** BRRI 2350. **origin:** Bangladesh. **cultivar:** GORPA. **other id:** BE-4830. **other id:** Q 31922. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575571 **donor id:** BRRI 2358. **origin:** Bangladesh. **cultivar:** BAKEE. **other id:** BE-4830. **other id:** Q 31923. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575572 **donor id:** BRRI 2359. **origin:** Bangladesh. **cultivar:** GORCHA. **other id:** BE-4830. **other id:** Q 31924. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575573 **donor id:** BRRI 2360. **origin:** Bangladesh. **cultivar:** BRAH LUI. **other id:** BE-4830. **other id:** Q 31925. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575574 **donor id:** BRRI 2363. **origin:** Bangladesh. **cultivar:** KAZI LAXMI. **other id:** BE-4830. **other id:** Q 31926. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575575 **donor id:** BRRI 2364. **origin:** Bangladesh. **cultivar:** FULKAIZ. **other id:** BE-4830. **other id:** Q 31927. **remarks:** Photoperiod sensitive. Season: T.Aman. Annual. Seed.

PI 574658 to 575698-continued

- PI 575576 **donor id:** BRR1 2365. **origin:** Bangladesh. **cultivar:** DHALI KHAMA. **other id:** BE-4830. **other id:** Q 31928. **remarks:** Season: B. Aman. Annual. Seed.
- PI 575577 **donor id:** BRR1 2366. **origin:** Bangladesh. **cultivar:** KATI BAZAL. **other id:** BE-4830. **other id:** Q 31929. **remarks:** Season: B. Aman. Annual. Seed.
- PI 575578 **donor id:** BRR1 2367. **origin:** Bangladesh. **cultivar:** LAXMI BILASH. **other id:** BE-4830. **other id:** Q 31930. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575579 **donor id:** BRR1 2368. **origin:** Bangladesh. **cultivar:** CHENGA MURA. **other id:** BE-4830. **other id:** Q 31931. **remarks:** Season: B. Aman. Annual. Seed.
- PI 575580 **donor id:** BRR1 2369. **origin:** Bangladesh. **cultivar:** KALAGURA. **other id:** BE-4830. **other id:** Q 31932. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575581 **donor id:** BRR1 2371. **origin:** Bangladesh. **cultivar:** SONA DIGHA. **other id:** BE-4830. **other id:** Q 31933. **remarks:** Season: B. Aman. Annual. Seed.
- PI 575582 **donor id:** BRR1 2372. **origin:** Bangladesh. **cultivar:** DALAI AMON. **other id:** BE-4830. **other id:** Q 31934. **remarks:** Season: B. Aman. Annual. Seed.
- PI 575583 **donor id:** BRR1 2374. **origin:** Bangladesh. **cultivar:** RANGI KHAMA. **other id:** BE-4830. **other id:** Q 31935. **remarks:** Season: B. Aman. Annual. Seed.
- PI 575584 **donor id:** BRR1 2375. **origin:** Bangladesh. **cultivar:** SURJO MUKHI. **other id:** BE-4830. **other id:** Q 31936. **remarks:** Early, upland, drought tolerant. Season: Aus(upland). Annual. Seed.
- PI 575585 **donor id:** BRR1 2376. **origin:** Bangladesh. **cultivar:** GOTA. **other id:** BE-4830. **other id:** Q 31937. **remarks:** Season: B. Aman. Annual. Seed.
- PI 575586 **donor id:** BRR1 2378. **origin:** Bangladesh. **cultivar:** RAHI KHAMA. **other id:** BE-4830. **other id:** Q 31938. **remarks:** Season: B. Aman. Annual. Seed.
- PI 575587 **donor id:** BRR1 2379. **origin:** Bangladesh. **cultivar:** DIL KHAMA. **other id:** BE-4830. **other id:** Q 31939. **remarks:** Season: B. Aman. Annual. Seed.

PI 574658 to 575698-continued

- PI 575588 donor id: BRRI 2380. origin: Bangladesh. cultivar: SHARISA FUL. other id: BE-4830. other id: Q 31940. remarks: Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575589 donor id: BRRI 2381. origin: Bangladesh. cultivar: KALAI AMON. other id: BE-4830. other id: Q 31941. remarks: Season: B.Aman. Annual. Seed.
- PI 575590 donor id: BRRI 2382. origin: Bangladesh. cultivar: BOILA AMON. other id: BE-4830. other id: Q 31942. remarks: Season: B.Aman. Annual. Seed.
- PI 575591 donor id: BRRI 2383. origin: Bangladesh. cultivar: SONA JHURI. other id: BE-4830. other id: Q 31943. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575592 donor id: BRRI 2384. origin: Bangladesh. cultivar: SHECHI. other id: BE-4830. other id: Q 31944. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575593 donor id: BRRI 2385. origin: Bangladesh. cultivar: JAL KUMARI. other id: BE-4830. other id: Q 31945. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575594 donor id: BRRI 2386. origin: Bangladesh. cultivar: OMNI BORO. other id: BE-4830. other id: Q 31946. remarks: Cold tolerant at vegetative stage. Season: Boro. Annual. Seed.
- PI 575595 donor id: BRRI 2387. origin: Bangladesh. cultivar: KUMRI. other id: BE-4830. other id: Q 31947. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575596 donor id: BRRI 2388. origin: Bangladesh. cultivar: GOAL LATA. other id: BE-4830. other id: Q 31948. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575597 donor id: BRRI 2389. origin: Bangladesh. cultivar: LOATUNG. other id: BE-4830. other id: Q 31949. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575598 donor id: BRRI 2390. origin: Bangladesh. cultivar: TELOS. other id: BE-4830. other id: Q 31950. remarks: Season: B. Aman. Annual. Seed.
- PI 575599 donor id: BRRI 2391. origin: Bangladesh. cultivar: ECORGOJ. other id: BE-4830. other id: Q 31951. remarks: Early, upland, drought tolerant. Season: Aus. Annual. Seed.

PI 574658 to 575698-continued

- PI 575600 **donor id:** BRRI 2392. **origin:** Bangladesh. **cultivar:** ANNYA LAITA. **other id:** BE-4830. **other id:** Q 31952. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575601 **donor id:** BRRI 2393. **origin:** Bangladesh. **cultivar:** PATI SAIL. **other id:** BE-4830. **other id:** Q 31953. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575602 **donor id:** BRRI 2394. **origin:** Bangladesh. **cultivar:** BHOBANI MOKTAR. **other id:** BE-4830. **other id:** Q 31954. **remarks:** Season: B. Aman. Annual. Seed.
- PI 575603 **donor id:** BRRI 2395. **origin:** Bangladesh. **cultivar:** DHALAI ROPA. **other id:** BE-4830. **other id:** Q 31955. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575604 **donor id:** BRRI 2396. **origin:** Bangladesh. **cultivar:** BADAI BORON. **other id:** BE-4830. **other id:** Q 31956. **remarks:** Season: B. Aman. Annual. Seed.
- PI 575605 **donor id:** BRRI 2397. **origin:** Bangladesh. **cultivar:** SONA MOTI. **other id:** BE-4830. **other id:** Q 31957. **remarks:** Season: B. Aman. Annual. Seed.
- PI 575606 **donor id:** BRRI 2398. **origin:** Bangladesh. **cultivar:** NOLOJ. **other id:** BE-4830. **other id:** Q 31958. **remarks:** Season: B. Aman. Annual. Seed.
- PI 575607 **donor id:** BRRI 2399. **origin:** Bangladesh. **cultivar:** GOTA BAZAL. **other id:** BE-4830. **other id:** Q 31959. **remarks:** Season: B. Aman. Annual. Seed.
- PI 575608 **donor id:** BRRI 2400. **origin:** Bangladesh. **cultivar:** ARALI. **other id:** BE-4830. **other id:** Q 31960. **remarks:** Season: B. Aman. Annual. Seed.
- PI 575609 **donor id:** BRRI 2401. **origin:** Bangladesh. **cultivar:** HASH FUL. **other id:** BE-4830. **other id:** Q 31961. **remarks:** Season: B. Aman. Annual. Seed.
- PI 575610 **donor id:** BRRI 2402. **origin:** Bangladesh. **cultivar:** RAJ BHOG. **other id:** BE-4830. **other id:** Q 31962. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575611 **donor id:** BRRI 2403. **origin:** Bangladesh. **cultivar:** ASHA KUMARI. **other id:** BE-4830. **other id:** Q 31963. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.

PI 574658 to 575698-continued

- PI 575612 donor id: BRR I 2405. origin: Bangladesh. cultivar: MODHU SAIL. other id: BE-4830. other id: Q 31964. remarks: Season: B. Aman. Annual. Seed.
- PI 575613 donor id: BRR I 2406. origin: Bangladesh. cultivar: JAL DIGHA. other id: BE-4830. other id: Q 31965. remarks: Season: B. Aman. Annual. Seed.
- PI 575614 donor id: BRR I 2407. origin: Bangladesh. cultivar: KANPASHA. other id: BE-4830. other id: Q 31966. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575615 donor id: BRR I 2408. origin: Bangladesh. cultivar: KAISHA MONI. other id: BE-4830. other id: Q 31967. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575616 donor id: BRR I 2409. origin: Bangladesh. cultivar: KUMRI. other id: BE-4830. other id: Q 31968. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575617 donor id: BRR I 2410. origin: Bangladesh. cultivar: NOHATI. other id: BE-4830. other id: Q 31969. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575618 donor id: BRR I 2411. origin: Bangladesh. cultivar: ASSHINI. other id: BE-4830. other id: Q 31970. remarks: Season: B. Aman. Annual. Seed.
- PI 575619 donor id: BRR I 2412. origin: Bangladesh. cultivar: CHINIGURA. other id: BE-4830. other id: Q 31971. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575620 donor id: BRR I 2413. origin: Bangladesh. cultivar: GHEGOJ. other id: BE-4830. other id: Q 31972. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575621 donor id: BRR I 2414. origin: Bangladesh. cultivar: TIL BAZAL. other id: BE-4830. other id: Q 31973. remarks: Season: B. Aman. Annual. Seed.
- PI 575622 donor id: BRR I 2415. origin: Bangladesh. cultivar: BOAL JHURI. other id: BE-4830. other id: Q 31974. remarks: Season: B. Aman. Annual. Seed.
- PI 575623 donor id: BRR I 2416. origin: Bangladesh. cultivar: MIRPOM. other id: BE-4830. other id: Q 31975. remarks: Early, upland, drought tolerant. Season: Aus. Annual. Seed.

PI 574658 to 575698-continued

- PI 575624 **donor id:** BRRI 2418. **origin:** Bangladesh. **cultivar:** KAISHA BINNI. **other id:** BE-4830. **other id:** Q 31976. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575625 **donor id:** BRRI 2419. **origin:** Bangladesh. **cultivar:** BAZAL. **other id:** BE-4830. **other id:** Q 31977. **remarks:** Season: B. Aman. Annual. Seed.
- PI 575626 **donor id:** BRRI 2420. **origin:** Bangladesh. **cultivar:** ECHORCHALA. **other id:** BE-4830. **other id:** Q 31978. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575627 **donor id:** BRRI 2421. **origin:** Bangladesh. **cultivar:** LAL DHAN. **other id:** BE-4830. **other id:** Q 31979. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575628 **donor id:** BRRI 2422. **origin:** Bangladesh. **cultivar:** ELAIROPA. **other id:** BE-4830. **other id:** Q 31980. **remarks:** Season: B. Aman. Annual. Seed.
- PI 575629 **donor id:** BRRI 2423. **origin:** Bangladesh. **cultivar:** ELAI. **other id:** BE-4830. **other id:** Q 31981. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575630 **donor id:** BRRI 2424. **origin:** Bangladesh. **cultivar:** HALUD JARON. **other id:** BE-4830. **other id:** Q 31982. **remarks:** Season: B. Aman. Annual. Seed.
- PI 575631 **donor id:** BRRI 2425. **origin:** Bangladesh. **cultivar:** DUP RAJ. **other id:** BE-4830. **other id:** Q 31983. **remarks:** Season: B. Aman. Annual. Seed.
- PI 575632 **donor id:** BRRI 2426. **origin:** Bangladesh. **cultivar:** KOIA. **other id:** BE-4830. **other id:** Q 31984. **remarks:** Early, upland, drought tolerant. Season: Aus. Annual. Seed.
- PI 575633 **donor id:** BRRI 2427. **origin:** Bangladesh. **cultivar:** KOIA DIGHA. **other id:** BE-4830. **other id:** Q 31985. **remarks:** Season: B. Aman. Annual. Seed.
- PI 575634 **donor id:** BRRI 2428. **origin:** Bangladesh. **cultivar:** HAICHA AMON. **other id:** BE-4830. **other id:** Q 31986. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575635 **donor id:** BRRI 2429. **origin:** Bangladesh. **cultivar:** LENJA. **other id:** BE-4830. **other id:** Q 31987. **remarks:** Season: B. Aman. Annual. Seed.

PI 574658 to 575698-continued

- PI 575636 donor id: BRRI 2430. origin: Bangladesh. cultivar: JAL KADA. other id: BE-4830. other id: Q 31988. remarks: Season: B. Aman. Annual. Seed.
- PI 575637 donor id: BRRI 2431. origin: Bangladesh. cultivar: MECHI SAIL. other id: BE-4830. other id: Q 31989. remarks: Season: B. Aman. Annual. Seed.
- PI 575638 donor id: BRRI 2432. origin: Bangladesh. cultivar: MOISHLOM. other id: BE-4830. other id: Q 31990. remarks: Early, upland, drought tolerant. Season: Aus (upland). Annual. Seed.
- PI 575639 donor id: BRRI 2434. origin: Bangladesh. cultivar: LAIDA. other id: BE-4830. other id: Q 31991. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575640 donor id: BRRI 2435. origin: Bangladesh. cultivar: RAJA SAIL TAPL-2. other id: BE-4830. other id: Q 31992. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575641 donor id: BRRI 2436. origin: Bangladesh. cultivar: RAJA SAIL TAPL-3. other id: BE-4830. other id: Q 31993. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575642 donor id: BRRI 2437. origin: Bangladesh. cultivar: RAJA SAIL TAPL-5. other id: BE-4830. other id: Q 31994. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575643 donor id: BRRI 2438. origin: Bangladesh. cultivar: RAJA SAIL TAPL-6. other id: BE-4830. other id: Q 31995. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575644 donor id: BRRI 2439. origin: Bangladesh. cultivar: RAJA SAIL TAPL-3. other id: BE-4830. other id: Q 31996. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575645 donor id: BRRI 2440. origin: Bangladesh. cultivar: RAJA SAIL TAPL-8. other id: BE-4830. other id: Q 31997. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575646 donor id: BRRI 2441. origin: Bangladesh. cultivar: RAJA SAIL TAPL-10. other id: BE-4830. other id: Q 31998. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.

PI 574658 to 575698-continued

- PI 575647 **donor id:** BRRI 2443. **origin:** Bangladesh. **cultivar:** RAJA SAIL TAPL-13. **other id:** BE-4830. **other id:** Q 31999. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575648 **donor id:** BRRI 2445. **origin:** Bangladesh. **cultivar:** RAJA SAIL TAPL-15. **other id:** BE-4830. **other id:** Q 32000. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575649 **donor id:** BRRI 2446. **origin:** Bangladesh. **cultivar:** RAJA SAIL TAPL-16. **other id:** BE-4830. **other id:** Q 32001. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575650 **donor id:** BRRI 2447. **origin:** Bangladesh. **cultivar:** RAJA SAIL TAPL-17. **other id:** BE-4830. **other id:** Q 32002. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575651 **donor id:** BRRI 2448. **origin:** Bangladesh. **cultivar:** RAJA SAIL TAPL-18. **other id:** BE-4830. **other id:** Q 32003. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575652 **donor id:** BRRI 2449. **origin:** Bangladesh. **cultivar:** RAJA SAIL TAPL-19. **other id:** BE-4830. **other id:** Q 32004. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575653 **donor id:** BRRI 2450. **origin:** Bangladesh. **cultivar:** RAJA SAIL TAPL-20. **other id:** BE-4830. **other id:** Q 32005. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575654 **donor id:** BRRI 2451. **origin:** Bangladesh. **cultivar:** RAJA SAIL TAPL-21. **other id:** BE-4830. **other id:** Q 32006. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575655 **donor id:** BRRI 2452. **origin:** Bangladesh. **cultivar:** RAJA SAIL TAPL-22. **other id:** BE-4830. **other id:** Q 32007. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575656 **donor id:** BRRI 2453. **origin:** Bangladesh. **cultivar:** JESSO BALAM TAPL-23. **other id:** BE-4830. **other id:** Q 32008. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.

PI 574658 to 575698-continued

- PI 575657 **donor id:** BRR1 2454. **origin:** Bangladesh. **cultivar:** JESSO BALAM TAPL-25. **other id:** BE-4830. **other id:** Q 32009. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575658 **donor id:** BRR1 2455. **origin:** Bangladesh. **cultivar:** JESSO BALAM TAPL-26. **other id:** BE-4830. **other id:** Q 32010. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575659 **donor id:** BRR1 2456. **origin:** Bangladesh. **cultivar:** JESSO BALAM TAPL-27. **other id:** BE-4830. **other id:** Q 32011. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575660 **donor id:** BRR1 2457. **origin:** Bangladesh. **cultivar:** JESSO BALAM TAPL-28. **other id:** BE-4830. **other id:** Q 32012. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575661 **donor id:** BRR1 2458. **origin:** Bangladesh. **cultivar:** JESSO BALAM TAPL-29. **other id:** BE-4830. **other id:** Q 32013. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575662 **donor id:** BRR1 2459. **origin:** Bangladesh. **cultivar:** JESSO BALAM TAPL-30. **other id:** BE-4830. **other id:** Q 32014. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575663 **donor id:** BRR1 2460. **origin:** Bangladesh. **cultivar:** JESSO BALAM TAPL-31. **other id:** BE-4830. **other id:** Q 32015. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575664 **donor id:** BRR1 2461. **origin:** Bangladesh. **cultivar:** JESSO BALAM TAPL-32. **other id:** BE-4830. **other id:** Q 32016. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575665 **donor id:** BRR1 2462. **origin:** Bangladesh. **cultivar:** JESSO BALAM TAPL-33. **other id:** BE-4830. **other id:** Q 32017. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575666 **donor id:** BRR1 2463. **origin:** Bangladesh. **cultivar:** JESSO BALAM TAPL-34. **other id:** BE-4830. **other id:** Q 32018. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.

PI 574658 to 575698-continued

- PI 575667 **donor id:** BRRI 2464. **origin:** Bangladesh. **cultivar:** JESSO BALAM TAPL-35. **other id:** BE-4830. **other id:** Q 32019. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575668 **donor id:** BRRI 2465. **origin:** Bangladesh. **cultivar:** JESSO BALAM TAPL-36. **other id:** BE-4830. **other id:** Q 32020. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575669 **donor id:** BRRI 2466. **origin:** Bangladesh. **cultivar:** JESSO BALAM TAPL-37. **other id:** BE-4830. **other id:** Q 32021. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575670 **donor id:** BRRI 2467. **origin:** Bangladesh. **cultivar:** JESSO BALAM TAPL-38. **other id:** BE-4830. **other id:** Q 32022. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575671 **donor id:** BRRI 2468. **origin:** Bangladesh. **cultivar:** JESSO BALAM TAPL-39. **other id:** BE-4830. **other id:** Q 32023. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575672 **donor id:** BRRI 2469. **origin:** Bangladesh. **cultivar:** JESSO BALAM TAPL-40. **other id:** BE-4830. **other id:** Q 32024. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575673 **donor id:** BRRI 2470. **origin:** Bangladesh. **cultivar:** JESSO BALAM TAPL-41. **other id:** BE-4830. **other id:** Q 32025. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575674 **donor id:** BRRI 2471. **origin:** Bangladesh. **cultivar:** JESSO BALAM TAPL-42. **other id:** BE-4830. **other id:** Q 32026. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575675 **donor id:** BRRI 2472. **origin:** Bangladesh. **cultivar:** JESSO BALAM TAPL-43. **other id:** BE-4830. **other id:** Q 32027. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575676 **donor id:** BRRI 2473. **origin:** Bangladesh. **cultivar:** JESSO BALAM TAPL-44. **other id:** BE-4830. **other id:** Q 32028. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.

PI 574658 to 575698-continued

- PI 575677 donor id: BRRRI 2474. origin: Bangladesh. cultivar: JESSO BALAM TAPL-45. other id: BE-4830. other id: Q 32029. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575678 donor id: BRRRI 2475. origin: Bangladesh. cultivar: JESSO BALAM TAPL-46. other id: BE-4830. other id: Q 32030. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575679 donor id: BRRRI 2476. origin: Bangladesh. cultivar: JESSO BALAM TAPL-47. other id: BE-4830. other id: Q 32031. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575680 donor id: BRRRI 2477. origin: Bangladesh. cultivar: JESSO BALAM TAPL-48. other id: BE-4830. other id: Q 32032. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575681 donor id: BRRRI 2479. origin: Bangladesh. cultivar: JESSO BALAM TAPL-50. other id: BE-4830. other id: Q 32033. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575682 donor id: BRRRI 2480. origin: Bangladesh. cultivar: JESSO BALAM TAPL-51. other id: BE-4830. other id: Q 32034. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575683 donor id: BRRRI 2482. origin: Bangladesh. cultivar: BADHA BHOG TAPL-52. other id: BE-4830. other id: Q 32035. remarks: Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575684 donor id: BRRRI 2483. origin: Bangladesh. cultivar: BADHA BHOG TAPL-54. other id: BE-4830. other id: Q 32036. remarks: Photoperiod sensitive. Season: T. Aman. Scented. Annual. Seed.
- PI 575685 donor id: BRRRI 2489. origin: Bangladesh. cultivar: BADHA BHOG TAPL-59. other id: BE-4830. other id: Q 32037. remarks: Photoperiod sensitive. Season: T. Aman. Scented. Annual. Seed.
- PI 575686 donor id: BRRRI 2491. origin: Bangladesh. cultivar: BADHA BHOG TAPL-63. other id: BE-4830. other id: Q 32038. remarks: Photoperiod sensitive. Season: T. Aman. Scented. Annual. Seed.

PI 574658 to 575698-continued

- PI 575687 **donor id:** BRRRI 2493. **origin:** Bangladesh. **cultivar:** KALI JIRA TAPL-64. **other id:** BE-4830. **other id:** Q 32039. **remarks:** Photoperiod sensitive. Season: T. Aman. Scented. Annual. Seed.
- PI 575688 **donor id:** BRRRI 2497. **origin:** Bangladesh. **cultivar:** KALI JIRA TAPL-70. **other id:** BE-4830. **other id:** Q 32040. **remarks:** Photoperiod sensitive. Season: T. Aman. Scented. Annual. Seed.
- PI 575689 **donor id:** BRRRI 2500. **origin:** Bangladesh. **cultivar:** KALI JIRA TAPL-73. **other id:** BE-4830. **other id:** Q 32041. **remarks:** Photoperiod sensitive. Season: T. Aman. Scented. Annual. Seed.
- PI 575690 **donor id:** BRRRI 2501. **origin:** Bangladesh. **cultivar:** KALI JIRA TAPL-74. **other id:** BE-4830. **other id:** Q 32042. **remarks:** Photoperiod sensitive. Season: T. Aman. Scented. Annual. Seed.
- PI 575691 **donor id:** BRRRI 2502. **origin:** Bangladesh. **cultivar:** RADHUNI PAGAL TAPL-75. **other id:** BE-4830. **other id:** Q 32043. **remarks:** Photoperiod sensitive. Season: T. Aman. Scented. Annual. Seed.
- PI 575692 **donor id:** BRRRI 2504. **origin:** Bangladesh. **cultivar:** RADHUNI PAGAL TAPL-77. **other id:** BE-4830. **other id:** Q 32044. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575693 **donor id:** BRRRI 2505. **origin:** Bangladesh. **cultivar:** KATARI BHOG TAPL-78. **other id:** BE-4830. **other id:** Q 32045. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575694 **donor id:** BRRRI 2506. **origin:** Bangladesh. **cultivar:** KATARI BHOG TAPL-79. **other id:** BE-4830. **other id:** Q 32046. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575695 **donor id:** BRRRI 2507. **origin:** Bangladesh. **cultivar:** KATARI BHOG TAPL-80. **other id:** BE-4830. **other id:** Q 32047. **remarks:** Photoperiod sensitive. Season: T. Aman. Annual. Seed.
- PI 575696 **donor id:** BRRRI 4340. **origin:** Bangladesh. **cultivar:** MODHU MALA. **other id:** BE-4830. **other id:** Q 32048. **remarks:** Photoperiod sensitive. Season: T. Aman. Scented. Annual. Seed.

PI 574658 to 575698-continued

PI 575697 **donor id:** BRR1 4341. **origin:** Bangladesh. **cultivar:** KHASHKANI. **other id:** BE-4830. **other id:** Q 32049. **remarks:** Photoperiod sensitive. Season: T. Aman. Scented. Annual. Seed.

PI 575698 **donor id:** BRR1 4343. **origin:** Bangladesh. **cultivar:** BR5. **other id:** BE-4830. **other id:** Q 32050. **remarks:** Photoperiod sensitive. Season: T. Aman. Scented. Annual. Seed.

PI 575699. *Saccharum* hybrid POACEAE Sugarcane

Donated by: Milligan, S.B., Louisiana Agr. Exp. Sta., Louisiana State University, Baton Rouge, Louisiana 70803, United States; and Agricultural Research Service -- USDA; and American Sugar Cane League. **remarks:** LCP 85-384 Sugarcane. Received December 08, 1993.

origin: United States. **developed:** S.B.Milligan, F.A.Martin, K.P.Bischoff, J.P.Quebedeaux, E.O. Dufrene, K.L.Quebedeaux, J.Hoy, T.Reagan, B.Legendre, J.D.Miller. **origin institute:** Louisiana Agr. Exp. Sta., Louisiana State University, St. Gabriel Research Station, Baton Rouge, Louisiana 70803 United States. **cultivar:** LCP 85-384. **pedigree:** CP77-310/CP77-407. Interspecific hybrid of *Saccharum officinarum*, *S. spontaneum*, and *S. barberi*. **other id:** CV-93. **group:** CSR-SUGARCANE. **restricted:** CSR. **remarks:** Produces very high populations (8 stalks m⁻²) of small stalks (0.89kg). Mean recoverable sucrose content of 133 kg Mg⁻¹ with an average fiber content of 12.5%. Sucrose yields averaged 9.2 Mg ha⁻¹ or about 136% of the check yields. Generally erect and suited for mechanical harvesting. Susceptible to injury caused by sugarcane borer (*Diatraea saccharalis*). Moderately resistant to smut (*Ustilago scitaminea*). Resistant to sugarcane mosaic virus and susceptible to ratoon stunting disease (*Clavibacter xyli* subsp. *xyli*). Vegetatively reproduced. Perennial. Cultivar. Cutting.

PI 575700. *Saccharum* hybrid POACEAE Sugarcane

Donated by: Legendre, B.L., Agricultural Research Service -- USDA, Sugarcane Research Unit, Houma, Louisiana 70361, United States; and Louisiana Agr. Exp. Sta.; and American Sugar Cane League. **remarks:** HoCP 85-845 Sugarcane. Received December 08, 1993.

PI 575700-continued

origin: United States. **developed:** B.L. Legendre, M.P. Grisham, W.H. White, D.D. Garrison, E.O. Dufrene, J.D. Miller. **origin institute:** Agricultural Research Service -- USDA, Sugarcane Research Unit, P.O. Box 470, Houma, Louisiana 70361 United States. **cultivar:** HoCP 85-845. **pedigree:** CP 72-370/CP 77-403. BC4 progeny of interspecific hybrid of *Saccharum officinarum*, *S. spontaneum*, *S. barberi*, and *S. spontaneum* clone US 56-15-8. **other id:** CV-94. **group:** CSR-SUGARCANE. **restricted:** CSR. **remarks:** Superior yield of sugar in the plant-cane crop and yield of cane and number of millable stalks in the plant-cane and ratoon crops. Stalks medium size (0.91kg), light green under leaf sheath and dark green to light red in areas exposed to sun. Moderate fiber content (13.1%), a good milling factor (1.016), and erect growth. Resistant to sugarcane borer (*Diatraea saccharalis*), sugarcane mosaic virus and smut (*Ustilago scitaminea*), but susceptible to ratoon stunting disease (*Clavibacter xyli* subsp. *xyli*). Vegetatively reproduced. Perennial. Cultivar. Cutting.

PI 575701. *Vicia villosa* Roth FABACEAE Hairy vetch

Donated by: Owsley, C.M., USDA-SCS, Americus Plant Materials Center, 295 Morris Drive, Americus, Georgia 31709, United States. **remarks:** Received through USDA-SCS, National Plant Materials Center, Bldg. 509, BARC-East, Beltsville, MD 20705. Received December 06, 1993.

origin: United States. **cultivar:** VIVI. **pedigree:** Composite of PI 561945, PI 561946, and PI 561947. **collected:** May 01, 1986. **collector:** J.L. Smith. **other id:** W6 14211. **group:** W6. **locality:** Red bay soil, 0-5% slope, along side of right-of-way of hwy near Faith Tabernacle Church, Henry Co. **remarks:** Decumbent cool season legume. Early bloom dates. Plant height 200-830mm. Disease and insect resistant. Used in conservation tillage systems as a cool season cover crop. Cultivated. Seed.

PI 575702. *Elytrigia intermedia* (Host) Nevski POACEAE

Donated by: Young, G., USDA-SCS, Aberdeen Plant Materials Center, P.O. Box 296, Aberdeen, Idaho 83210, United States. Received December 08, 1993.

origin: United States. **cultivar:** RUSH. **pedigree:** Isolated from broad germplasm (population) PI 281863 through 3 cycles of restrictive vegetative selection and increase. **other id:** FID 110. **other id:** W6 14006.
group: W6. **remarks:** Moderately rhizomatous, (1-3 dm per year), densely tillered, 120-160cm tall. Hexaploid (6x=42). Leaf sheaths glabrous, blades flat, 10 to 17mm wide, (17-21mm wide under irrigation), leaves basal and on culms, somewhat lax. Foliage varies from moderately glaucous (blue) to dark green. Spikes elongated, 20-40cm long. Spikelets 18-22mm long. Seeds large, (7.5g/1000 seeds). Very rapid germination. Resistant to cold (-35 C). Somewhat resistant to drought. Some lodging in irrigated fields. No reported losses to diseases or insects. Perennial. Cultivar. Seed.

PI 575703 to 576014. *Sorghum bicolor* (L.) Moench POACEAE Sorghum

Donated by: Paul, C.L., CIMMYT, International Maize & Wheat Imp. Center, Apdo. Postal 6-641, Mexico 06600, Mexico. Received December 03, 1993.

- PI 575703 **origin:** Mexico. **pedigree:** (SCP-588-1). **other id:** ICSV-LM 89501. **remarks:** Tolerant to antracnosis. Days to flower 96. Plant height 120 cm. Grain color red. Breeding Material. Seed.
- PI 575704 **origin:** Mexico. **pedigree:** (SCP-588-2). **other id:** ICSV-LM 89502. **remarks:** Days to flower 100. Plant height 105 cm. Grain color red. Breeding Material. Seed.
- PI 575705 **origin:** Mexico. **pedigree:** SEL. DE VG-192 (White). **other id:** ICSV-LM 89503. **remarks:** Tolerant to cercospora and gloeocercospora. Days to flower 102. Plant height 110 cm. Grain color red. Breeding Material. Seed.
- PI 575706 **origin:** Mexico. **pedigree:** SEL. DE VG-192 (Red). **other id:** ICSV-LM 89503. **remarks:** Tolerant to cercospora and gloeocercospora. Days to flower 102. Plant height 110 cm. Grain color white. Breeding Material. Seed.
- PI 575707 **origin:** Mexico. **pedigree:** {3018 MR4 (4671) x D-71020}-1. **other id:** ICSV-LM 89504. **remarks:** Days to flower 95. Plant height 135 cm. Grain color red. Breeding Material. Seed.
- PI 575708 **origin:** Mexico. **pedigree:** (SPV-475 x R-6956)-1. **other id:** ICSV-LM 89505. **remarks:** Tolerant to antracnosis. Days to flower 90. Plant height 145 cm. Grain color red. Breeding Material. Seed.

PI 575703 to 576014-continued

- PI 575709 **origin:** Mexico. **pedigree:** (SPV-475 x R-6956)-2. **other id:** ICSV-LM 89506. **remarks:** Tolerant to antracnosis and gloeocercospora. Days to flower 95. Plant height 160 cm. Grain color red. Breeding Material. Seed.
- PI 575710 **origin:** Mexico. **pedigree:** (SPV-475 x R-6956)-3. **other id:** ICSV-LM 89507. **remarks:** Tolerant to antracnosis. Days to flower 100. Plant height 170 cm. Grain color red. Breeding Material. Seed.
- PI 575711 **origin:** Mexico. **pedigree:** (SPV-475 x R-6956)-4. **other id:** ICSV-LM 89508. **remarks:** Tolerant to antracnosis. Days to flower 100. Plant height 175 cm. Grain color red. Breeding Material. Seed.
- PI 575712 **origin:** Mexico. **pedigree:** {(82C1185 BK)SC-170-6} x {(MR4-4671) x M-81730 BK}. **other id:** ICSV-LM 89509. **remarks:** Days to flower 103. Plant height 180 cm. Grain color red. Breeding Material. Seed.
- PI 575713 **origin:** Mexico. **pedigree:** SEL. DE VG-2 (White). **other id:** ICSV-LM 89510. **remarks:** Tolerant to antracnosis. Days to flower 97. Plant height 135 cm. Grain color red. Breeding Material. Seed.
- PI 575714 **origin:** Mexico. **pedigree:** SEL. DE VG-2 (Red). **other id:** ICSV-LM 89510. **remarks:** Tolerant to gloeocercospora and cercospora. Days to flower 97. Plant height 145 cm. Grain color white. Breeding Material. Seed.
- PI 575715 **origin:** Mexico. **pedigree:** (ISIAP DORADO x R-6956)-1. **other id:** ICSV-LM 89511. **remarks:** Tolerant to antracnosis and gloeocercospora. Days to flower 100. Plant height 110 cm. Grain color red. Breeding Material. Seed.
- PI 575716 **origin:** Mexico. **pedigree:** (ISIAP DORADO x R-6956)-2. **other id:** ICSV-LM 89512. **remarks:** Tolerant to gloeocercospora. Days to flower 96. Plant height 125 cm. Grain color red. Breeding Material. Seed.
- PI 575717 **origin:** Mexico. **pedigree:** (ISIAP DORADO x R-6956)-3. **other id:** ICSV-LM 89513. **remarks:** Tolerant to gloeocercospora. Days to flower 99. Plant height 130 cm. Grain color red. Breeding Material. Seed.
- PI 575718 **origin:** Mexico. **pedigree:** (3018 MR4 (4671) x D-71080)-2. **other id:** ICSV-LM 89514. **remarks:** Tolerant to cercospora. Days to flower 104. Plant height 135 cm. Grain color red. Breeding Material. Seed.

PI 575703 to 576014-continued

- PI 575719 **origin:** Mexico. **pedigree:** (3018 MR4 (4671) x D-71020-3. **other id:** ICSV-LM 89515. **remarks:** Tolerant to cercospora. Days to flower 102. Plant height 135 cm. Grain color red. Breeding Material. Seed.
- PI 575720 **origin:** Mexico. **pedigree:** {(NSA-935-6 x 77CS1) x M-90378} x R-6956}. **other id:** ICSV-LM 89516. **remarks:** Tolerant to antracnosis. Days to flower 105. Plant height 145 cm. Grain color red. Breeding Material. Seed.
- PI 575721 **origin:** Mexico. **pedigree:** (ISIAP DORADO x R-6956)-4. **other id:** ICSV-LM 89517. **remarks:** Tolerant to gloeocercospora. Days to flower 105. Plant height 145 cm. Grain color red. Breeding Material. Seed.
- PI 575722 **origin:** Mexico. **pedigree:** (SCP-83B LU 152). **other id:** ICSV-LM 89520. **remarks:** Tolerant to cercospora. Days to flower 103. Plant height 136 cm. Grain color white. Breeding Material. Seed.
- PI 575723 **origin:** Mexico. **pedigree:** {C-21x{(954063 x CS-3541)-3 x M-90378)} BK-1. **other id:** ICSV-LM 89522. **remarks:** Tolerant to cercospora and gloeocercospora. Days to flower 103. Plant height 120 cm. Grain color white. Breeding Material. Seed.
- PI 575724 **origin:** Mexico. **pedigree:** {C-21 x{(954063 x CS-3541)-3 x M-90378)} BK-1-2. **other id:** ICSV-LM 89523. **remarks:** Tolerant to cercospora and gloeocercospora. Days to flower 100. Plant height 133 cm. Grain color white. Breeding Material. Seed.
- PI 575725 **origin:** Mexico. **pedigree:** {C-21 x {(954063 x CS-3541)-3 x M-90378)} BK-2-(OP)-BK. **other id:** ICSV-LM 89524. **remarks:** Tolerant to cercospora and gloeocercospora. Days to flower 102. Plant height 125 cm. Grain color white. Breeding Material. Seed.
- PI 575726 **origin:** Mexico. **pedigree:** {C-21 x {(TX 954063 x CS 3541)-3xM-90378}-BK-9(OP)-4-BK. **other id:** ICSV-LM 89525. **remarks:** Tolerant to cercospora and gloeocercospora. Days to flower 108. Plant height 135 cm. Grain color white. Breeding Material. Seed.
- PI 575727 **origin:** Mexico. **pedigree:** {C-21 x {(TX 954063 x CS 3541)-3xM-90378}-BK-2-0-1-BK. **other id:** ICSV-LM 89526. **remarks:** Tolerant to cercospora and gloeocercospora. Days to flower 95. Plant height 142 cm. Grain color white. Breeding Material. Seed.

PI 575703 to 576014-continued

- PI 575728 **origin:** Mexico. **pedigree:** {C-21 x {(TX 954063 x CS 3541)-3xM-90378}-BK-12-0-8-BK. **other id:** ICSV-LM 89527. **remarks:** Tolerant to cercospora and gloeocercospora. Days to flower 101. Plant height 130 cm. Grain color white. Breeding Material. Seed.
- PI 575729 **origin:** Mexico. **pedigree:** {(NSA-935-6x77CS1)xM-90378}BK-2-1-2-7-(0)-10(OP)-BK. **other id:** ICSV-LM 89532. **remarks:** Tolerant to antracnosis. Days to flower 98. Plant height 125 cm. Grain color white. Breeding Material. Seed.
- PI 575730 **origin:** Mexico. **pedigree:** (LU-176xCS-3541 Crosses-31)BK-3-2-1-2-5 (OP)-BK. **other id:** ICSV-LM 89537. **remarks:** Tolerant to rust. Days to flower 104. Plant height 140 cm. Grain color white. Breeding Material. Seed.
- PI 575731 **origin:** Mexico. **pedigree:** (D-63225-3 x 782 BK) BK-12-1-BK. **other id:** ICSV-LM 89544. **remarks:** Tolerant to cercospora. Days to flower 97. Plant height 125 cm. Grain color white. Breeding Material. Seed.
- PI 575732 **origin:** Mexico. **pedigree:** (SAR-24 x M-90306)-BK-6-3-BK. **other id:** ICSV-LM 89545. **remarks:** Days to flower 95. Plant height 130 cm. Grain color white. Breeding Material. Seed.
- PI 575733 **origin:** Mexico. **pedigree:** (ICSV-LM 86530 x M-90378-2)BK-1-1-BK. **other id:** ICSV-LM 89546. **remarks:** Days to flower 90. Plant height 140 cm. Grain color white. Breeding Material. Seed.
- PI 575734 **origin:** Mexico. **pedigree:** {(GPR-148xE 35-1)-4-1x CS-3541 DERIV}-1-1. **other id:** ISIAP DORADO. **remarks:** Tolerant to cercospora and gloeocercospora. Days to flower 102. Plant height 110 cm. Grain color white. Breeding Material. Seed.
- PI 575735 **origin:** Mexico. **pedigree:** (M-90378 x R-4244)-BK-24-3-BK. **other id:** ICSV-LM 89548. **remarks:** Days to flower 95. Plant height 120 cm. Grain color red. Breeding Material. Seed.
- PI 575736 **origin:** Mexico. **pedigree:** (M-90378 x R-4244)-BK-44-3-BK. **other id:** ICSV-LM 89550. **remarks:** Tolerant to cercospora. Days to flower 96. Plant height 105 cm. Grain color red. Breeding Material. Seed.

PI 575703 to 576014-continued

- PI 575737 **origin:** Mexico. **pedigree:** (M-90378 x R-4244)-BK-57-2-BK. **other id:** ICSV-LM 89551. **remarks:** Days to flower 89. Plant height 120 cm. Grain color red. Breeding Material. Seed.
- PI 575738 **origin:** Mexico. **pedigree:** {PP-493x{(SEPON-78 BULKx)(TX 954052xCS-3541)471}x(77CS1xTX27. **other id:** ICSV-LM 89555. **remarks:** Tolerant to antracnosis and gloeocercospora. Days to flower 100. Plant height 125 cm. Grain color white. Breeding Material. Seed.
- PI 575739 **origin:** Mexico. **pedigree:** (ICSV-LM 86512 xM 82639-1) BK-45-3-BK. **other id:** ICSV-LM 89556. **remarks:** Tolerant to cercospora. Days to flower 112. Plant height 125 cm. Grain color white. Breeding Material. Seed.
- PI 575740 **origin:** Mexico. **pedigree:** (M-81981-1 x M-82639-1)-BK-28-1-BK. **other id:** ICSV-LM 89558. **remarks:** Days to flower 96. Plant height 130 cm. Grain color white. Breeding Material. Seed.
- PI 575741 **origin:** Mexico. **pedigree:** (ICSB 4x(IS 3443xIS 1259 C)2-1-2-1-1-3}-BK-2()-BK. **other id:** ICSV-LM 89559. **remarks:** Days to flower 95. Plant height 135 cm. Grain color red. Breeding Material. Seed.
- PI 575742 **origin:** Mexico. **pedigree:** (ICSV-LM 86532 x R-6956)BK-3-1-1-1-1-2-1-BK. **other id:** ICSV-LM 90501. **remarks:** Resistant to rust. Days to flower 109. Plant height 120 cm. Grain color red. Breeding Material. Seed.
- PI 575743 **origin:** Mexico. **pedigree:** (M-36285X77CS1)BK-5-1-2-2-3-1-BK. **other id:** ICSV-LM 90502. **remarks:** Tolerant to antracnosis. Days to flower 100. Plant height 120 cm. Grain color white. Breeding Material. Seed.
- PI 575744 **origin:** Mexico. **pedigree:** (M-35585 x CS 3541 Crosses-31)BK-5-2-2-3-1-1-1-BK. **other id:** ICSV-LM 90503. **remarks:** Tolerant to gloeocercospora. Days to flower 112. Plant height 145 cm. Grain color white. Breeding Material. Seed.
- PI 575745 **origin:** Mexico. **pedigree:** (M-35585 x CS 3541 Crosses-31)BK-5-2-3-1-2-1-4-BK. **other id:** ICSV-LM 90504. **remarks:** Tolerant to gloeocercospora. Days to flower 110. Plant height 145 cm. Grain color white. Breeding Material. Seed.

PI 575703 to 576014-continued

- PI 575746 **origin:** Mexico. **pedigree:** (M-35585 x CS 3541 Crosses-31)-BK-5-2-3-7-1-1-BK. **other id:** ICSV-LM 90505. **remarks:** Days to flower 104. Plant height 130 cm. Grain color white. Breeding Material. Seed.
- PI 575747 **origin:** Mexico. **pedigree:** {3018 MR (4761)x77CS1} bk-5-2-1-2-1-8-bk. **other id:** ICSV-LM 90506. **remarks:** Days to flower 104. Plant height 180 cm. Grain color yellow. Breeding Material. Seed.
- PI 575748 **origin:** Mexico. **pedigree:** {3018 MR (4761) x DM-83}bk-1-1-2-1-1-1-5-bk. **other id:** ICSV-LM 90507. **remarks:** Days to flower 97. Plant height 135 cm. Grain color yellow. Breeding Material. Seed.
- PI 575749 **origin:** Mexico. **pedigree:** (PP-290 x 852-2235) BK-46-3-1-BK. **other id:** ICSV-LM 90508. **remarks:** Tolerant to gloeocercospora. Days to flower 98. Plant height 110 cm. Grain color white. Breeding Material. Seed.
- PI 575750 **origin:** Mexico. **pedigree:** (M-90378 x R-4244)-BK-43-2-2-2-BULK. **other id:** ICSV-LM 90509. **remarks:** Tolerant to rust. Days to flower 93. Plant height 120 cm. Grain color red. Breeding Material. Seed.
- PI 575751 **origin:** Mexico. **pedigree:** (M-90378 x R-4244)-BK-57-2-1-2-BK. **other id:** ICSV-LM 90510. **remarks:** Tolerant to rust. Days to flower 105. Plant height 145 cm. Grain color white. Breeding Material. Seed.
- PI 575752 **origin:** Mexico. **pedigree:** (M-90812 x ICSV-LM 86526)bk-26-1-2. **other id:** ICSV-LM 90513. **remarks:** Tolerant to gloeocercospora. Days to flower 100. Plant height 80 cm. Grain color white. Breeding Material. Seed.
- PI 575753 **origin:** Mexico. **pedigree:** (ICSV-LM 86532 x R-6956)BK-3-1-1-1-1-2-6. **other id:** ICSV-LM 90514. **remarks:** Tolerant to antracnosis. Days to flower 93. Plant height 130 cm. Grain color red. Breeding Material. Seed.
- PI 575754 **origin:** Mexico. **pedigree:** (I.DORADO x (GPR-148xE-35-1)xCS-3541)BK-2-2-1-3-1-BK. **other id:** ICSV-LM 90520. **remarks:** Tolerant to gloeocercospora. Days to flower 97. Plant height 125 cm. Grain color white. Breeding Material. Seed.

PI 575703 to 576014-continued

- PI 575755 **origin:** Mexico. **pedigree:** (I.DORADO x ICSV-LM 86530)BK-6-1-2-1-3-3-4-5-BK. **other id:** ICSV-LM 90522. **remarks:** Tolerant to rust. Days to flower 101. Plant height 160 cm. Grain color white. Breeding Material. Seed.
- PI 575756 **origin:** Mexico. **pedigree:** (I.DORADO x ICSV-LM 86530)BK-6-1-3-1-4-1-2-5-BK. **other id:** ICSV-LM 90524. **remarks:** Tolerant to antracnosis. Days to flower 103. Plant height 130 cm. Grain color white. Breeding Material. Seed.
- PI 575757 **origin:** Mexico. **pedigree:** (LU-176-CS-3541 Crosses 31)BK-3-2-2-4-2-1-4-5-BK. **other id:** ICSV-LM 90526. **remarks:** Tolerant to gloeocercospora. Days to flower 92. Plant height 125 cm. Grain color red. Breeding Material. Seed.
- PI 575758 **origin:** Mexico. **pedigree:** (M-90378 x R-4244)BK-16-1-1-2-5-BK. **other id:** ICSV-LM 90533. **remarks:** Tolerant to rust. Days to flower 106. Plant height 105 cm. Grain color brown. Breeding Material. Seed.
- PI 575759 **origin:** Mexico. **pedigree:** (TAM-2566xM-62641)BK-3-1-1-4-2-4-2-5-BK. **other id:** ICSV-LM 90538. **remarks:** Tolerant to rust. Days to flower 101. Plant height 120 cm. Grain color red. Breeding Material. Seed.
- PI 575760 **origin:** Mexico. **pedigree:** {(TX-2754xB1338)13-1-1-2-bkxM-82639-1}BK-1-2-1-2-2-2-BK. **other id:** ICSV-LM 90541. **remarks:** Tolerant to cercospora and rust. Days to flower 96. Plant height 125 cm. Grain color red. Breeding Material. Seed.
- PI 575761 **origin:** Mexico. **pedigree:** ICSR-LM 88501 (VG-2). **other id:** ICSR-LM 88501. **remarks:** Tolerant to gloeocercospora. Days to flower 74. Plant height 100 cm. Grain color white. Breeding Material. Seed.
- PI 575762 **origin:** Mexico. **pedigree:** ICSR-LM 88502 (VG-20). **other id:** ICSR-LM 88502. **remarks:** Tolerant to gloeocercospora. Days to flower 76. Plant height 95 cm. Grain color white. Breeding Material. Seed.
- PI 575763 **origin:** Mexico. **pedigree:** ICSR-LM 88503 (VG-22). **other id:** ICSR-LM 88503. **remarks:** Tolerant to gloeocercospora. Days to flower 78. Plant height 100 cm. Grain color white. Breeding Material. Seed.

PI 575703 to 576014-continued

- PI 575764 **origin:** Mexico. **pedigree:** ICSR-LM 88504 (VG-24). **other id:** ICSR-LM 88504. **remarks:** Tolerant to gloeocercospora. Days to flower 78. Plant height 115 cm. Grain color brown. Breeding Material. Seed.
- PI 575765 **origin:** Mexico. **pedigree:** ICSR-LM 88506 (VG-30). **other id:** ICSR-LM 88506. **remarks:** Tolerant to gloeocercospora. Days to flower 77. Plant height 120 cm. Grain color white. Breeding Material. Seed.
- PI 575766 **origin:** Mexico. **pedigree:** ICSR-LM 88507 (VG-31). **other id:** ICSR-LM 88507. **remarks:** Tolerant to gloeocercospora. Days to flower 80. Plant height 120 cm. Grain color white. Breeding Material. Seed.
- PI 575767 **origin:** Mexico. **pedigree:** ICSR-LM 88509 (VG-44). **other id:** ICSR-LM 88509. **remarks:** Days to flower 76. Plant height 130 cm. Grain color red. Breeding Material. Seed.
- PI 575768 **origin:** Mexico. **pedigree:** ICSR-LM 88510 (VG 46). **other id:** ICSR-LM 88510. **remarks:** Tolerant to rust. Days to flower 78. Plant height 125 cm. Grain color red. Breeding Material. Seed.
- PI 575769 **origin:** Mexico. **pedigree:** ICSR-LM 88511 (VG 79). **other id:** ICSR-LM 88511. **remarks:** Tolerant to gloeocercospora. Days to flower 78. Plant height 120 cm. Grain color white. Breeding Material. Seed.
- PI 575770 **origin:** Mexico. **pedigree:** ICSR-LM 88514 (VG 160). **other id:** ICSR-LM 88514. **remarks:** Tolerant to gloeocercospora. Days to flower 76. Plant height 115 cm. Grain color brown. Breeding Material. Seed.
- PI 575771 **origin:** Mexico. **pedigree:** ICSR-LM 88515 (VG 162). **other id:** ICSR-LM 88515. **remarks:** Tolerant to gloeocercospora. Days to flower 74. Plant height 145 cm. Grain color white. Breeding Material. Seed.
- PI 575772 **origin:** Mexico. **pedigree:** ICSR-LM (VG 233). **other id:** ICSR-LM 88516. **remarks:** Tolerant to gloeocercospora. Days to flower 83. Plant height 115 cm. Grain color white. Breeding Material. Seed.
- PI 575773 **origin:** Mexico. **pedigree:** ICSR-LM (VG 328). **other id:** ICSR-LM 88519. **remarks:** Tolerant to acremonium. Days to flower 69. Plant height 140 cm. Grain color white. Breeding Material. Seed.

PI 575703 to 576014-continued

- PI 575774 **origin:** Mexico. **pedigree:** ICSR-LM (VG 353). **other id:** ICSR-LM 88520. **remarks:** Tolerant to gloeocercospora. Days to flower 76. Plant height 85 cm. Grain color white. Breeding Material. Seed.
- PI 575775 **origin:** Mexico. **pedigree:** ICSR-LM (VG 375). **other id:** ICSR-LM 88521. **remarks:** Tolerant to gloeocercospora. Days to flower 76. Plant height 120 cm. Grain color white. Breeding Material. Seed.
- PI 575776 **origin:** Mexico. **pedigree:** ICSR-LM (VG 405). **other id:** ICSR-LM 88522. **remarks:** Tolerant to gloeocercospora. Days to flower 76. Plant height 120 cm. Grain color white. Breeding Material. Seed.
- PI 575777 **origin:** Mexico. **pedigree:** ICSR-LM (VG 209). **other id:** ICSR-LM 88524. **remarks:** Tolerant to gloeocercospora. Days to flower 101. Plant height 90 cm. Grain color white. Breeding Material. Seed.
- PI 575778 **origin:** Mexico. **pedigree:** {(BTX-378 x CS 110-9)x(BTX-615)}-1-2-3-3-2-3-2-1-3-T2. **other id:** ICSB-LM 87502. **remarks:** Tolerant to cercospora. Days to flower 70. Plant height 140 cm. Grain color white. Breeding Material. Seed.
- PI 575779 **origin:** Mexico. **pedigree:** {(BTX-378 x CS 110-9)x(BTX-615)}-6-1-3-1-4-2-1-1-4-1-1C2. **other id:** ICSB-LM 87503. **remarks:** Tolerant to cercospora. Days to flower 68. Plant height 140 cm. Grain color white. Breeding Material. Seed.
- PI 575780 **origin:** Mexico. **pedigree:** (B2-TX-623)-3-2-1-1-2-4-1-3-1-2-1. **other id:** ICSB2-LM 87504. **remarks:** Days to flower 68. Plant height 150 cm. Grain color white. Breeding Material. Seed.
- PI 575781 **origin:** Mexico. **pedigree:** (B2 TX-623)-2-2-1-6-2-1-1-2-3-1. **other id:** ICSB2-LM 87505. **remarks:** Days to flower 69. Plant height 145 cm. Grain color white. Breeding Material. Seed.
- PI 575782 **origin:** Mexico. **pedigree:** (B2 TX-623)-2-1-3-6-2-1-1-2-3-1. **other id:** ICSB-LM 87506. **remarks:** Days to flower 69. Plant height 140 cm. Grain color white. Breeding Material. Seed.
- PI 575783 **origin:** Mexico. **pedigree:** (B2 8208)-1-1-1-1-2-2-1-3-2-C3. **other id:** ICSB-LM 87507. **remarks:** Days to flower 69. Plant height 165 cm. Grain color white. Breeding Material. Seed.

PI 575703 to 576014-continued

- PI 575784 **origin:** Mexico. **pedigree:** {(BTX-378 x SC-110-6-3-1-1)-2-3-4. **other id:** ICSB-LM 87509. **remarks:** Days to flower 60. Plant height 145 cm. Grain color red. Breeding Material. Seed.
- PI 575785 **origin:** Mexico. **pedigree:** (B3 78C 10296)-1-1-2-1-2-3-1-1-C4. **other id:** ICSB3-LM 87510. **remarks:** Days to flower 70. Plant height 145 cm. Grain color white. Breeding Material. Seed.
- PI 575786 **origin:** Mexico. **pedigree:** (BTX-378xSC 110-6-3-1-1)-2-3-4-2-3-7-3-1-1-1-1-3-3-1. **other id:** ICSB-LM 87511. **remarks:** Days to flower 63. Plant height 155 cm. Grain color red. Breeding Material. Seed.
- PI 575787 **origin:** Mexico. **pedigree:** {TP6Bx(BTX-378xSCO-110-9)xQL3}-12-1-1-1-1-3-3-3-C1. **other id:** ICSB-LM 87512. **remarks:** Days to flower 60. Plant height 130 cm. Grain color red. Breeding Material. Seed.
- PI 575788 **origin:** Mexico. **pedigree:** RS/R-20-682-5-1A. **other id:** 1696-B. **remarks:** Tolerant to rust. Days to flower 100. Plant height 100 cm. Grain color white. Breeding Material. Seed.
- PI 575789 **origin:** Mexico. **pedigree:** TX 430 x 77 CS1. **other id:** ICSB2-LM 90553. **remarks:** Tolerant to cercospora. Days to flower 100. Plant height 120 cm. Grain color yellow. Breeding Material. Seed.
- PI 575790 **origin:** Mexico. **pedigree:** ICSB-LM 87504 x B3. **other id:** ICSB2-LM 91501. **remarks:** Tolerant to cercospora. Days to flower 95. Plant height 145 cm. Grain color white. Breeding Material. Seed.
- PI 575791 **origin:** Mexico. **pedigree:** BTX-627 x B7. **other id:** ICSB1-LM 91502. **remarks:** Tolerant to gloeocercospora. Days to flower 90. Plant height 140 cm. Grain color red. Breeding Material. Seed.
- PI 575792 **origin:** Mexico. **pedigree:** ICSB-44 x B3. **other id:** ICSB1-LM 91503. **remarks:** Days to flower 92. Plant height 142 cm. Grain color white. Breeding Material. Seed.
- PI 575793 **origin:** Mexico. **pedigree:** ICSB-LM 87502 x B8. **other id:** ICSB1-LM 91504. **remarks:** Tolerant to cercospora. Days to flower 93. Plant height 135 cm. Grain color red. Breeding Material. Seed.

PI 575703 to 576014-continued

- PI 575794 **origin:** Mexico. **pedigree:** 8OCV 1188 bxx (SC 170-6-17 x MR 4-4671)xM-90378}bk-7-1-1-4-5. **other id:** ICSR-LM 90501. **remarks:** Tolerant to rust and cercospora. Days to flower 97. Plant height 95 cm. Grain color red. Breeding Material. Seed.
- PI 575795 **origin:** Mexico. **pedigree:** {ICSB-17x{(TX-430x77CS1)-1-1-5-1-1}BK-92-1-7. **other id:** ICSR-LM 90504. **remarks:** Tolerant to cercospora. Days to flower 92. Plant height 120 cm. Grain color white. Breeding Material. Seed.
- PI 575796 **origin:** Mexico. **pedigree:** (M-90812xICSV-LM 86526)BK-26-1-2. **other id:** ICSR-LM 90513. **remarks:** Tolerant to cercospora. Days to flower 93. Plant height 100 cm. Grain color red. Breeding Material. Seed.
- PI 575797 **origin:** Mexico. **pedigree:** (M-90812 x ICSV-LM 86526)-BK-26-1-6. **other id:** ICSR-LM 90514. **remarks:** Days to flower 91. Plant height 110 cm. Grain color red. Breeding Material. Seed.
- PI 575798 **origin:** Mexico. **pedigree:** (ISIAP DORADO x R-6956)BK-4-2-7. **other id:** ICSR-LM 90515. **remarks:** Days to flower 81. Plant height 115 cm. Grain color red. Breeding Material. Seed.
- PI 575799 **origin:** Mexico. **pedigree:** (ISIAP DORADO x R-6956)BK-4-2-10. **other id:** ICSR-LM 90516. **remarks:** Tolerant to gloeocercospora. Days to flower 81. Plant height 115 cm. Grain color red. Breeding Material. Seed.
- PI 575800 **origin:** Mexico. **pedigree:** (TX 430 x TAM 2566)-1-1-5-1-1. **other id:** ICSR-LM 92501. **remarks:** Days to flower 106. Plant height 85 cm. Grain color red. Breeding Material. Seed.
- PI 575801 **origin:** Mexico. **pedigree:** (CS 599-6x RTX-430)-2-6-2-BK-2-2-2. **other id:** ICSR-LM 92502. **remarks:** Days to flower 103. Plant height 85 cm. Grain color red. Breeding Material. Seed.
- PI 575802 **origin:** Mexico. **pedigree:** {SEPON-78 BULK x (TX-954062xCS 3541)-47-1}x(77CS1xTX-2735)-B. **other id:** ICSV-LM 86502. **remarks:** Tolerant to gloeocercospora. Days to flower 86. Plant height 154 cm. Grain color white. Breeding Material. Seed.

PI 575703 to 576014-continued

- PI 575803 **origin:** Mexico. **pedigree:** {M-90322 x M-90812)-BK-3-1-1-BK (ICSDTV-22). **other id:** ICSV-LM 86513. **remarks:** Tolerant to gloeocercospora. Days to flower 90. Plant height 131 cm. Grain color white. Breeding Material. Seed.
- PI 575804 **origin:** Mexico. **pedigree:** CS 3541 CROSSES-31. **other id:** ICSV-LM 86557. **remarks:** Tolerant to gloeocercospora and cercospora. Days to flower 91. Plant height 95 cm. Grain color white. Breeding Material. Seed.
- PI 575805 **origin:** Mexico. **pedigree:** ICSV-LM 87001. **other id:** ICSV-LM 87001 B2. Breeding Material. Seed.
- PI 575806 **origin:** Mexico. **pedigree:** ICSV-LM 87008. **other id:** ICSV-LM 87008 B2. Breeding Material. Seed.
- PI 575807 **origin:** Mexico. **pedigree:** ICSV-LM 87010. **other id:** (ICSV-LM 87010) B2. Breeding Material. Seed.
- PI 575808 **origin:** Mexico. **pedigree:** ICSV-LM 87012. **other id:** ICSV-LM 87012 B1. Breeding Material. Seed.
- PI 575809 **origin:** Mexico. **pedigree:** ICSV-LM 87013. **other id:** ICSV-LM 87013 B2. Breeding Material. Seed.
- PI 575810 **origin:** Mexico. **pedigree:** ICSV-LM 89003. **other id:** ICSV-LM 89003 B2. Breeding Material. Seed.
- PI 575811 **origin:** Mexico. **pedigree:** ICSV-LM 89014. **other id:** ICSV-LM 89014 B2. Breeding Material. Seed.
- PI 575812 **origin:** Mexico. **pedigree:** ICSV-LM 89022. **other id:** ICSV-LM 89023 B2. Breeding Material. Seed.
- PI 575813 **origin:** Mexico. **pedigree:** ICSV-LM 89064. **other id:** ICSV-LM 89064 B2. Breeding Material. Seed.
- PI 575814 **origin:** Mexico. **pedigree:** ICSV-LM 89107. **other id:** ICSV-LM 89107 B2. Breeding Material. Seed.
- PI 575815 **origin:** Mexico. **pedigree:** ICSV-LM 89112. **other id:** ICSV-LM 89112 B2. Breeding Material. Seed.
- PI 575816 **origin:** Mexico. **pedigree:** ICSV-LM 89121. **other id:** ICSV-LM 89121 B2. Breeding Material. Seed.
- PI 575817 **origin:** Mexico. **pedigree:** ICSV-LM 89125. **other id:** ICSV-LM 89125 B2. Breeding Material. Seed.
- PI 575818 **origin:** Mexico. **pedigree:** ICSV-LM 89131. **other id:** ICSV-LM 89131 B2. Breeding Material. Seed.

PI 575703 to 576014-continued

- PI 575819 **origin:** Mexico. **pedigree:** ICSV-LM 89136. **other id:** ICSV-LM 89136 B2. Breeding Material. Seed.
- PI 575820 **origin:** Mexico. **pedigree:** ICSV-LM 89139. **other id:** ICSV-LM 89139 B2. Breeding Material. Seed.
- PI 575821 **origin:** Mexico. **pedigree:** ICSV-LM 89170. **other id:** ICSV-LM 89170 B2. Breeding Material. Seed.
- PI 575822 **origin:** Mexico. **pedigree:** ICSV-LM 89177. **other id:** ICSV-LM 89177 B2. Breeding Material. Seed.
- PI 575823 **origin:** Mexico. **pedigree:** ICSV-LM 89042. **other id:** ICSV-LM 89042 B2. Breeding Material. Seed.
- PI 575824 **origin:** Mexico. **pedigree:** ICSV-LM 89085. **other id:** ICSV-LM 89085 B2. Breeding Material. Seed.
- PI 575825 **origin:** Mexico. **pedigree:** ICSV-LM 89157. **other id:** ICSV-LM 89157 B2. Breeding Material. Seed.
- PI 575826 **origin:** Mexico. **pedigree:** ICSV-LM 89175. **other id:** ICSV-LM 89175 B2. Breeding Material. Seed.
- PI 575827 **origin:** Mexico. **pedigree:** ICSV-LM 89003. **other id:** ICSV-LM 89003 B3. Breeding Material. Seed.
- PI 575828 **origin:** Mexico. **pedigree:** ICSV-LM 89014. **other id:** ICSV-LM 89014 B3. Breeding Material. Seed.
- PI 575829 **origin:** Mexico. **pedigree:** ICSV-LM 89023. **other id:** ICSV-LM 89023 B3. Breeding Material. Seed.
- PI 575830 **origin:** Mexico. **pedigree:** ICSV-LM 89042. **other id:** ICSV-LM 89042 B3. Breeding Material. Seed.
- PI 575831 **origin:** Mexico. **pedigree:** ICSV-LM 89064. **other id:** ICSV-LM 89064 B3. Breeding Material. Seed.
- PI 575832 **origin:** Mexico. **pedigree:** ICSV-LM 89085. **other id:** ICSV-LM 89085 B3. Breeding Material. Seed.
- PI 575833 **origin:** Mexico. **pedigree:** ICSV-LM 89107. **other id:** ICSV-LM 89107 B3. Breeding Material. Seed.
- PI 575834 **origin:** Mexico. **pedigree:** ICSV-LM 89112. **other id:** ICSV-LM 89112 B3. Breeding Material. Seed.
- PI 575835 **origin:** Mexico. **pedigree:** ICSV-LM 89131. **other id:** ICSV-LM 89131 B3. Breeding Material. Seed.

PI 575703 to 576014-continued

- PI 575836 **origin:** Mexico. **pedigree:** ICSV-LM 89136. **other id:** ICSV-LM 89136 B3. **Breeding Material.** Seed.
- PI 575837 **origin:** Mexico. **pedigree:** ICSV-LM 89139. **other id:** ICSV-LM 89139 B3. **Breeding Material.** Seed.
- PI 575838 **origin:** Mexico. **pedigree:** ICSV-LM 89170. **other id:** ICSV-LM 89170 B3. **Breeding Material.** Seed.
- PI 575839 **origin:** Mexico. **pedigree:** ICSV-LM 89175. **other id:** ICSV-LM 89175 B3. **Breeding Material.** Seed.
- PI 575840 **origin:** Mexico. **pedigree:** ICSV-LM 89177. **other id:** ICSV-LM 89177 B3. **Breeding Material.** Seed.
- PI 575841 **origin:** Mexico. **pedigree:** DWARF SEL FROM ICSV-LM 87071 (UNKNOWN). **other id:** ICSV-LM 90001. **remarks:** Days to flower 112. Plant height 147 cm. Grain color white. **Breeding Material.** Seed.
- PI 575842 **origin:** Mexico. **pedigree:** [76BT31 x (P74AS398xTEP579-1)]-bk-4-1-1-1-3-SBK. **other id:** ICSV-LM 90002. **remarks:** Days to flower 102. Plant height 115 cm. Grain color white. **Breeding Material.** Seed.
- PI 575843 **origin:** Mexico. **pedigree:** [76BT31 x (P74AS398 x TEP579-1)]bk-4-1-1-1-5-SBK. **other id:** ICSV-LM 90003. **remarks:** Days to flower 102. Plant height 145 cm. Grain color white. **Breeding Material.** Seed.
- PI 575844 **origin:** Mexico. **pedigree:** (76BT57-2)-bk-1-1-1-1-1-SBK. **other id:** ICSV-LM 90004. **remarks:** Days to flower 102. Plant height 120 cm. Grain color white. **Breeding Material.** Seed.
- PI 575845 **origin:** Mexico. **pedigree:** (76BT57-2 x 76BTP144)-bk-1-1-1-1-1-4. **other id:** ICSV-LM 90005. **remarks:** Days to flower 96. Plant height 167 cm. Grain color white. **Breeding Material.** Seed.
- PI 575846 **origin:** Mexico. **pedigree:** (76BT57-2x76BTP144)-bk-6-1-4-1-1-SBK. **other id:** ICSV-LM 90006. **remarks:** Days to flower 102. Plant height 125 cm. Grain color white. **Breeding Material.** Seed.
- PI 575847 **origin:** Mexico. **pedigree:** [(76BT57-2 x ET3498) X ICSV-LM 87010]-bk-1-2-2-SBK. **other id:** ICSV-LM 90007. **remarks:** Days to flower 100. Plant height 130 cm. Grain color white. **Breeding Material.** Seed.

PI 575703 to 576014-continued

- PI 575848 **origin:** Mexico. **pedigree:** [(76BT57-2 x ETS3498) x ICSV-LM 87013]-bk-3-3-1. **other id:** ICSV-LM 90008. **remarks:** Days to flower 102. Plant height 150 cm. Grain color brown. Breeding Material. Seed.
- PI 575849 **origin:** Mexico. **pedigree:** [(76BT57-2 x ETS3498) x ICSV-LM 87013)-bk-3-3-1-SBK. **other id:** ICSV-LM 90009. **remarks:** Days to flower 96. Plant height 123 cm. Grain color brown. Breeding Material. Seed.
- PI 575850 **origin:** Mexico. **pedigree:** [(76BTP15 x 76BT57-2) x 76 BTP 144]-bk-1-2-1-2-3. **other id:** ICSV-LM 90010. **remarks:** Days to flower 96. Plant height 165 cm. Grain color white. Breeding Material. Seed.
- PI 575851 **origin:** Mexico. **pedigree:** [(76BTP15 x 76BT57-2) x 76BTP144]-bk-1-2-1-2-3-SBK1. **other id:** ICSV-LM 90011. **remarks:** Days to flower 102. Plant height 150 cm. Grain color white. Breeding Material. Seed.
- PI 575852 **origin:** Mexico. **pedigree:** [(76BTP15 x 76BT57-2) x 76BTP144)-bk-1-2-1-2-3-SBK2. **other id:** ICSV-LM 90012. **remarks:** Days to flower 102. Plant height 160 cm. Grain color white. Breeding Material. Seed.
- PI 575853 **origin:** Mexico. **pedigree:** (76BTP27 x CyF9-3-10)-bk-3-1-1-1-2-SBK. **other id:** ICSV-LM 90013. **remarks:** Days to flower 102. Plant height 128 cm. Grain color white. Breeding Material. Seed.
- PI 575854 **origin:** Mexico. **pedigree:** [(76BTP49-1 x 76BT57-2) x 76BTP144)-bk-1-1-1-1-2-SBK. **other id:** ICSV-LM 90014. **remarks:** Days to flower 96. Plant height 148 cm. Grain color white. Breeding Material. Seed.
- PI 575855 **origin:** Mexico. **pedigree:** (76BTP96 x CyF9-3-10)-bk-3-1-2-2-5-SBK. **other id:** ICSV-LM 90015. **remarks:** Days to flower 94. Plant height 170 cm. Grain color white. Breeding Material. Seed.
- PI 575856 **origin:** Mexico. **pedigree:** (76BTP120 x MARCHUKE)-bk-1-1-1-7-2. **other id:** ICSV-LM 90016. **remarks:** Days to flower 102. Plant height 155 cm. Grain color white. Breeding Material. Seed.
- PI 575857 **origin:** Mexico. **pedigree:** (76BTP120 x MARCHUKE)-bk-1-2-2-1-3-SBK1. **other id:** ICSV-LM 90017. **remarks:** Days to flower 96. Plant height 80 cm. Grain color white. Breeding Material. Seed.

PI 575703 to 576014-continued

- PI 575858 **origin:** Mexico. **pedigree:** (76BTP120 x MARCHUKE)-bk-1-2-2-1-3-SBK2. **other id:** ICSV-LM 90018. **remarks:** Days to flower 96. Plant height 157 cm. Grain color white. Breeding Material. Seed.
- PI 575859 **origin:** Mexico. **pedigree:** (77BGM209 x ICSV-LM 87009)-bk-1-1-1-1-1. **other id:** ICSV-LM 90019. **remarks:** Days to flower 102. Plant height 137 cm. Grain color white. Breeding Material. Seed.
- PI 575860 **origin:** Mexico. **pedigree:** (77BGM209 x ICSV-LM 87009)-bk-1-1-1-1-3. **other id:** ICSV-LM 90020. **remarks:** Days to flower 100. Plant height 130 cm. Grain color white. Breeding Material. Seed.
- PI 575861 **origin:** Mexico. **pedigree:** (77BGM209 x ICSV-LM 87009)-bk-1-1-1-1-6. **other id:** ICSV-LM 90021. **remarks:** Days to flower 102. Plant height 140 cm. Grain color white. Breeding Material. Seed.
- PI 575862 **origin:** Mexico. **pedigree:** (BM-27 x MUTATION)-bk-05-2-1-(4 or SBK). **other id:** ICSV-LM 90022. **remarks:** Days to flower 96. Plant height 127 cm. Grain color brown. Breeding Material. Seed.
- PI 575863 **origin:** Mexico. **pedigree:** (BM-27 x MUTATION)-bk-05-3-1-SBK. **other id:** ICSV-LM 90023. **remarks:** Days to flower 100. Plant height 120 cm. Grain color white. Breeding Material. Seed.
- PI 575864 **origin:** Mexico. **pedigree:** (BM-27 x MUTATION)-bk-15-1-1-SBK. **other id:** ICSV-LM 90024. **remarks:** Days to flower 94. Plant height 147 cm. Grain color brown. Breeding Material. Seed.
- PI 575865 **origin:** Mexico. **pedigree:** (BM-27 x MUTATION)-bk-38-3-1-1. **other id:** ICSV-LM 90025. **remarks:** Days to flower 90. Plant height 100 cm. Grain color brown. Breeding Material. Seed.
- PI 575866 **origin:** Mexico. **pedigree:** (BM-27 x MUTATION)-bk-38-3-1-7. **other id:** ICSV-LM 90026. **remarks:** Days to flower 90. Plant height 105 cm. Grain color brown. Breeding Material. Seed.
- PI 575867 **origin:** Mexico. **pedigree:** (BM-27 x MUTATION)-bk-46-3-2-SBK. **other id:** ICSV-LM 90027. **remarks:** Days to flower 94. Plant height 125 cm. Grain color brown. Breeding Material. Seed.

PI 575703 to 576014-continued

- PI 575868 **origin:** Mexico. **pedigree:** (CS-3541 x 76BT44)-bk-1-1-1-3-1-SBK. **other id:** ICSV-LM 90028. **remarks:** Days to flower 94. Plant height 170 cm. Grain color white. Breeding Material. Seed.
- PI 575869 **origin:** Mexico. **pedigree:** (ESIP-77-11 x ICSV-LM 87008)-bk-3-1-1. **other id:** ICSV-LM 90029. **remarks:** Days to flower 102. Plant height 108 cm. Grain color white. Breeding Material. Seed.
- PI 575870 **origin:** Mexico. **pedigree:** (ESIP-77-11 x ICSV-LM 87008)-bk-3-1-1-SBK. **other id:** ICSV-LM 90030. **remarks:** Days to flower 102. Plant height 108 cm. Grain color white. Breeding Material. Seed.
- PI 575871 **origin:** Mexico. **pedigree:** (ESIP-77-11 x ICSV-LM 87008)-bk-3-1-6-SBK. **other id:** ICSV-LM 90031. **remarks:** Days to flower 102. Plant height 123 cm. Grain color white. Breeding Material. Seed.
- PI 575872 **origin:** Mexico. **pedigree:** (ETS3498 x 76BT44)-bk-30-1-2-SBK. **other id:** ICSV-LM 90032. **remarks:** Days to flower 96. Plant height 110 cm. Grain color white. Breeding Material. Seed.
- PI 575873 **origin:** Mexico. **pedigree:** (ETS3498 x 76BT44)-bk-33-4-1-SBK1. **other id:** ICSV-LM 90033. **remarks:** Days to flower 94. Plant height 133 cm. Grain color white. Breeding Material. Seed.
- PI 575874 **origin:** Mexico. **pedigree:** (ETS3498 x 76BT44)-bk-33-4-1-SBK2. **other id:** ICSV-LM 90034. **remarks:** Days to flower 90. Plant height 147 cm. Grain color white. Breeding Material. Seed.
- PI 575875 **origin:** Mexico. **pedigree:** (ETS3498 x 76BT44)-bk-38-1-1-SBK. **other id:** ICSV-LM 90035. **remarks:** Days to flower 102. Plant height 85 cm. Grain color white. Breeding Material. Seed.
- PI 575876 **origin:** Mexico. **pedigree:** (ETS3498 x 76BT44)-bk-65-1-1-SBK. **other id:** ICSV-LM 90036. **remarks:** Days to flower 102. Plant height 137 cm. Grain color white. Breeding Material. Seed.
- PI 575877 **origin:** Mexico. **pedigree:** (ETS3498 x 76BT44)-bk-72-3-2-2. **other id:** ICSV-LM 90037. **remarks:** Days to flower 100. Plant height 80 cm. Grain color white. Breeding Material. Seed.

PI 575703 to 576014-continued

- PI 575878 **origin:** Mexico. **pedigree:** (ETS3498 x 76BT44)-bk-72-3-2-SBK. **other id:** ICSV-LM 90038. **remarks:** Days to flower 102. Plant height 90 cm. Grain color white. Breeding Material. Seed.
- PI 575879 **origin:** Mexico. **pedigree:** (ETS3498 x MUTATION)-bk-16-1-1-SBK. **other id:** ICSV-LM 90039. **remarks:** Days to flower 94. Plant height 100 cm. Grain color white. Breeding Material. Seed.
- PI 575880 **origin:** Mexico. **pedigree:** (ETS3498 x MUTATION)-bk-22-1-1-3. **other id:** ICSV-LM 90040. **remarks:** Days to flower 100. Plant height 106 cm. Grain color white. Breeding Material. Seed.
- PI 575881 **origin:** Mexico. **pedigree:** (ETS3498 x MUTATION)-bk-22-1-1-SBK1. **other id:** ICSV-LM 90041. **remarks:** Days to flower 96. Plant height 130 cm. Grain color white. Breeding Material. Seed.
- PI 575882 **origin:** Mexico. **pedigree:** (ETS3498 x MUTATION)-bk-22-1-1-SBK2. **other id:** ICSV-LM 90042. **remarks:** Days to flower 97. Plant height 157 cm. Grain color white. Breeding Material. Seed.
- PI 575883 **origin:** Mexico. **pedigree:** (ETS3498 x MUTATION)-bk-26-3-1-SBK. **other id:** ICSV-LM 90043. **remarks:** Days to flower 90. Plant height 143 cm. Grain color white. Breeding Material. Seed.
- PI 575884 **origin:** Mexico. **pedigree:** (ICSV-LM 87001 x POP)-bk-1-1-1-1-4-SBK. **other id:** ICSV-LM 90044. **remarks:** Days to flower 94. Plant height 147 cm. Grain color white. Breeding Material. Seed.
- PI 575885 **origin:** Mexico. **pedigree:** (ICSV-LM 87003 x ICSV-LM 87008)-bk-09-1-SBK. **other id:** ICSV-LM 90045. **remarks:** Days to flower 96. Plant height 155 cm. Grain color white. Breeding Material. Seed.
- PI 575886 **origin:** Mexico. **pedigree:** (ICSV-LM 87003 x ICSV-LM 87005)-bk-25-1-SBK1. **other id:** ICSV-LM 90046. **remarks:** Days to flower 102. Plant height 145 cm. Grain color white. Breeding Material. Seed.
- PI 575887 **origin:** Mexico. **pedigree:** (ICSV-LM 87003 x ICSV-LM 87005)-bk-25-1-SBK2. **other id:** ICSV-LM 90047. **remarks:** Days to flower 96. Plant height 150 cm. Grain color white. Breeding Material. Seed.

PI 575703 to 576014-continued

- PI 575888 **origin:** Mexico. **pedigree:** (ICSV-LM 87003 x ICSV-LM 87008)-bk-30-1-3. **other id:** ICSV-LM 90048. **remarks:** Days to flower 96. Plant height 155 cm. Grain color white. Breeding Material. Seed.
- PI 575889 **origin:** Mexico. **pedigree:** (ICSV-LM 87003 x ICSV-LM 87008)-bk-30-1-SBK. **other id:** ICSV-LM 90049. **remarks:** Days to flower 96. Plant height 160 cm. Grain color white. Breeding Material. Seed.
- PI 575890 **origin:** Mexico. **pedigree:** (ICSV-LM 87003 x ICSV-LM 87008)-bk-36-2-1. **other id:** ICSV-LM 90050. **remarks:** Days to flower 102. Plant height 105 cm. Grain color white. Breeding Material. Seed.
- PI 575891 **origin:** Mexico. **pedigree:** (ICSV-LM 87003 x ICSV-LM 87008)-bk-36-2-SBK. **other id:** ICSV-LM 90051. **remarks:** Days to flower 100. Plant height 93 cm. Grain color white. Breeding Material. Seed.
- PI 575892 **origin:** Mexico. **pedigree:** (ICSV-LM 87005 x ICSV-LM 87003)-bk-29-4-3. **other id:** ICSV-LM 90052. **remarks:** Days to flower 102. Plant height 155 cm. Grain color white. Breeding Material. Seed.
- PI 575893 **origin:** Mexico. **pedigree:** (ICSV-LM 87005 x ICSV-LM 87003)-bk-29-4-SBK. **other id:** ICSV-LM 90053. **remarks:** Days to flower 96. Plant height 147 cm. Grain color white. Breeding Material. Seed.
- PI 575894 **origin:** Mexico. **pedigree:** (ICSV-LM 87005)-2-5-1-4-SBK. **other id:** ICSV-LM 90054. **remarks:** Days to flower 96. Plant height 125 cm. Grain color white. Breeding Material. Seed.
- PI 575895 **origin:** Mexico. **pedigree:** (ICSV-LM 87011 x 76BTP28)-bk-1-1-1-1. **other id:** ICSV-LM 90055. **remarks:** Days to flower 96. Plant height 115 cm. Grain color white. Breeding Material. Seed.
- PI 575896 **origin:** Mexico. **pedigree:** (ICSV-LM 87011 x 76BTP28)-bk-1-1-1-1-SBK. **other id:** ICSV-LM 90056. **remarks:** Days to flower 100. Plant height 125 cm. Grain color white. Breeding Material. Seed.
- PI 575897 **origin:** Mexico. **pedigree:** (ICSV-LM 87011 x 76BTP28)-bk-1-2-1-2. **other id:** ICSV-LM 90057. **remarks:** Days to flower 96. Plant height 135 cm. Grain color white. Breeding Material. Seed.

PI 575703 to 576014-continued

- PI 575898 **origin:** Mexico. **pedigree:** (ICSV-LM 87011 x 76BTP28)-bk-1-2-1-2-1. **other id:** ICSV-LM 90058. **remarks:** Days to flower 96. Plant height 130 cm. Grain color white. Breeding Material. Seed.
- PI 575899 **origin:** Mexico. **pedigree:** (ICSV-LM 87011 x 76BTP28)-bk-4-1-1-3-3-SBK. **other id:** ICSV-LM 90059. **remarks:** Days to flower 96. Plant height 92 cm. Grain color brown. Breeding Material. Seed.
- PI 575900 **origin:** Mexico. **pedigree:** (ICSV-LM 87011 x 76BTP28)-bk-5-1-1-1-SBK. **other id:** ICSV-LM 90060. **remarks:** Days to flower 94. Plant height 155 cm. Grain color white. Breeding Material. Seed.
- PI 575901 **origin:** Mexico. **pedigree:** (ICSV-LM 87011 x ICSV-LM 87002)-bk-5-1-1-4-1-SBK. **other id:** ICSV-LM 90061. **remarks:** Days to flower 96. Plant height 125 cm. Grain color white. Breeding Material. Seed.
- PI 575902 **origin:** Mexico. **pedigree:** (ICSV-LM 87011 x ICSV-LM 87002)-bk-5-1-2-1-SBK. **other id:** ICSV-LM 90062. **remarks:** Days to flower 96. Plant height 103 cm. Grain color white. Breeding Material. Seed.
- PI 575903 **origin:** Mexico. **pedigree:** [ICSV-LM 87011 x (P74AS383 x MXO-17-1)]-bk-1-1-1-1. **other id:** ICSV-LM 90063. **remarks:** Days to flower 94. Plant height 150 cm. Grain color white. Breeding Material. Seed.
- PI 575904 **origin:** Mexico. **pedigree:** (ICSV-LM 87014 x ICSV-LM 87003)-bk-11-1-1. **other id:** ICSV-LM 90064. **remarks:** Days to flower 96. Plant height 100 cm. Grain color white. Breeding Material. Seed.
- PI 575905 **origin:** Mexico. **pedigree:** (ICSV-LM 87014 x ICSV-LM 87003)-bk-11-1-8. **other id:** ICSV-LM 90065. **remarks:** Days to flower 100. Plant height 87 cm. Grain color white. Breeding Material. Seed.
- PI 575906 **origin:** Mexico. **pedigree:** (ICSV-LM 87014 x ICSV-LM 87003)-bk-11-1-SBK. **other id:** ICSV-LM 90066. **remarks:** Days to flower 100. Plant height 82 cm. Grain color white. Breeding Material. Seed.
- PI 575907 **origin:** Mexico. **pedigree:** (IKINYARUKA x ICSV-LM 87013)-bk-12-1-1-1. **other id:** ICSV-LM 90067. **remarks:** Days to flower 90. Plant height 125 cm. Grain color brown. Breeding Material. Seed.

PI 575703 to 576014-continued

- PI 575908 **origin:** Mexico. **pedigree:** (IKINYARUKA x ICSV-LM 87013)-bk-27-1-2-5. **other id:** ICSV-LM 90068. **remarks:** Days to flower 102. Plant height 84 cm. Grain color brown. Breeding Material. Seed.
- PI 575909 **origin:** Mexico. **pedigree:** (IKINYARUKA x ICSV-LM 87013)-bk-27-1-2-SBK. **other id:** ICSV-LM 90069. **remarks:** Days to flower 102. Plant height 77 cm. Grain color brown. Breeding Material. Seed.
- PI 575910 **origin:** Mexico. **pedigree:** (IKINYARUKA x ICSV-LM 87013)-bk-28-1-3-SBK. **other id:** ICSV-LM 90070. **remarks:** Days to flower 90. Plant height 153 cm. Grain color brown. Breeding Material. Seed.
- PI 575911 **origin:** Mexico. **pedigree:** (IS.12664C x BJI8-1)-bk-5-1-5-3-1-SBK. **other id:** ICSV-LM 90071. **remarks:** Days to flower 94. Plant height 153 cm. Grain color brown. Breeding Material. Seed.
- PI 575912 **origin:** Mexico. **pedigree:** (ISIAP DORADO O.P)-bk-30-3-2-SBK. **other id:** ICSV-LM 90072. **remarks:** Days to flower 110. Plant height 117 cm. Grain color white. Breeding Material. Seed.
- PI 575913 **origin:** Mexico. **pedigree:** (ISIAP DORADO O.P)-bk-70-3-3-2. **other id:** ICSV-LM 90073. **remarks:** Days to flower 194. Plant height 133 cm. Grain color white. Breeding Material. Seed.
- PI 575914 **origin:** Mexico. **pedigree:** (ISAIP DORADO O.P)-bk-70-3-3-4. **other id:** ICSV-LM 90074. **remarks:** Days to flower 94. Plant height 135 cm. Grain color white. Breeding Material. Seed.
- PI 575915 **origin:** Mexico. **pedigree:** (ISIAP DORADO x ICSV-LM 87008)-bk-011-1-1-SBK. **other id:** ICSV-LM 90075. **remarks:** Days to flower 94. Plant height 115 cm. Grain color white. Breeding Material. Seed.
- PI 575916 **origin:** Mexico. **pedigree:** (ISIAP DORADO x ICSV-LM 87008)-bk-012-7-1-(1 or SBK). **other id:** ICSV-LM 90076. **remarks:** Days to flower 102. Plant height 110 cm. Grain color white. Breeding Material. Seed.
- PI 575917 **origin:** Mexico. **pedigree:** (ISIAP DORADO x ICSV-LM 87008)-bk-030-4-1-SBK. **other id:** ICSV-LM 90077. **remarks:** Days to flower 102. Plant height 135 cm. Grain color white. Breeding Material. Seed.

PI 575703 to 576014-continued

- PI 575918 **origin:** Mexico. **pedigree:** (ISIAP DORADO x ICSV-LM 87008)-bk-030-5-2-SBK. **other id:** ICSV-LM 90078. **remarks:** Days to flower 102. Plant height 155 cm. Grain color white. Breeding Material. Seed.
- PI 575919 **origin:** Mexico. **pedigree:** (ISIAP DORADO x ICSV-LM 87008)-bk-039-1-3-SBK. **other id:** ICSV-LM 90079. **remarks:** Days to flower 96. Plant height 105 cm. Grain color white. Breeding Material. Seed.
- PI 575920 **origin:** Mexico. **pedigree:** (ISIAP DORADO x ICSV-LM 87008)-bk-040-1-1-1. **other id:** ICSV-LM 90080. **remarks:** Days to flower 96. Plant height 142 cm. Grain color white. Breeding Material. Seed.
- PI 575921 **origin:** Mexico. **pedigree:** (ISAIP DORADO x ICSV-LM 87008)-bk-041-2-1-SBK. **other id:** ICSV-LM 90081. **remarks:** Days to flower 94. Plant height 110 cm. Grain color white. Breeding Material. Seed.
- PI 575922 **origin:** Mexico. **pedigree:** (ISIAP DORADO x ICSV-LM 87008)-bk-062-2-1-SBK. **other id:** ICSV-LM 90082. **remarks:** Days to flower 94. Plant height 155 cm. Grain color white. Breeding Material. Seed.
- PI 575923 **origin:** Mexico. **pedigree:** (ISIAP DORADO x ICSV-LM 87008)-bk-074-2-3-SBK. **other id:** ICSV-LM 90083. **remarks:** Days to flower 94. Plant height 120 cm. Grain color white. Breeding Material. Seed.
- PI 575924 **origin:** Mexico. **pedigree:** (ISIAP DORADO x ICSV-LM 87008)-bk-086-6-1-SBK. **other id:** ICSV-LM 90084. **remarks:** Days to flower 96. Plant height 130 cm. Grain color white. Breeding Material. Seed.
- PI 575925 **origin:** Mexico. **pedigree:** (ISIAP DORADO x ICSV-LM 87008)-bk-088-2-2-SBK. **other id:** ICSV-LM 90085. **remarks:** Days to flower 96. Plant height 105 cm. Grain color white. Breeding Material. Seed.
- PI 575926 **origin:** Mexico. **pedigree:** (ISAIP DORADO x ICSV-LM 87008)-bk-089-1-2-1. **other id:** ICSV-LM 90086. **remarks:** Days to flower 102. Plant height 105 cm. Grain color white. Breeding Material. Seed.
- PI 575927 **origin:** Mexico. **pedigree:** (ISIAP DORADO x ICSV-LM 87008)-bk-089-1-2-SBK. **other id:** ICSV-LM 90087. **remarks:** Days to flower 100. Plant height 90 cm. Grain color white. Breeding Material. Seed.

PI 575703 to 576014-continued

- PI 575928 **origin:** Mexico. **pedigree:** (ISIAP DORADO x ICSV-LM 87008)-bk-094-7-2-SBK. **other id:** ICSV-LM 90088. **remarks:** Days to flower 96. Plant height 102 cm. Grain color white. Breeding Material. Seed.
- PI 575929 **origin:** Mexico. **pedigree:** (ISIAP DORADO x ICSV-LM 87008)-bk-096-6-1-2. **other id:** ICSV-LM 90089. **remarks:** Days to flower 102. Plant height 163 cm. Grain color white. Breeding Material. Seed.
- PI 575930 **origin:** Mexico. **pedigree:** (ISIAP DORADO x ICSV-LM 87008)-bk-096-6-1-SBK. **other id:** ICSV-LM 90090. **remarks:** Days to flower 96. Plant height 144 cm. Grain color white. Breeding Material. Seed.
- PI 575931 **origin:** Mexico. **pedigree:** (ISIAP DORADO x ICSV-LM 87008)-bk-143-1-1-SBK. **other id:** ICSV-LM 90091. **remarks:** Days to flower 94. Plant height 115 cm. Grain color white. Breeding Material. Seed.
- PI 575932 **origin:** Mexico. **pedigree:** (ISIAP DORADO x ICSV-LM 87008)-bk-151-1-3-SBK. **other id:** ICSV-LM 90092. **remarks:** Days to flower 94. Plant height 123 cm. Grain color white. Breeding Material. Seed.
- PI 575933 **origin:** Mexico. **pedigree:** (ISIAP DORADO x ICSV-LM 87008)-bk-163-1-1-SBK. **other id:** ICSV-LM 90093. **remarks:** Days to flower 94. Plant height 123 cm. Grain color white. Breeding Material. Seed.
- PI 575934 **origin:** Mexico. **pedigree:** (ISIAP DORADO x ICSV-LM 87008)-bk-179-2-2-SBK. **other id:** ICSV-LM 90094. **remarks:** Days to flower 102. Plant height 80 cm. Grain color white. Breeding Material. Seed.
- PI 575935 **origin:** Mexico. **pedigree:** (ISIAP DORADO x ICSV-LM 87008)-bk-185-3-2-SBK. **other id:** ICSV-LM 90095. **remarks:** Days to flower 94. Plant height 103 cm. Grain color white. Breeding Material. Seed.
- PI 575936 **origin:** Mexico. **pedigree:** (ISIAP DORADO x ICSV-LM 87008)-bk-188-5-2-6. **other id:** ICSV-LM 90096. **remarks:** Days to flower 90. Plant height 100 cm. Grain color white. Breeding Material. Seed.
- PI 575937 **origin:** Mexico. **pedigree:** (ISIAP DORADO x ICSV-LM 87008)-bk-188-5-2-SBK. **other id:** ICSV-LM 90097. **remarks:** Days to flower 94. Plant height 102 cm. Grain color white. Breeding Material. Seed.

PI 575703 to 576014-continued

- PI 575938 **origin:** Mexico. **pedigree:** (ISIAP DORADO x ICSV-LM 87013)-bk-010-1-1-4-2. **other id:** ICSV-LM 90098. **remarks:** Days to flower 100. Plant height 200 cm. Grain color white. Breeding Material. Seed.
- PI 575939 **origin:** Mexico. **pedigree:** (ISIAP DORADO x ICSV-LM 87013)-bk-010-1-2-2-4. **other id:** ICSV-LM 90099. **remarks:** Days to flower 96. Plant height 130 cm. Grain color brown. Breeding Material. Seed.
- PI 575940 **origin:** Mexico. **pedigree:** (ISIAP DORADO x ICSV-LM 87013)-bk-010-1-3-1-SBK. **other id:** ICSV-LM 90100. **remarks:** Days to flower 96. Plant height 165 cm. Grain color white. Breeding Material. Seed.
- PI 575941 **origin:** Mexico. **pedigree:** (ISIAP DORADO x ICSV-LM 87013)-bk-108-1-1-1. **other id:** ICSV-LM 90101. **remarks:** Days to flower 90. Plant height 100 cm. Grain color brown. Breeding Material. Seed.
- PI 575942 **origin:** Mexico. **pedigree:** (ISIAP DORADO x ICSV-LM 87013)-bk-135-1-4-SBK. **other id:** ICSV-LM 90102. **remarks:** Days to flower 94. Plant height 140 cm. Grain color brown. Breeding Material. Seed.
- PI 575943 **origin:** Mexico. **pedigree:** (LARGE SEED x ICSV-LM 87013)-bk-1-1-1-SBK. **other id:** ICSV-LM 90103. **remarks:** Days to flower 102. Plant height 100 cm. Grain color white. Breeding Material. Seed.
- PI 575944 **origin:** Mexico. **pedigree:** (M-90812 x ICSV-LM 87013)-bk-11-3-SBK. **other id:** ICSV-LM 90104. **remarks:** Days to flower 102. Plant height 95 cm. Grain color white. Breeding Material. Seed.
- PI 575945 **origin:** Mexico. **pedigree:** (MABERE x 76BTP28)-bk-1-1-1-2-SBK. **other id:** ICSV-LM 90105. **remarks:** Days to flower 96. Plant height 170 cm. Grain color brown. Breeding Material. Seed.
- PI 575946 **origin:** Mexico. **pedigree:** (MABERE x 76BTP28)-bk-3-1-1-1-2-SBK. **other id:** ICSV-LM 90106. **remarks:** Days to flower 106. Plant height 115 cm. Grain color brown. Breeding Material. Seed.
- PI 575947 **origin:** Mexico. **pedigree:** (MABERE x 76BTP28)-bk-3-1-1-3-4-SBK. **other id:** ICSV-LM 90107. **remarks:** Days to flower 90. Plant height 123 cm. Grain color brown. Breeding Material. Seed.

PI 575703 to 576014-continued

- PI 575948 **origin:** Mexico. **pedigree:** (MABERE x 76BTP28)-bk-3-1-3-1-1-SBK. **other id:** ICSV-LM 90108. **remarks:** Days to flower 100. Plant height 85 cm. Grain color brown. Breeding Material. Seed.
- PI 575949 **origin:** Mexico. **pedigree:** (MABERE x 76BTP28)-bk-3-1-3-1-3-SBK. **other id:** ICSV-LM 90109. **remarks:** Days to flower 100. Plant height 90 cm. Grain color brown. Breeding Material. Seed.
- PI 575950 **origin:** Mexico. **pedigree:** (MABERE x ICSV-LM 87005)-bk-046-4-4-SBK. **other id:** ICSV-LM 90110. **remarks:** Days to flower 102. Plant height 155 cm. Grain color brown. Breeding Material. Seed.
- PI 575951 **origin:** Mexico. **pedigree:** (MABERE x ICSV-LM 87005)-bk-067-1-1-SBK. **other id:** ICSV-LM 90111. **remarks:** Days to flower 102. Plant height 115 cm. Grain color brown. Breeding Material. Seed.
- PI 575952 **origin:** Mexico. **pedigree:** (MABERE x ICSV-LM 87005)-bk-069-1-1-2-SBK. **other id:** ICSV-LM 90112. **remarks:** Days to flower 102. Plant height 108 cm. Grain color brown. Breeding Material. Seed.
- PI 575953 **origin:** Mexico. **pedigree:** (MABERE x ICSV-LM 87005)-bk-075-1-1-SBK. **other id:** ICSV-LM 90113. **remarks:** Days to flower 102. Plant height 135 cm. Grain color brown. Breeding Material. Seed.
- PI 575954 **origin:** Mexico. **pedigree:** (MABERE x ICSV-LM 87005)-bk-076-1-7. **other id:** ICSV-LM 90114. **remarks:** Days to flower 102. Plant height 110 cm. Grain color brown. Breeding Material. Seed.
- PI 575955 **origin:** Mexico. **pedigree:** (MABERE x ICSV-LM 87005)-bk-076-1-7-1. **other id:** ICSV-LM 90115. **remarks:** Days to flower 102. Plant height 133 cm. Grain color brown. Breeding Material. Seed.
- PI 575956 **origin:** Mexico. **pedigree:** (MABERE x ICSV-LM 87005)-bk-080-1-1-5. **other id:** ICSV-LM 90116. **remarks:** Days to flower 90. Plant height 123 cm. Grain color white. Breeding Material. Seed.
- PI 575957 **origin:** Mexico. **pedigree:** (MABERE x ICSV-LM 87005)-bk-080-1-1-SBK. **other id:** ICSV-LM 90117. **remarks:** Days to flower 90. Plant height 126 cm. Grain color white. Breeding Material. Seed.

PI 575703 to 576014-continued

- PI 575958 **origin:** Mexico. **pedigree:** (MABERE x ICSV-LM 87005)-bk-080-2-1-8. **other id:** ICSV-LM 90118. **remarks:** Days to flower 100. Plant height 135 cm. Grain color brown. Breeding Material. Seed.
- PI 575959 **origin:** Mexico. **pedigree:** (MABERE x ICSV-LM 87005)-bk-080-2-1-SBK. **other id:** ICSV-LM 90119. **remarks:** Days to flower 102. Plant height 135 cm. Grain color brown. Breeding Material. Seed.
- PI 575960 **origin:** Mexico. **pedigree:** (MABERE x ICSV-LM 87005)-bk-158-3-1-2. **other id:** ICSV-LM 90120. **remarks:** Days to flower 96. Plant height 100 cm. Grain color brown. Breeding Material. Seed.
- PI 575961 **origin:** Mexico. **pedigree:** (MABERE x ICSV-LM 87005)-bk-195-1-1-2. **other id:** ICSV-LM 90121. **remarks:** Days to flower 102. Plant height 140 cm. Grain color brown. Breeding Material. Seed.
- PI 575962 **origin:** Mexico. **pedigree:** (MABERE x ICSV-LM 87005)-bk-195-1-1-SBK. **other id:** ICSV-LM 90122. **remarks:** Days to flower 102. Plant height 134 cm. Grain color brown. Breeding Material. Seed.
- PI 575963 **origin:** Mexico. **pedigree:** (MABERE x ICSV-LM 87005)-bk-201-1-2-SBK. **other id:** ICSV-LM 90123. **remarks:** Days to flower 96. Plant height 133 cm. Grain color brown. Breeding Material. Seed.
- PI 575964 **origin:** Mexico. **pedigree:** (MABERE-6 x ICSV-LM 87002)-bk-4-1-1-10. **other id:** ICSV-LM 90124. **remarks:** Days to flower 94. Plant height 113 cm. Grain color brown. Breeding Material. Seed.
- PI 575965 **origin:** Mexico. **pedigree:** (MABERE-6 x ICSV-LM 87002)-bk-4-2-3-1. **other id:** ICSV-LM 90125. **remarks:** Days to flower 90. Plant height 130 cm. Grain color brown. Breeding Material. Seed.
- PI 575966 **origin:** Mexico. **pedigree:** (MAGUNE x 76BTP28)-bk-1-2-1-2-SBK. **other id:** ICSV-LM 90126. **remarks:** Days to flower 96. Plant height 155 cm. Grain color white. Breeding Material. Seed.
- PI 575967 **origin:** Mexico. **pedigree:** (MAGUNE x 76BTP28)-bk-1-3-1-1-SBK. **other id:** ICSV-LM 90127. **remarks:** Days to flower 90. Plant height 155 cm. Grain color white. Breeding Material. Seed.

PI 575703 to 576014-continued

- PI 575968 **origin:** Mexico. **pedigree:** (MAGUNE x 76BTP28)-bk-2-1-2-2-SBK. **other id:** ICSV-LM 90128. **remarks:** Days to flower 94. Plant height 145 cm. Grain color brown. Breeding Material. Seed.
- PI 575969 **origin:** Mexico. **pedigree:** (MAGUNE x ICSV-LM 87005)-bk-07-2-1-SBK. **other id:** ICSV-LM 90129. **remarks:** Days to flower 90. Plant height 98 cm. Grain color brown. Breeding Material. Seed.
- PI 575970 **origin:** Mexico. **pedigree:** (MAGUNE x ICSV-LM 87005)-bk-10-2-1-SBK. **other id:** ICSV-LM 90130. **remarks:** Days to flower 96. Plant height 140 cm. Grain color white. Breeding Material. Seed.
- PI 575971 **origin:** Mexico. **pedigree:** (MAGUNE x ICSV-LM 87005)-bk-11-2-3-SBK. **other id:** ICSV-LM 90131. **remarks:** Days to flower 96. Plant height 110 cm. Grain color white. Breeding Material. Seed.
- PI 575972 **origin:** Mexico. **pedigree:** (MAGUNE x ICSV-LM 87005)-bk-11-2-5-SBK. **other id:** ICSV-LM 90132. **remarks:** Days to flower 90. Plant height 105 cm. Grain color brown. Breeding Material. Seed.
- PI 575973 **origin:** Mexico. **pedigree:** (MAGUNE x ICSV-LM 87005)-bk-21-3-4-SBK. **other id:** ICSV-LM 90133. **remarks:** Days to flower 102. Plant height 150 cm. Grain color white. Breeding Material. Seed.
- PI 575974 **origin:** Mexico. **pedigree:** (MAGUNE x ICSV-LM 87005)-bk-83-1-3-1. **other id:** ICSV-LM 90134. **remarks:** Days to flower 102. Plant height 143 cm. Grain color brown. Breeding Material. Seed.
- PI 575975 **origin:** Mexico. **pedigree:** (MAGUNE x ICSV-LM 87005)-bk-83-1-3-SBK. **other id:** ICSV-LM 90135. **remarks:** Days to flower 102. Plant height 113 cm. Grain color brown. Breeding Material. Seed.
- PI 575976 **origin:** Mexico. **pedigree:** (MAGUNE x ICSV-LM 87009)-bk-05-2-1-SBK-1. **other id:** ICSV-LM 90136. **remarks:** Days to flower 90. Plant height 135 cm. Grain color brown. Breeding Material. Seed.
- PI 575977 **origin:** Mexico. **pedigree:** (MAGUNE x ICSV-LM 87009)-bk-05-2-1-SBK2. **other id:** ICSV-LM 90137. **remarks:** Days to flower 90. Plant height 127 cm. Grain color brown. Breeding Material. Seed.

PI 575703 to 576014-continued

- PI 575978 **origin:** Mexico. **pedigree:** (MAGUNE x ICSV-LM 87009)-bk-06-1-1-SBK. **other id:** ICSV-LM 90138. **remarks:** Days to flower 90. Plant height 100 cm. Grain color white. Breeding Material. Seed.
- PI 575979 **origin:** Mexico. **pedigree:** (MAGUNE x ICSV-LM 87009)-bk-06-1-4-SBK1. **other id:** ICSV-LM 90139. **remarks:** Days to flower 90. Plant height 103 cm. Grain color brown. Breeding Material. Seed.
- PI 575980 **origin:** Mexico. **pedigree:** (MAGUNE x ICSV-LM 87009)-bk-06-1-4-SBK2. **other id:** ICSV-LM 90140. **remarks:** Days to flower 90. Plant height 100 cm. Grain color brown. Breeding Material. Seed.
- PI 575981 **origin:** Mexico. **pedigree:** (MAGUNE x ICSV-LM 87009)-bk-33-1-2-SBK. **other id:** ICSV-LM 90141. **remarks:** Days to flower 90. Plant height 130 cm. Grain color white. Breeding Material. Seed.
- PI 575982 **origin:** Mexico. **pedigree:** (MAGUNE x ICSV-LM 87009)-bk-49-1-2-3. **other id:** ICSV-LM 90142. **remarks:** Days to flower 90. Plant height 120 cm. Grain color white. Breeding Material. Seed.
- PI 575983 **origin:** Mexico. **pedigree:** (MAGUNE x ICSV-LM 87009)-bk-49-1-2-SBK. **other id:** ICSV-LM 90143. **remarks:** Days to flower 90. Plant height 125 cm. Grain color white. Breeding Material. Seed.
- PI 575984 **origin:** Mexico. **pedigree:** (MAGUNE x ICSV-LM 87009)-bk-51-1-1-SBK. **other id:** ICSV-LM 90144. **remarks:** Days to flower 90. Plant height 100 cm. Grain color brown. Breeding Material. Seed.
- PI 575985 **origin:** Mexico. **pedigree:** (NYUNDO x ICSV-LM 87009)-bk-05-1-2-1. **other id:** ICSV-LM 90145. **remarks:** Days to flower 96. Plant height 104 cm. Grain color white. Breeding Material. Seed.
- PI 575986 **origin:** Mexico. **pedigree:** (NYUNDO x ICSV-LM 87009)-bk-05-1-2-SBK. **other id:** ICSV-LM 90146. **remarks:** Days to flower 94. Plant height 112 cm. Grain color white. Breeding Material. Seed.
- PI 575987 **origin:** Mexico. **pedigree:** (NYUNDO x ICSV-LM 87009)-bk-09-2-1-SBK1. **other id:** ICSV-LM 90147. **remarks:** Days to flower 90. Plant height 158 cm. Grain color brown. Breeding Material. Seed.

PI 575703 to 576014-continued

- PI 575988 **origin:** Mexico. **pedigree:** (NYUNDO x ICSV-LM 87009)-bk-09-2-1-SBK2. **other id:** ICSV-LM 90148. **remarks:** Days to flower 90. Plant height 150 cm. Grain color brown. Breeding Material. Seed.
- PI 575989 **origin:** Mexico. **pedigree:** (NYUNDO x ICSV-LM 87009)-bk-16-1-2-SBK. **other id:** ICSV-LM 90149. **remarks:** Days to flower 94. Plant height 138 cm. Grain color brown. Breeding Material. Seed.
- PI 575990 **origin:** Mexico. **pedigree:** (NYUNDO x ICSV-LM 87009)-bk-18-1-2-SBK. **other id:** ICSV-LM 90150. **remarks:** Days to flower 90. Plant height 125 cm. Grain color brown. Breeding Material. Seed.
- PI 575991 **origin:** Mexico. **pedigree:** (NYUNDO x ICSV-LM 87009)-bk-55-1-1-SBK. **other id:** ICSV-LM 90151. **remarks:** Days to flower 102. Plant height 130 cm. Grain color white. Breeding Material. Seed.
- PI 575992 **origin:** Mexico. **pedigree:** (NYUNDO x ICSV-LM 87009)-bk-72-2-1-SBK. **other id:** ICSV-LM 90152. **remarks:** Days to flower 90. Plant height 113 cm. Grain color brown. Breeding Material. Seed.
- PI 575993 **origin:** Mexico. **pedigree:** (NYUNDO x ICSV-LM 87009)-bk-74-1-1-SBK. **other id:** ICSV-LM 90153. **remarks:** Days to flower 90. Plant height 133 cm. Grain color brown. Breeding Material. Seed.
- PI 575994 **origin:** Mexico. **pedigree:** (NYUNDO x ICSV-LM 87014)-bk-11-1-3-SBK. **other id:** ICSV-LM 90154. **remarks:** Days to flower 90. Plant height 110 cm. Grain color brown. Breeding Material. Seed.
- PI 575995 **origin:** Mexico. **pedigree:** (NYUNDO x ICSV-LM 87014)-bk-18-2-1-SBK1. **other id:** ICSV-LM 90155. **remarks:** Days to flower 90. Plant height 115 cm. Grain color red. Breeding Material. Seed.
- PI 575996 **origin:** Mexico. **pedigree:** (NYUNDO x ICSV-LM 87014)-bk-18-2-1-SBK2. **other id:** ICSV-LM 90156. **remarks:** Days to flower 96. Plant height 125 cm. Grain color red. Breeding Material. Seed.
- PI 575997 **origin:** Mexico. **pedigree:** (NYUNDO x ICSV-LM 87014)-bk-18-2-3-6. **other id:** ICSV-LM 90157. **remarks:** Days to flower 90. Plant height 120 cm. Grain color brown. Breeding Material. Seed.

PI 575703 to 576014-continued

- PI 575998 **origin:** Mexico. **pedigree:** (NYUNDO x ICSV-LM 87014)-bk-18-3-2-SBK1. **other id:** ICSV-LM 90158. **remarks:** Days to flower 90. Plant height 110 cm. Grain color brown. Breeding Material. Seed.
- PI 575999 **origin:** Mexico. **pedigree:** (NYUNDO x ICSV-LM 87014)-bk-18-3-2-SBK2. **other id:** ICSV-LM 90159. **remarks:** Days to flower 94. Plant height 108 cm. Grain color brown. Breeding Material. Seed.
- PI 576000 **origin:** Mexico. **pedigree:** [(P74AS461 x TEP BULK-1)x LARGE SEED]-bk-2-1-2-1-1-SBK. **other id:** ICSV-LM 90160. **remarks:** Days to flower 100. Plant height 165 cm. Grain color white. Breeding Material. Seed.
- PI 576001 **origin:** Mexico. **other id:** ICSV-LM 90161. Breeding Material. Seed.
- PI 576002 **origin:** Mexico. **pedigree:** (SUSA x ICSV-LM 87009)-bk-01-3-1-9. **other id:** ICSV-LM 90162. **remarks:** Days to flower 94. Plant height 130 cm. Grain color red. Breeding Material. Seed.
- PI 576003 **origin:** Mexico. **pedigree:** (SUSA x ICSV-LM 87009)-bk-01-3-1-SBK. **other id:** ICSV-LM 90163. **remarks:** Days to flower 90. Plant height 123 cm. Grain color red. Breeding Material. Seed.
- PI 576004 **origin:** Mexico. **pedigree:** (SUSA x ICSV-LM 87009)-bk-08-1-1-SBK. **other id:** ICSV-LM 90164. **remarks:** Days to flower 96. Plant height 120 cm. Grain color brown. Breeding Material. Seed.
- PI 576005 **origin:** Mexico. **pedigree:** (SUSA x ICSV-LM 87009)-bk-16-3-1-SBK. **other id:** ICSV-LM 90165. **remarks:** Days to flower 90. Plant height 105 cm. Grain color brown. Breeding Material. Seed.
- PI 576006 **origin:** Mexico. **pedigree:** (SUSA x ICSV-LM 87009)-bk-31-1-3-SBK. **other id:** ICSV-LM 90166. **remarks:** Days to flower 90. Plant height 117 cm. Grain color brown. Breeding Material. Seed.
- PI 576007 **origin:** Mexico. **pedigree:** (UNKNOWN)-bk-05-1-1-5. **other id:** ICSV-LM 90167. **remarks:** Days to flower 102. Plant height 100 cm. Grain color white. Breeding Material. Seed.
- PI 576008 **origin:** Mexico. **pedigree:** (UNKNOWN)-bk-05-1-1-SBK. **other id:** ICSV-LM 90168. **remarks:** Days to flower 100. Plant height 135 cm. Grain color white. Breeding Material. Seed.

PI 575703 to 576014-continued

- PI 576009 **origin:** Mexico. **pedigree:** (UNKNOWN)-bk-10-1-2-SBK.
other id: ICSV-LM 90169. **remarks:** Days to flower 85.
Plant height 104 cm. Grain color brown. Breeding
Material. Seed.
- PI 576010 **origin:** Mexico. **pedigree:** (UNKNOWN)-bk-31-1-1-SBK.
other id: ICSV-LM 90170. **remarks:** Days to flower 85.
Plant height 92 cm. Grain color brown. Breeding
Material. Seed.
- PI 576011 **origin:** Mexico. **pedigree:** (UNKNOWN)-bk-71-1-1-5-1-SBK.
other id: ICSV-LM 90171. **remarks:** Days to flower 102.
Plant height 140 cm. Grain color white. Breeding
Material. Seed.
- PI 576012 **origin:** Mexico. **pedigree:** (UNKNOWN)-bk-71-1-1-8-2-SBK.
other id: ICSV-LM 90172. **remarks:** Days to flower 102.
Plant height 145 cm. Grain color white. Breeding
Material. Seed.
- PI 576013 **origin:** Mexico. **pedigree:** (UNKNOWN)-bk-71-1-2-3-1-SBK.
other id: ICSV-LM 90173. **remarks:** Days to flower 96.
Plant height 125 cm. Grain color white. Breeding
Material. Seed.
- PI 576014 **origin:** Mexico. **pedigree:** (INC FOR HYB CLAIS). **other**
id: 1391-B. **remarks:** Days to flower 97. Plant height 100
cm. Grain color white. Breeding Material. Seed.

PI 576015 to 576026. *Zea mays* L. subsp. *mays* POACEAE Corn

Donated by: Vasal, S.K., CIMMYT, International Maize & Wheat Imp.
Center, Lisboa-27, Apdo. Postal 6-641, Mexico D.F., Mexico 06600,
Mexico. Received December 09, 1993.

- PI 576015 **origin:** Mexico. **cultivar:** POPULATION 21 (IST) C2.
pedigree: Developed from Pop. 21 (Cycle 5). Improved for
two cycles for tolerance to inbreeding depression using
S3 recurrent selection, recombining 15-20 S3 lines
selected from an original 200-300 S1 lines. **other id:**
Tuxpeno-1 (IST) C2. **remarks:** Tropical adaptation.
Maturity late. Grain type white dent. Excellent
standability and plant type short. Fairly tolerant to
most foliar diseases. Annual. Breeding Material. Seed.

PI 576015 to 576026-continued

- PI 576016 **origin:** Mexico. **cultivar:** POPULATION 23 (IST) C2. **pedigree:** Developed from Pop. 23 (Cycle 1). Improved for two cycles for tolerance to inbreeding depression using S3 recurrent selection, recombining 15-20 S3 lines selected from an original 200-300 S1 lines. **other id:** Blanco-Cristalino 1 (IST) C2. **remarks:** Tropical adaptation. Maturity intermediate. Grain type white flint. Plant height intermediate. Approx. 30% of material in population is downey mildew resistant material from Philippines. Improved for resistance to *Diatraea saccharalis* and to root and stalk lodging as well as for husk cover. Annual. Breeding Material. Seed.
- PI 576017 **origin:** Mexico. **cultivar:** POPULATION 24 (IST) C2. **pedigree:** Developed from Pop. 24 (Cycle 1). Improved for two cycles for tolerance to inbreeding depression using S3 recurrent selection, recombining 15-20 S3 lines selected from an original 200-300 S1 lines. **other id:** Antigua-Veracruz 181 (IST) C2. **remarks:** Tropical adaptation. Maturity late. Grain type yellow dent. Mixture of Tuxpeno race collection Veracruz 181 and Antigua Group 2 germplasm. Improved for tolerance/resistance to fall army work (*Spodoptera frugiperda*). Annual. Breeding Material. Seed.
- PI 576018 **origin:** Mexico. **cultivar:** POPULATION 25 (IST) C2. **pedigree:** Developed from Pop. 25 (Cycle 1). Improved for two cycles for tolerance to inbreeding depression using S3 recurrent selection, recombining 15-20 S3 lines selected from an original 200-300 S1 lines. **other id:** Blanco-Cristalino 3 (IST) C2. **remarks:** Tropical adaptation. Maturity intermediate to late. Grain type white flint. Improved for better husk cover and resistance to ear and stalk rot (*Fusarium moniliforme*) and to root and stalk lodging. Annual. Breeding Material. Seed.
- PI 576019 **origin:** Mexico. **cultivar:** POPULATION 29 (IST) C2. **pedigree:** Developed from Pop. 29 (Cycle 1). Improved for two cycles for tolerance to inbreeding depression using S3 recurrent selection, recombining 15-20 S3 lines selected from an original 200-300 S1 lines. **other id:** Tuxpeno Caribe (IST) C2. **remarks:** Tropical adaptation. Maturity late. Grain type white dent. Broad genetic base, including Tuxpeno and Cuban flint germplasm. Improved for reduced plant height, stalk and root lodging and husk cover. Annual. Breeding Material. Seed.

- PI 576020 **origin:** Mexico. **cultivar:** POPULATION 32 (IST) C2.
pedigree: Developed from Pop. 32 (Cycle 1). Improved for two cycles for tolerance to inbreeding depression using S3 recurrent selection, recombining 15-20 S3 lines selected from an original 200-300 S1 lines. **other id:** ETO Blanco (IST) C2. **remarks:** Tropical adaptation. Maturity intermediate to late. Grain type white flint. Mixture of tropical and temperate germplasm. Short plant type. Improved for tolerance to inbreeding depression. Annual. Breeding Material. Seed.
- PI 576021 **origin:** Mexico. **cultivar:** POPULATION 33 (IST) C2.
pedigree: Developed from Pop. 33 (IST) C2. Improved for two cycles for tolerance to inbreeding depression using S3 recurrent selection, recombining 15-20 S3 lines selected from an original 200-300 S1 lines. **other id:** Amarillo Subtropical (IST) C2. **remarks:** Subtropical-temperate adaptation. Maturity intermediate. Grain type yellow flint. Plant height medium to short. Improved for husk cover and resistance to ear rot (*F. moniliforme*), *E. turcicum*, and root and stalk lodging. Annual. Breeding Material. Seed.
- PI 576022 **origin:** Mexico. **cultivar:** POPULATION 34 (IST) C2.
pedigree: Developed from Pop. 34 (Cycle 5). Improved for two cycles for tolerance to inbreeding depression using S3 recurrent selection, recombining 15-20 S3 lines selected from an original 200-300 S1 lines. **other id:** Blanco Subtropical (IST) C2. **remarks:** Subtropical adaptation. Maturity late. Grain type white semiflint. Relatively tall plant type. Improved for husk cover and resistance to foliar diseases and root and stalk lodging. Annual. Breeding Material. Seed.
- PI 576023 **origin:** Mexico. **cultivar:** POPULATION 42 (IST) C2.
pedigree: Developed from Pop. 42 (Cycle 4). Improved for two cycles for tolerance to inbreeding depression using S3 recurrent selection, recombining 15-20 S3 lines selected from an original 200-300 S1 lines. **other id:** ETO Illinois (IST) C2. **remarks:** Subtropical adaptation. Maturity late. Grain type white semident. Advanced generation of ETO selected for short plant type, with Illinois (USA) stocks. Segregating for resistance (major genes) to *Puccinia sorghi* and *E. turcicum*. Improved for husk cover and resistance to root and stalk lodging. Annual. Breeding Material. Seed.

PI 576015 to 576026-continued

- PI 576024 **origin:** Mexico. **cultivar:** POPULATION 44 (IST) C2. **pedigree:** Developed from Pop. 44 (Cycle 4). Improved for two cycles for tolerance to inbreeding depression using S3 recurrent selection, recombining 15-20 S3 lines selected from an original 200-300 S1 lines. **other id:** AED-Tuxpeno (IST) C2. **remarks:** Subtropical adaptation. Maturity late. Grain type white dent. Advanced generation of American Early Dent (from Egypt) with short-plant Tuxpeno materials. Tall plant type and high yield potential. Improved for husk cover and resistance to foliar diseases, ear rot (*F. moniliforme*) and root and stalk lodging. Annual. Breeding Material. Seed.
- PI 576025 **origin:** Mexico. **cultivar:** POPULATION 45 (IST) C2. **pedigree:** Developed from Pop. 45 (Cycle 3). Improved for two cycles for tolerance to inbreeding depression using S3 recurrent selection, recombining 15-20 S3 lines selected from an original 200-300 S1 lines. **other id:** Amarillo Bajio (IST) C2. **remarks:** Subtropical-temperate adaptation. Maturity intermediate. Grain type yellow dent. Broad genetic base derived from crosses among lowland tropical maize from Mexico and the Caribbean islands and Corn Belt dents from the USA. Improved husk cover and resistance to ear rots, *E. turcicum* and to root and stalk lodging. Annual. Breeding Material. Seed.
- PI 576026 **origin:** Mexico. **cultivar:** POOL 32 (IST) C2. **pedigree:** Developed from Pool 32 (Cycle 19). Improved for two cycles for tolerance to inbreeding depression using S3 recurrent selection, recombining 15-20 S3 lines selected from an original 200-300 S1 lines. **other id:** Temperate Inter. Wh.Dt.(IST)C2. **remarks:** Subtropical-temperate adaptation. Maturity intermediate. Kernel type deep white dent. Resistance to Southwestern corn borer (*Diatraea grandiosella*). Annual. Breeding Material. Seed.

PI 576027. Sorghum x alnum L. Parodi POACEAE Alnum sorghum

Donated by: Hammer, Karl, Inst. of Plant Genetics & Crop Pl. Res., Corrensstr. 3, D-06466 Gatersleben, Germany. Received October 06, 1993.

donor id: SOR 30. **origin:** Morocco. **origin institute:** Inst. Landw. Forsch., Rabat Morocco. **other id:** E 453. **remarks:** Seed increased in Germany. **received as:** Sorghum alnum. Cultivated. Seed.

PI 576028 to 576092. *Sorghum bicolor* (L.) Moench POACEAE Sorghum

Donated by: Hammer, Karl, Inst. of Plant Genetics & Crop Pl. Res., Corrensstr. 3, D-06466 Gatersleben, Germany. Received October 06, 1993.

- PI 576028 **donor id:** SOR 1. **origin:** Romania. **origin institute:** Bot. Gart. Univ., Bukarest Romania. **remarks:** Seed increased in Germany. **received as:** *Sorghum saccharatum* convar. *technicum*. Cultivated. Seed.
- PI 576029 **donor id:** SOR 3. **origin:** China. **origin institute:** Landw. Versuchsstat., Hulan China. **source history:** Exped: [CHN-56] China 1956: 480. **remarks:** Seed increased in Germany. **received as:** *Sorghum nervosum*. Cultivated. Seed.
- PI 576030 **donor id:** SOR 4. **origin:** China. **source history:** Exped: [CHN-56] China 1956: 177. **locality:** Rand d. Laoshan. **remarks:** Seed increased in Germany. **received as:** *Sorghum saccharatum* convar. *saccharatum*. Cultivated. Seed.
- PI 576031 **donor id:** SOR 5. **origin:** China. **origin institute:** Landw. Versuchsstat, Hulan China. **source history:** Exped: [CHN-56] China 1956: 479. **remarks:** Seed increased in Germany. **received as:** *Sorghum nervosum*. Cultivated. Seed.
- PI 576032 **donor id:** SOR 6. **origin:** China. **origin institute:** Landw. Versuchsstat, Hulan China. **source history:** Exped: [CHN-56] China 1956: 485. **remarks:** Seed increased in Germany. **received as:** *Sorghum nervosum*. Cultivated. Seed.
- PI 576033 **donor id:** SOR 7. **origin:** China. **origin institute:** Landw. Versuchsstat, Hulan China. **source history:** Exped: [CHN-56] China 1956: 481. **remarks:** Seed increased in Germany. **received as:** *Sorghum nervosum*. Cultivated. Seed.
- PI 576034 **donor id:** SOR 8. **origin:** China. **source history:** Exped: [CHNCFD-57] Chin. Forst-Del. 1957. **remarks:** Seed increased in Germany. **received as:** *Sorghum nervosum*. Cultivated. Seed.
- PI 576035 **donor id:** SOR 9. **origin:** Germany. **origin institute:** Lehr- u. Forschungsanstalt f. Wein-, Obst- u., Gartenbau, Geisenheim Germany. **remarks:** Seed increased in Germany. **received as:** *Sorghum saccharatum* convar. *saccharatum*. Cultivated. Seed.

PI 576028 to 576092-continued

- PI 576036 **donor id:** SOR 10. **origin:** Hungary. **origin institute:** NIAVT, Taposzele Hungary. **cultivar:** BANKUTI. **remarks:** Seed increased in Germany. **received as:** Sorghum saccharatum convar. technicum. Cultivated. Seed.
- PI 576037 **donor id:** SOR 11. **origin:** China. **source history:** Exped: [CHN-56] China 1956: 73. **locality:** Ming-Graber, Peking. **remarks:** Seed increased in Germany. **received as:** Sorghum saccharatum convar. saccharatum. Cultivated. Seed.
- PI 576038 **donor id:** SOR 12. **origin:** China. **origin institute:** Landw. Hochsch., Tsinan China. **source history:** Exped: [CHN-56] China 1956: 164. **remarks:** Seed increased in Germany. **received as:** Sorghum saccharatum convar. saccharatum. Cultivated. Seed.
- PI 576039 **donor id:** SOR 13. **origin:** China. **origin institute:** Landw. Hochsch., Tsinan China. **source history:** Exped: [CHN-56] China 1956: 166. **cultivar:** MSIANG KAO LIANG. **remarks:** Seed increased in Germany. **received as:** Sorghum nervosum. Cultivated. Seed.
- PI 576040 **donor id:** SOR 14. **origin:** China. **origin institute:** Landw. Versuchsstat., Hulan China. **source history:** Exped: [CHN-56] China 1956: 484. **remarks:** Seed increased in Germany. **received as:** Sorghum nervosum. Cultivated. Seed.
- PI 576041 **donor id:** SOR 15. **origin:** China. **origin institute:** Landw. Versuchsstat., Hulan China. **source history:** Exped: [CHN-56] China 1956: 482. **remarks:** Seed increased in Germany. **received as:** Sorghum nervosum. Cultivated. Seed.
- PI 576042 **donor id:** SOR 18. **origin:** Germany. **origin institute:** Inst. Acker- u. Pfl.-Bau, Weihestephan Germany. **remarks:** Seed increased in Germany. **received as:** Sorghum caffrorum. Cultivated. Seed.
- PI 576043 **donor id:** SOR 19. **origin:** Portugal. **origin institute:** Bot. Gart. Univ., Coimbra Portugal. **remarks:** Seed increased in Germany. **received as:** Sorghum caffrorum. Cultivated. Seed.
- PI 576044 **donor id:** SOR 20. **origin:** Denmark. **origin institute:** Bot. Gart. Univ., Kopenhagen Denmark. **remarks:** Seed increased in Germany. **received as:** Sorghum cernuum. Cultivated. Seed.
- PI 576045 **donor id:** SOR 21. **origin:** Denmark. **origin institute:** Bot. Gart. Univ., Budapest Hungary. **remarks:** Seed increased in Germany. Cultivated. Seed.

PI 576028 to 576092-continued

- PI 576046 **donor id:** SOR 22. **origin:** Portugal. **origin institute:** Bot. Gart. Univ., Coimbra Portugal. **other id:** E 1. **remarks:** Seed increased in Germany. Cultivated. Seed.
- PI 576047 **donor id:** SOR 23. **origin:** Greece. **source history:** Exped: [*BALK-41] 1941: 2235. **other id:** E 248. **locality:** Kalabaka, N-Griechenland. **remarks:** Seed increased in Germany. **received as:** Sorghum saccharatum convar. saccharatum. Cultivated. Seed.
- PI 576048 **donor id:** SOR 24. **origin:** Greece. **source history:** Exped: [*BALK-41] Balkan 1941: 1395. **cultivar:** SORGHUM'S CALAIS. **other id:** E 249. **other id:** Besenhirse. **locality:** Landw. Stat. Janina, N-Griechenland. **remarks:** Seed increased in Germany. **received as:** Sorghum saccharatum convar. saccharatum. Cultivated. Seed.
- PI 576049 **donor id:** SOR 25. **origin:** China. **origin institute:** Inst. Pfl.-Zucht, Bernburg Germany. **cultivar:** M-DA-LAU. **other id:** E 250. **remarks:** Seed increased in Germany. **received as:** Sorghum nervosum. Cultivated. Seed.
- PI 576050 **donor id:** SOR 27. **origin:** Former Soviet Union. **origin institute:** VIR, 44 Bolshaya Morskaya Street, Leningrad 190000 USSR. **origin institute id:** 2121. **cultivar:** UKRAINSKOE BELOEROT. **other id:** E 371. **remarks:** Seed increased in Germany. **received as:** Sorghum cernuum. Cultivated. Seed.
- PI 576051 **donor id:** SOR 28. **origin:** Former Soviet Union. **origin institute:** VIR, 44 Bolshaya Morskaya Street, Leningrad 190000 USSR. **origin institute id:** 15971. **cultivar:** DZUGARA RANNJAJA 705. **other id:** E 373. **remarks:** Seed increased in Germany. **received as:** Sorghum cernuum. Cultivated. Seed.
- PI 576052 **donor id:** SOR 29. **origin:** Greece. **origin institute:** Bot. Gart. Univ., Athen Greece. **other id:** E 404. **locality:** Griechenland. **remarks:** Seed increased in Germany. **received as:** Sorghum durra. Cultivated. Seed.
- PI 576053 **origin:** Portugal. **origin institute:** Landw. Stat., Sacavem Portugal. **cultivar:** FETERITA. **other id:** E 6. **remarks:** Seed increased in Germany. Cultivated. Seed.
- PI 576054 **origin:** Hungary. **origin institute:** NIAVT, Tapioszele Hungary. **cultivar:** CAMPIONE. **other id:** E 30. **remarks:** Seed increased in Germany. Cultivated. Seed.

PI 576028 to 576092-continued

- PI 576055 **origin:** China. **source history:** Exped: [CHNDLA-55] China (uber DLA Berlin 1955). **cultivar:** DA-CHUAN-KE. **other id:** E 225. **remarks:** Seed increased in Germany. Cultivated. Seed.
- PI 576056 **origin:** China. **source history:** Exped: [CHNDLA-55] China (uber DLA Berlin 1955). **cultivar:** JAN-DA-LI. **other id:** E 226. **remarks:** Seed increased in Germany. Cultivated. Seed.
- PI 576057 **origin:** China. **origin institute:** Sortenamnt Nossen China. **cultivar:** DOU-ZHUJ-HAO-LJAN. **other id:** E 242. **remarks:** Seed increased in Germany. Cultivated. Seed.
- PI 576058 **origin:** Portugal. **origin institute:** Landw. Sta., Sacavem Portugal. **other id:** E 260. **remarks:** Seed increased in Germany. Cultivated. Seed.
- PI 576059 **origin:** China. **origin institute:** Landw. Versuchsstat, Hulan China. **source history:** Exped: [CHN-56] China 1956: 486. **other id:** E 261. **remarks:** Seed increased in Germany. Cultivated. Seed.
- PI 576060 **origin:** Tanzania. **cultivar:** H x 60. **other id:** E 555A. **remarks:** Seed increased in Germany. Cultivated. Seed.
- PI 576061 **origin:** Tanzania. **cultivar:** H x 60. **other id:** E 555B. **remarks:** Seed increased in Germany. Cultivated. Seed.
- PI 576062 **origin:** Egypt. **other id:** E 557. **remarks:** Seed increased in Germany. Cultivated. Seed.
- PI 576063 **origin:** Iraq. **other id:** E 559. **remarks:** Seed increased in Germany. Cultivated. Seed.
- PI 576064 **origin:** Former Soviet Union. **origin institute:** VIR, 44 Bolshaya Morskaya Street, Leningrad 190000 USSR. **cultivar:** KUBANSKOJE KRASNOJE 1677. **other id:** E 607. **remarks:** Seed increased in Germany. Cultivated. Seed.
- PI 576065 **origin:** Former Soviet Union. **origin institute:** VIR, 44 Bolshaya Morskaya Street, Leningrad 190000 USSR. **cultivar:** DZUGARA BELAJA RANNAJA 1776. **other id:** E 608. **remarks:** Seed increased in Germany. Cultivated. Seed.
- PI 576066 **origin:** Former Soviet Union. **origin institute:** VIR, 44 Bolshaya Morskaya Street, Leningrad 190000 USSR. **cultivar:** HEGARI RANNEE 85. **other id:** E 609. **remarks:** Seed increased in Germany. Cultivated. Seed.

PI 576028 to 576092-continued

- PI 576067 **origin:** Former Soviet Union. **origin institute:** VIR, 44 Bolshaya Morskaya Street, Leningrad 190000 USSR. **cultivar:** JANTAR' DNEPROPETROVSKIJ RANNIJ. **other id:** E 610. **remarks:** Seed increased in Germany. Cultivated. Seed.
- PI 576068 **origin:** Former Soviet Union. **origin institute:** VIR, 44 Bolshaya Morskaya Street, Leningrad 190000 USSR. **cultivar:** DZUGARA MESTNAJA 705. **other id:** E 611. **remarks:** Seed increased in Germany. Cultivated. Seed.
- PI 576069 **origin:** United States. **origin institute:** Chr. Jenness, King's Lynn, Norfolk, England United Kingdom. **cultivar:** INDIANA EARLY. **other id:** E 651. **remarks:** Seed increased in Germany. Cultivated. Seed.
- PI 576070 **origin:** United Kingdom. **origin institute:** Chr. Jenness, King's Lynn, Norfolk, England United Kingdom. **cultivar:** EUROPEAN. **other id:** E 652. **remarks:** Seed increased in Germany. Cultivated. Seed.
- PI 576071 **origin:** United Kingdom. **origin institute:** Chr. Jenness, King's Lynn, Norfolk, England United Kingdom. **other id:** E 653. **remarks:** Seed increased in Germany. Cultivated. Seed.
- PI 576072 **origin:** United Kingdom. **origin institute:** Chr. Jenness, King's Lynn, Norfolk, England United Kingdom. **cultivar:** BLACKHULL. **other id:** E 654. **remarks:** Seed increased in Germany. Cultivated. Seed.
- PI 576073 **origin:** United Kingdom. **origin institute:** Chr. Jenness, King's Lynn, Norfolk, England United Kingdom. **cultivar:** WACONIA ORANGE. **other id:** E 655. **remarks:** Seed increased in Germany. Cultivated. Seed.
- PI 576074 **origin:** United Kingdom. **origin institute:** Chr. Jenness, King's Lynn, Norfolk, England United Kingdom. **cultivar:** PERSIAN DWARF. **other id:** E 656. **remarks:** Seed increased in Germany. Cultivated. Seed.
- PI 576075 **origin:** United Kingdom. **origin institute:** Chr. Jenness, King's Lynn, Norfolk, England United Kingdom. **cultivar:** TALL POLISH. **other id:** E 657. **remarks:** Seed increased in Germany. Cultivated. Seed.
- PI 576076 **origin:** United Kingdom. **origin institute:** Chr. Jenness, King's Lynn, Norfolk, England United Kingdom. **other id:** E 658. **remarks:** Seed increased in Germany. Cultivated. Seed.

PI 576028 to 576092-continued

- PI 576077 **origin:** United Kingdom. **origin institute:** Chr. Jenness, King's Lynn, Norfolk, England United Kingdom. **cultivar:** HEGARE DWARF WHITE. **other id:** E 659. **remarks:** Seed increased in Germany. Cultivated. Seed.
- PI 576078 **origin:** United Kingdom. **origin institute:** Chr. Jenness, King's Lynn, Norfolk, England United Kingdom. **cultivar:** WHITE MANCHURIAN KAOLIANG. **other id:** E 660. **remarks:** Seed increased in Germany. Cultivated. Seed.
- PI 576079 **origin:** United Kingdom. **origin institute:** Chr. Jenness, King's Lynn, Norfolk, England United Kingdom. **cultivar:** RED GUINNEA CORN. **other id:** E 661. **remarks:** Seed increased in Germany. Cultivated. Seed.
- PI 576080 **origin:** United Kingdom. **origin institute:** Chr. Jenness, King's Lynn, Norfolk, England United Kingdom. **other id:** E 662. **remarks:** Seed increased in Germany. Cultivated. Seed.
- PI 576081 **origin:** Libya. **source history:** Exped: [LBY-82] Libyen 1982: Z 15. **other id:** E 681. **locality:** Sabha, Saatgutvorrat. **remarks:** Seed increased in Germany. Cultivated. Seed.
- PI 576082 **origin:** Libya. **source history:** Exped: [LBY-82] Libyen 1982: 40. **other id:** E 683. **locality:** Abyad, 440m NN, Saatgutvorrat. **remarks:** Seeds increased in Germany. Cultivated. Seed.
- PI 576083 **origin:** Libya. **source history:** Exped: [LBY-82] Libyen 1982: 50. **cultivar:** FAKFAKY. **other id:** E 684. **locality:** Arraquabah, 460m NN, Saatgutvorrat. **remarks:** Seeds increased in Germany. Cultivated. Seed.
- PI 576084 **origin:** Libya. **source history:** Exped: [LBY-82] Libyen 1982: 51. **cultivar:** KARANDAFOE. **other id:** E 685. **locality:** Arraquabah, 460m NN, Saatgutvorrat. **remarks:** Seeds increased in Germany. Cultivated. Seed.
- PI 576085 **origin:** Libya. **source history:** Exped: [LBY-82] Libyen 1982: 52. **cultivar:** MAIDOWLEY. **other id:** E 686. **locality:** Arraquabah, 460m NN, Saatgutvorrat. **remarks:** Seeds increased in Germany. Cultivated. Seed.
- PI 576086 **origin:** Former Soviet Union. **source history:** Exped: [SUNGEORG-82] Landsort. Georg. SSR 1982: 475. **other id:** E 696. **locality:** Zenobani, S Vani (Rayon Vani), Rand des Adzaro-Imeretinskij chrebet, Imeretien, ca. 400m NN. **remarks:** Seed increased in Germany. Cultivated. Seed.

PI 576028 to 576092-continued

- PI 576087 **origin:** Former Soviet Union. **source history:** Exped: [SUNGEORG-82] Landsort. Georg. SSR 1982: 560. **other id:** E 697. **locality:** Terdzola, NW Zestafoni (Rayon Terdzola), Imeretien, ca. 150m NN. **remarks:** Seed increased in Germany. Cultivated. Seed.
- PI 576088 **origin:** Former Soviet Union. **source history:** Exped: [SUNGEORG-82] Landsort. Georg. SSR 1982: 577. **other id:** E 699. **locality:** Simoneti, W Kutaisi (Rayon Terdzola), Imeretien, ca. 200-300m NN. **remarks:** Seed increased in Germany. Cultivated. Seed.
- PI 576089 **origin:** Former Soviet Union. **source history:** Exped: [SUNGEORG-82] Landsort. Georg. SSR 1982: 1703. **other id:** E 763. **locality:** Dzenemani, Rayon Keda, Adzarien. **remarks:** Seed increased in Germany. Entered German genebank under scientific name *S. dochna*. **received as:** *Sorghum saccharatum*. Cultivated. Seed.
- PI 576090 **origin:** Former Soviet Union. **source history:** Exped: [SUNGEORG-82] Landsort. Georg. SSR 1982: 1725. **other id:** E 764. **locality:** Didadzara, Rayon Chula, Adzarien. **remarks:** Seed increased in Germany. Entered German genebank under scientific name *S. dochna*. **received as:** *Sorghum saccharatum*. Cultivated. Seed.
- PI 576091 **origin:** Korea, North. **source history:** Exped: [PKR-86] Korean. DVR 1986: 24. **other id:** E 771. **locality:** Rihon, 30km E von Pyongyang. **remarks:** Seed increased in Germany. Cultivated. Seed.
- PI 576092 **origin:** Korea, North. **origin institute:** Inst. Exp. Biologie, Phyongyang Korea, Dem Peoples Rep of. **source history:** Exped: [PKR-86] Korean. DVR 1986: 143. **other id:** E 772. **remarks:** Seed increased in Germany. Cultivated. Seed.

PI 576093 to 576095. *Sorghum halepense* (L.) Pers. POACEAE
Johnsongrass

Donated by: Hammer, Karl, Inst. of Plant Genetics & Crop Pl. Res., Corrensstr. 3, D-06466 Gatersleben, Germany. Received October 06, 1993.

- PI 576093 **origin:** El Salvador. **source history:** Exped: [*SCHWAN-58] F. Schwanitz, Mittelamerika 1958.. **other id:** E 211. **locality:** Citata, Chalatenango. **remarks:** Seed increased in Germany. Cultivated. Seed.

PI 576093 to 576095-continued

PI 576094 **origin:** Colombia. **source history:** Exped: [COL-88] Kolumbien 1988: 64. **other id:** E 777. **remarks:** Seed increased in Germany. Cultivated. Seed.

PI 576095 **origin:** Colombia. **source history:** Exped: [COL-88] Kolumbien 1988: 63. **other id:** E 778. **remarks:** Seed increased in Germany. Cultivated. Seed.

PI 576096 to 576122. Sorghum sp. POACEAE Sorghum

Donated by: Hammer, Karl, Inst. of Plant Genetics & Crop Pl. Res., Corrensstr. 3, D-06466 Gatersleben, Germany. Received October 06, 1993.

PI 576096 **origin:** China. **cultivar:** AN-CHOJ-AJ-HAO-LJAN. **other id:** E 243. **remarks:** Seed increased in Germany. Entered German genebank with scientific named *S. bicolor*. Cultivated. Seed.

PI 576097 **origin:** China. **origin institute:** Landw. Versuchsstat, Hulan China. **source history:** Exped: [CHN-56] China 1956: 483. **other id:** E 262. **remarks:** Seed increased in Germany. Cultivated. Seed.

PI 576098 **origin:** UNCERTAIN. **origin institute:** Hygiene Inst. Magdeburg/Stendal UNCERTAIN. **source history:** Asien - aus Sojabohnen. **other id:** E 618. **remarks:** Seed increased in Germany. Entered German genebank with scientific name *S. bicolor*. Cultivated. Seed.

PI 576099 **origin:** Libya. **source history:** Exped: [LBY-83] Libyen 1983: 8864. **other id:** E 712. **remarks:** Seed increased in Germany. Entered German genebank with scientific name *S. bicolor*. Cultivated. Seed.

PI 576100 **origin:** Libya. **source history:** Exped: [LBY-83] Libyen 1983: 7999. **other id:** E 713. **remarks:** Seed increased in Germany. Entered German genebank with scientific name *S. bicolor*. Cultivated. Seed.

PI 576101 **origin:** Libya. **source history:** Exped: [LBY-83] Libyen 1983: 8033. **other id:** E 714. **remarks:** Seed increased in Germany. Entered German genebank with scientific name *S. bicolor*. Cultivated. Seed.

PI 576102 **origin:** Libya. **source history:** Exped: [LBY-83] Libyen 1983: 8811. **other id:** E 715. **remarks:** Seed increased in Germany. Entered German genebank with scientific name *S. bicolor*. Cultivated. Seed.

PI 576096 to 576122-continued

- PI 576103 **origin:** Libya. **source history:** Exped: [LBY-83] Libyen 1983: 8812. **other id:** E 716. **remarks:** Seed increased in Germany. Entered German genebank with scientific name *S. bicolor*. Cultivated. Seed.
- PI 576104 **origin:** Libya. **source history:** Exped: [LBY-83] Libyen 1983: 8828. **other id:** E 717. **remarks:** Seed increased in Germany. Entered German genebank with scientific name *S. bicolor*. Cultivated. Seed.
- PI 576105 **origin:** Libya. **source history:** Exped: [LBY-83] Libyen 1983: 8853. **other id:** E 718. **remarks:** Seed increased in Germany. Entered German genebank with scientific name *S. bicolor*. Cultivated. Seed.
- PI 576106 **origin:** Libya. **source history:** Exped: [LBY-83] Libyen 1983: 8860. **other id:** E 719. **remarks:** Seed increased in Germany. Entered German genebank with scientific name *S. bicolor*. Cultivated. Seed.
- PI 576107 **origin:** Libya. **source history:** Exped: [LBY-83] Libyen 1983: 8862. **other id:** E 720. **remarks:** Seed increased in Germany. Entered German genebank with scientific name *S. bicolor*. Cultivated. Seed.
- PI 576108 **origin:** Libya. **source history:** Exped: [LBY-83] Libyen 1983: 8866. **other id:** E 721. **remarks:** Seed increased in Germany. Entered German genebank with scientific name *S. bicolor*. Cultivated. Seed.
- PI 576109 **origin:** Libya. **source history:** Exped: [LBY-83] Libyen 1983: 8874. **other id:** E 722. **remarks:** Seed increased in Germany. Entered German genebank with scientific name *S. bicolor*. Cultivated. Seed.
- PI 576110 **origin:** Libya. **source history:** Exped: [LBY-83] Libyen 1983: 8930. **other id:** E 724. **remarks:** Seed increased in Germany. Entered German genebank with scientific name *S. bicolor*. Cultivated. Seed.
- PI 576111 **origin:** Libya. **source history:** Exped: [LBY-83] Libyen 1983: 8957. **other id:** E 725. **remarks:** Seed increased in Germany. Entered German genebank with scientific name *S. bicolor*. Cultivated. Seed.
- PI 576112 **origin:** Libya. **source history:** Exped: [LBY-83] Libyen 1983: 8967. **other id:** E 727. **remarks:** Seed increased in Germany. Entered German genebank with scientific name *S. bicolor*. Cultivated. Seed.

PI 576096 to 576122-continued

- PI 576113 **origin:** Libya. **source history:** Exped: [LBY-83] Libyen 1983: 8983. **other id:** E 728. **remarks:** Seed increased in Germany. Entered German genebank with scientific name *S. bicolor*. Cultivated. Seed.
- PI 576114 **origin:** Libya. **source history:** Exped: [LBY-83] Libyen 1983: 8863. **other id:** E 732. **remarks:** Seed increased in Germany. Entered German genebank with scientific name *S. bicolor*. Cultivated. Seed.
- PI 576115 **origin:** Libya. **source history:** Exped: [LBY-83] Libyen 1983: 8912. **other id:** E 733. **remarks:** Seed increased in Germany. Entered German genebank with scientific name *S. bicolor*. Cultivated. Seed.
- PI 576116 **origin:** Korea, North. **source history:** Exped: [PRK-85] Korean. DVR 1985 (Dr. Hammer): 16. **other id:** E 758. **remarks:** Seed increased in Germany. Entered German genebank with scientific name *S. bicolor*. Cultivated. Seed.
- PI 576117 **origin:** Korea, North. **source history:** Exped: [PRK-85] Korean. DVR 1985 (Dr. Hammer): 58. **other id:** E 759. **locality:** Ejek Pheng, ca. 10km S von Huichon, 300m NN. **remarks:** Seed increased in Germany. Entered German genebank with scientific name *S. bicolor*. Cultivated. Seed.
- PI 576118 **origin:** Korea, North. **source history:** Exped: [PRK-85] Korean. DVR 1985 (Dr. Hammer): 86. **other id:** E 760. **locality:** Chongsan-ri, ca. 28km SW von Pyongyang, South Phyongyang District, ca. 15m NN. **remarks:** Seed increased in Germany. Entered German genebank with scientific name *S. bicolor*. Cultivated. Seed.
- PI 576119 **origin:** Iraq. **source history:** Exped: [IRQ-86] Irak 1986: 9. **other id:** E 769. **locality:** Mosul, Market. **remarks:** Seed increased in Germany. Entered German genebank with scientific name *S. bicolor*. Cultivated. Seed.
- PI 576120 **origin:** Iraq. **source history:** Exped: [IRQ-86] Irak 1986: 102. **other id:** E 770. **locality:** Rawa. **remarks:** Seed increased in Germany. Entered German genebank with scientific name *S. bicolor*. Cultivated. Seed.
- PI 576121 **origin:** Italy. **source history:** Exped: [ITA-86] S-Italien 1986: 10712. **other id:** E 774. **locality:** Insel Favignana. **remarks:** Seed increased in Germany. Cultivated. Seed.

PI 576096 to 576122-continued

PI 576122 **origin:** Greece. **origin institute:** Inst. Futterpfl., Larissa Greece. **source history:** Exped: [ITA-86] S-Italien 1986: 10712. **cultivar:** KROKIO. **other id:** E 783. **locality:** Insel Favignana. **remarks:** Seed increased in Germany. Cultivated. Seed.

PI 576123 to 576131. *Sorghum bicolor* (L.) Moench POACEAE Sorghum

Donated by: Sharma, H.C., Intl Crops Res Inst for Semi-Arid Tropic, Patancheru, Andhra Pradesh 502 324, India. **remarks:** Nine midge-resistant sorghum germplasms. Received December 09, 1993.

PI 576123 **origin:** India. **developed:** H.C. Sharma, B.L. Agrawal, C.V. Abraham, P. Vidyasagar, K.F. Nwanze and J.W. Stenhouse. **origin institute:** ICRISAT, Andhra Pradesh 502 324 India. **cultivar:** ICSV 692. **pedigree:** (Diallel-50-1-1-ALS7 x DJ6514)-12-1-1-1. **other id:** GP-374. **group:** CSR-SORGHUM. **restricted:** CSR. **remarks:** Plant height 129cm, days to 50% flowering 59, and 1000-grain weight 19g. Plant color tan. Grain and endosperm color creamy white. Highly resistant to sorghum midge (*Contarnia sorghicola*). Spring Annual. Breeding Material. Seed.

PI 576124 **origin:** India. **developed:** H.C. Sharma, B.L. Agrawal, C.V. Abraham, P. Vidyasagar, K.F. Nwanze and J.W. Stenhouse. **origin institute:** ICRISAT, India, Andhra Pradesh 502 324 India. **cultivar:** ICSV 729. **pedigree:** (IS 3443 x IS 1279C)-2-1-2-1-1. **other id:** GP-375. **group:** CSR-SORGHUM. **restricted:** CSR. **remarks:** Plant height 74cm, days to 50% flowering 66, and 1000-grain weight 28g. Grain and endosperm color creamy white. Highly resistant to sorghum midge (*Contarnia sorghicola*). Spring Annual. Breeding Material. Seed.

PI 576125 **origin:** India. **developed:** H.C. Sharma, B.L. Agrawal, C.V. Abraham, P. Vidyasagar, K.F. Nwanze and J.W. Stenhouse. **origin institute:** ICRISAT, India, Andhra Pradesh 502 324 India. **cultivar:** ICSV 730. **pedigree:** (IS 7048 x SPV 351)-2-6-1-1. **other id:** GP-376. **group:** CSR-SORGHUM. **restricted:** CSR. **remarks:** Plant height 130cm, days to 50% flowering 78, and 1000-grain weight 23g. Plant color tan. Grain and endosperm creamy white. Highly resistant to sorghum midge (*Contarnia sorghicola*). Spring Annual. Breeding Material. Seed.

PI 576123 to 576131-continued

- PI 576126 **origin:** India. **developed:** H.C. Sharma, B.L. Agrawal, C.V. Abraham, P. Vidyasagar, K.F. Nwanze and J.W. Stenhouse. **origin institute:** ICRISAT, India, Andhra Pradesh 502 324 India. **cultivar:** ICSV 731. **pedigree:** (IS 7348 x SPV 351)-4-1-1-1. **other id:** GP-377. **group:** CSR-SORGHUM. **restricted:** CSR. **remarks:** Plant height 140cm, days to 50% flowering 72, and 1000-grain weight 29g. Plant color tan. Grain and endosperm creamy white. Highly resistant to sorghum midge (*Contarnia sorghicola*). Spring Annual. Breeding Material. Seed.
- PI 576127 **origin:** India. **developed:** H.C. Sharma, B.L. Agrawal, C.V. Abraham, P. Vidyasagar, K.F. Nwanze and J.W. Stenhouse. **origin institute:** ICRISAT, India, Andhra Pradesh 502 324 India. **cultivar:** ICSV 736. **pedigree:** (PM 11344 x SPV 351)-10-1-1-1-7. **other id:** GP-378. **group:** CSR-SORGHUM. **restricted:** CSR. **remarks:** Plant height 239cm, days to 50% flowering 76, and 1000-grain weight 20g. Plant color tan. Grain and endosperm creamy white. Highly resistant to sorghum midge (*Contarnia sorghicola*). Spring Annual. Breeding Material. Seed.
- PI 576128 **origin:** India. **developed:** H.C. Sharma, B.L. Agrawal, C.V. Abraham, P. Vidyasagar, K.F. Nwanze and J.W. Stenhouse. **origin institute:** ICRISAT, India, Andhra Pradesh 502 324 India. **cultivar:** ICSV 739. **pedigree:** (PM 11344 x SPV 394)-3-1-1-1-6. **other id:** GP-379. **group:** CSR-SORGHUM. **restricted:** CSR. **remarks:** Plant height 241cm, days to 50% flowering 70, and 1000-grain weight 18g. Plant color tan. Grain and endosperm creamy white. Highly resistant to sorghum midge (*Contarnia sorghicola*). Spring Annual. Breeding Material. Seed.
- PI 576129 **origin:** India. **developed:** H.C. Sharma, B.L. Agrawal, C.V. Abraham, P. Vidyasagar, K.F. Nwanze and J.W. Stenhouse. **origin institute:** ICRISAT, India, Andhra Pradesh 502 324 India. **cultivar:** ICSV 744. **pedigree:** (PM 11344 x A6250)-3-2-2-4. **other id:** GP-380. **group:** CSR-SORGHUM. **restricted:** CSR. **remarks:** Plant height 282cm, days to 50% flowering 77, and 1000-grain weight 22g. Plant color tan. Grain and endosperm creamy white. Highly resistant to sorghum midge (*Contarnia sorghicola*). Spring Annual. Breeding Material. Seed.

PI 576123 to 576131-continued

PI 576130 **origin:** India. **developed:** H.C. Sharma, B.L. Agrawal, C.V. Abraham, P. Vidyasagar, K.F. Nwanze and J.W. Stenhouse. **origin institute:** ICRISAT, India, Andhra Pradesh 502 324 India. **cultivar:** ICSV 745. **pedigree:** (PM 11344 x A6250)-4-1-1-1. **other id:** GP-381. **group:** CSR-SORGHUM. **restricted:** CSR. **remarks:** Plant height 215cm, days to 50% flowering 71, and 1000-grain weight 31g. Plant color tan. Grain and endosperm creamy white. Highly resistant to sorghum midge (*Contarnia sorghicola*). Spring Annual. Breeding Material. Seed.

PI 576131 **origin:** India. **developed:** H.C. Sharma, B.L. Agrawal, C.V. Abraham, P. Vidyasagar, K.F. Nwanze and J.W. Stenhouse. **origin institute:** ICRISAT, India, Andhra Pradesh 502 324 India. **cultivar:** ICSV 748. **pedigree:** (PM 11344 x A6250)-8-5-6-1. **other id:** GP-382. **group:** CSR-SORGHUM. **restricted:** CSR. **remarks:** Plant height 279cm, days to 50% flowering 81, and 1000-grain weight 24g. Plant color tan. Grain and endosperm creamy white. High yielding. Highly resistant to sorghum midge (*Contarnia sorghicola*). Spring Annual. Breeding Material. Seed.

PI 576132. *Lathyrus hirsutus* L. FABACEAE Caley-pea

Donated by: Owsley, C.M., USDA-SCS, Americus Plant Materials Center, 295 Morris Drive, Americus, Georgia 31709, United States. **remarks:** Received through USDA-SCS, National Plant Materials Center, Bldg. 509, BARC-East, Beltsville, MD 20705. Received December 09, 1993.

origin: United States. **cultivar:** LAHI2. **pedigree:** Composite of 9052101, 9053012, 9054221, 9052102 and 9052088. **other id:** W6 14688. **group:** W6. **remarks:** Decumbent cool season legume. Good growth, vigor, disease and insect resistance. Morphologically similar to other known caley peas. Plant height 12-73cm. Habit indeterminate. Stockiness medium. Branching 0 to +2 per vine. Stipules present, clasping, not marbled. Pod length 2.4-4.2cm, width 5-8mm, shape straight, apex pointed, color brown, surface rough and dull. Seed per pod 3-8, round to squared, smooth and dull, monocolour gray, hilum tan, cotyledon yellow, approx. 2.9-3.1g/100 seed. Used in conservation tillage systems as cool season cover crop. Cultivated. Seed.

PI 576133. *Miscanthus* sp. POACEAE

Donated by: Reynolds, Scott, Foreign Agricultural Service, 18th Floor, St. John's Building, 33, Garden Road, Hong Kong, China. Received September 06, 1991.

PI 576133-continued

origin: China. **other id:** BE-3609. **source:** APHIS. **other id:** Grif 5797. **source:** S-9. **group:** Grif. **other id:** Q 28758. Plant.

PI 576134. *Paspalum distichum* L. POACEAE

Received June 17, 1992.

origin: Brazil. **other id:** BE-4102. **source:** APHIS. **other id:** Grif 5802. **source:** S-9. **group:** Grif. **other id:** Q 29192. Plant.

PI 576135. *Paspalum* sp. POACEAE

Donated by: Spantidakis, J. C., Landscape Design/Turf Consultant, 11. Dodekanisou Str., 151 22 Madrousi, Athens, Greece. Received June 12, 1992.

origin: Greece. **other id:** BE-4102. **source:** APHIS. **other id:** Grif 5801. **source:** S-9. **group:** Grif. **other id:** Q 29159. Plant.

PI 576136 to 576137. *Paspalum vaginatum* Swartz POACEAE Seashore
paspalum

Donated by: K.R. Turf, Kar Deshe, Kilbutz Kfar Ruppim, Beit Shean Valley 10850, Israel. Received April 03, 1992.

PI 576136 **origin:** Israel. **other id:** BE-4018. **source:** APHIS. **other id:** Grif 5798. **source:** S-9. **group:** Grif. **other id:** Q 28959. Cutting.

PI 576137 **origin:** Israel. **other id:** BE04018. **source:** APHIS. **other id:** Grif 5799. **source:** S-9. **group:** Grif. **other id:** Q 28960. Cutting.

PI 576138 to 576140. *Paspalum vaginatum* Swartz POACEAE

remarks: Received through R. Pettman, USDA-ARS, Southern Regional Plant Introduction Station, Griffin, Ga. Received June 17, 1992.

PI 576138 **origin:** Brazil. **other id:** BE-4102. **source:** APHIS. **other id:** Grif 5803. **source:** S-9. **group:** Grif. **other id:** Q 29193. Plant.

PI 576139 **origin:** Brazil. **other id:** BE-4102. **source:** APHIS. **other id:** Grif 5804. **source:** S-9. **group:** Grif. **other id:** Q 29194. Plant.

PI 576138 to 576140-continued

PI 576140 **origin:** Brazil. **other id:** BE-4102. **source:** APHIS.
other id: Grif 5805. **source:** S-9. **group:** Grif. **other id:** Q 29195. **Plant.**

PI 576141. Pennisetum hybrid POACEAE Elephant grass

Donated by: Utiara S/A AGRO INDUSTRIA E COMERCIO, Av. Da Francia 164-120, Andar Comercio Building 003, Rm. 409, Salvador, Bahia 40010, Brazil. **remarks:** Received through Dr. George White, USDA-ARS-PIO. Received June 08, 1992.

origin: Brazil. **pedigree:** Pennisetum purpureum/ Paspalum macrophilum. **local name:** Variety Gramafante. **other id:** BE-4111. **source:** APHIS. **other id:** Grif 5800. **source:** S-9. **group:** Grif. **other id:** Q 29158.

PI 576142 to 576143. Pisum sativum L. FABACEAE Pea

Donated by: Rogers NK Seed Company, United States. Received December 14, 1993.

PI 576142 **origin:** United States. **origin institute:** Rogers NK Seed Company United States. **cultivar:** HP185-5-71. **other id:** PVP 9400005. **source:** Pending. **group:** PVPO. **patent:** PVPO. **Cultivar.** Seed.

PI 576143 **origin:** United States. **origin institute:** Rogers NK Seed Company United States. **cultivar:** HP779-3-1. **other id:** PVP 9400006. **source:** Pending. **group:** PVPO. **patent:** PVPO. **Cultivar.** Seed.

PI 576144. Paspalum atratum Swallen POACEAE Atra paspalum

Donated by: Florida Agr. Exp. Sta., University of Florida, Florida, United States. Received December 14, 1993.

origin: United States. **origin institute:** Florida Agr. Exp. Sta., University of Florida, Florida United States. **cultivar:** SUERTE. **other id:** PVP 9400007. **source:** Pending. **group:** PVPO. **patent:** PVPO. **Cultivar.** Seed.

PI 576145 to 576146. Glycine max (L.) Merr. FABACEAE Soybean

Donated by: Ohio Agric. Res. & Development Center, Ohio State University Res. Foundation, Ohio, United States. Received December 14, 1993.

PI 576145 to 576146-continued

PI 576145 **origin:** United States. **origin institute:** Ohio Agric. Res. & Development Center, Ohio State University Res. Foundation, Ohio United States. **cultivar:** SANDUSKY. **other id:** PVP 9400008. **source:** Pending. **group:** PVPO. **patent:** PVPO. Cultivar. Seed.

PI 576146 **origin:** United States. **origin institute:** Ohio Agric. Res. & Development Center, Ohio State University Res. Foundation, Ohio United States. **cultivar:** VERTEX. **other id:** PVP 9400009. **source:** Pending. **group:** PVPO. **patent:** PVPO. Cultivar. Seed.

PI 576147. *Poa pratensis* L. POACEAE Kentucky bluegrass

Donated by: Seed Research of Oregon, Inc., Oregon, United States. Received December 14, 1993.

origin: United States. **origin institute:** Seed Research of Oregon, Inc., Oregon United States. **cultivar:** SR 2100. **other id:** PVP 9400010. **source:** Pending. **group:** PVPO. **patent:** PVPO. Cultivar. Seed.

PI 576148. *Pisum sativum* L. FABACEAE Pea

Donated by: Rogers NK Seed Company, United States. Received December 14, 1993.

origin: United States. **origin institute:** Rogers NK Seed Company United States. **cultivar:** HP778-5-1. **other id:** PVP 9400011. **source:** Pending. **group:** PVPO. **patent:** PVPO. Cultivar. Seed.

PI 576149. *Glycine max* (L.) Merr. FABACEAE Soybean

Donated by: Northrup King Company, United States. Received December 14, 1993.

origin: United States. **origin institute:** Northrup King Company United States. **cultivar:** S75-55. **other id:** PVP 9400012. **source:** Pending. **group:** PVPO. **patent:** PVPO. Cultivar. Seed.

PI 576150. *Prunus persica* (L.) Batsch ROSACEAE Peach

Donated by: South Carolina Agr. Exp. Sta., USDA-ARS, Clemson University, South Carolina, United States. Received December 14, 1993.

PI 576150-continued

origin: United States. **origin institute:** South Carolina Agr. Exp. Sta., South Carolina United States. **cultivar:** BY520-9. **other id:** PVP 9400013. **source:** Pending. **group:** PVPO. **patent:** PVPO. Cultivar. Seed.

PI 576151. *Triticum aestivum* L., nom. cons. POACEAE Common wheat

Donated by: Texas Agr. Exp. Sta., Texas, United States. Received December 14, 1993.

origin: United States. **origin institute:** Texas Agr. Exp. Sta., Texas United States. **cultivar:** TAM 300. **other id:** PVP 9400014. **source:** Pending. **group:** PVPO. **patent:** PVPO. Cultivar. Seed.

PI 576152. *Agrostis stolonifera* var. *palustris* (Hudson) Farw. POACEAE Creeping bentgrass

Donated by: Texas Agr. Exp. Sta., Texas, United States. Received December 14, 1993.

origin: United States. **origin institute:** Texas Agr. Exp. Sta., Texas United States. **cultivar:** CRENSHAW. **other id:** PVP 9400015. **source:** Pending. **group:** PVPO. **patent:** PVPO. Cultivar. Seed.

PI 576153. *Dactylis glomerata* L. POACEAE Orchardgrass

Donated by: Ag Tech, Inc., United States. Received December 14, 1993.

origin: United States. **origin institute:** Ag Tech, Inc. United States. **cultivar:** Pro-Gress. **other id:** PVP 9400016. **source:** Pending. **group:** PVPO. **patent:** PVPO. Cultivar. Seed.

PI 576154. *Glycine max* (L.) Merr. FABACEAE Soybean

Donated by: Boerma, H.R., Georgia Agr. Exp. Sta., University of Georgia, Athens, Georgia 30602, United States. **remarks:** DOLES SOYBEAN. Received December 14, 1993.

origin: United States. **developed:** H.R. Boerma, R.S. Hussey, D.V. Phillips, E.D. Wood, S.L. Finnerty. **origin institute:** Georgia Agr. Exp. Sta., University of Georgia, Dept. of Crop and Soil Sciences, Athens, Georgia 30602 United States. **cultivar:** DOLES. **pedigree:** Derived from F5 plant from D74-7744 X Young. D74-7741 is a breeding line selected from Forrest/D70-3001. D70-3001 is a breeding line from the same cross as Centennial. **other id:** PVP 9400018. **source:** Pending. **group:** PVPO. **other id:** CV-321. **group:** CSR-SOYBEAN. **restricted:** CSR. **patent:** PVPO. **remarks:** Maturity Group VI. Growth habit determinate. Flowers white. Pubescence tawny. Pod walls tan. Seeds yellow, shiny seed coats & black hila. Resistant to southern biotype of stem canker (*Diaporthe phaseolorum*) & bacterial pustule (*Xanthomonas campestris*). Resist. to southern (*Meloidogyne incognita*) & javanese (*M. javanica*) root-knot nematodes (9). Susceptible to peanut (*M. arenaria*) root-knot nematode. Resistant to all known races of frog-eye leaf spot (*Cercospora sojina*), race 3 of soybean cyst nematode (*Heterodera glycines*), & G1 strain of soybean mosaic virus. Spring Annual. Cultivar. Seed.

PI 576155. *Glycine max* (L.) Merr. FABACEAE Soybean

Donated by: Georgia Agr. Exp. Sta., Georgia, United States.
Received December 14, 1993.

origin: United States. **origin institute:** Univ. of Georgia Res. Foundation, Inc., Georgia United States. **cultivar:** HY 798. **other id:** PVP 9400020. **source:** Pending. **group:** PVPO. **patent:** PVPO. Cultivar. Seed.

PI 576156 to 576157. *Zoysia japonica* Steudel POACEAE Zoysia

Donated by: Patten Seed Company, United States. Received December 14, 1993.

PI 576156 **origin:** United States. **origin institute:** Patten Seed Company United States. **cultivar:** COMPATABILITY. **other id:** PVP 9400021. **source:** Pending. **group:** PVPO. **patent:** PVPO. Cultivar. Seed.

PI 576157 **origin:** United States. **origin institute:** Patten Seed Company United States. **cultivar:** ZENITH. **other id:** PVP 9400022. **source:** Pending. **group:** PVPO. **patent:** PVPO. Cultivar. Seed.

PI 576158. X Triticosecale sp. POACEAE Triticale

Donated by: Resource Seeds, Inc., United States. Received December 14, 1993.

origin: United States. **origin institute:** Resource Seeds, Inc. United States. **cultivar:** TRICAL 6600. **other id:** PVP 9400023. **source:** Pending. **group:** PVPO. **patent:** PVPO. Cultivar. Seed.

PI 576159. Lolium perenne L. POACEAE Perennial ryegrass

Donated by: Seed Research of Oregon, Inc., Oregon, United States. Received December 14, 1993.

origin: United States. **origin institute:** Seed Research of Oregon, Inc., Oregon United States. **cultivar:** SR 4300. **other id:** PVP 9400024. **source:** Pending. **group:** PVPO. **patent:** PVPO. Cultivar. Seed.

PI 576160 to 576166. Glycine max (L.) Merr. FABACEAE Soybean

Donated by: DEKALB Genetics Corporation, United States. Received December 14, 1993.

PI 576160 **origin:** United States. **origin institute:** DEKALB Genetics Corporation United States. **cultivar:** CX335. **other id:** PVP 9400025. **source:** Pending. **group:** PVPO. **patent:** PVPO. Cultivar. Seed.

PI 576161 **origin:** United States. **origin institute:** DEKALB Genetics Corporation United States. **cultivar:** CX394c. **other id:** PVP 9400026. **source:** Pending. **group:** PVPO. **patent:** PVPO. Cultivar. Seed.

PI 576162 **origin:** United States. **origin institute:** DEKALB Genetics Corporation United States. **cultivar:** CX434. **other id:** PVP 9400027. **source:** Pending. **group:** PVPO. **patent:** PVPO. Cultivar. Seed.

PI 576163 **origin:** United States. **origin institute:** DEKALB Genetics Corporation United States. **cultivar:** CX232. **other id:** PVP 9400028. **source:** Pending. **group:** PVPO. **patent:** PVPO. Cultivar. Seed.

PI 576164 **origin:** United States. **origin institute:** DEKALB Genetics Corporation United States. **cultivar:** CX313. **other id:** PVP 9400029. **source:** Pending. **group:** PVPO. **patent:** PVPO. Cultivar. Seed.

PI 576160 to 576166-continued

PI 576165 **origin:** United States. **origin institute:** DEKALB Genetics Corporation United States. **cultivar:** CX314. **other id:** PVP 9400030. **source:** Pending. **group:** PVPO. **patent:** PVPO. Cultivar. Seed.

PI 576166 **origin:** United States. **origin institute:** DEKALB Genetics Corporation United States. **cultivar:** CX411. **other id:** PVP 9400031. **source:** Pending. **group:** PVPO. **patent:** PVPO. Cultivar. Seed.

PI 576167. *Phaseolus vulgaris* L. var. *vulgaris* FABACEAE Garden shell bean

Donated by: Harris Moran Seed Company, United States. Received December 14, 1993.

origin: United States. **origin institute:** Harris Moran Seed Company United States. **cultivar:** PROSPERITY. **other id:** PVP 9400032. **source:** Pending. **group:** PVPO. **patent:** PVPO. Cultivar. Seed.

PI 576168. *Triticum durum* Desf. POACEAE Durum wheat

Donated by: Arizona Plant Breeders, Inc., Arizona, United States. Received December 14, 1993.

origin: United States. **origin institute:** Arizona Plant Breeders, Inc., Arizona United States. **cultivar:** KRONOS. **other id:** PVP 9400033. **source:** Pending. **group:** PVPO. **patent:** PVPO. Cultivar. Seed.

PI 576169 to 576172. *Zea mays* L. subsp. *mays* POACEAE Field corn

Donated by: Holden's Foundation Seeds, Inc., United States. Received December 14, 1993.

PI 576169 **origin:** United States. **origin institute:** Holden's Foundation Seeds, Inc. United States. **cultivar:** LH168. **other id:** PVP 9400034. **source:** Pending. **group:** PVPO. **patent:** PVPO. Cultivar. Seed.

PI 576170 **origin:** United States. **origin institute:** Holden's Foundation Seeds, Inc. United States. **cultivar:** LH169. **other id:** PVP 9400035. **source:** Pending. **group:** PVPO. **patent:** PVPO. Cultivar. Seed.

PI 576169 to 576172-continued

PI 576171 **origin:** United States. **origin institute:** Holden's Foundation Seeds, Inc. United States. **cultivar:** LH185. **other id:** PVP 9400036. **source:** Pending. **group:** PVPO. **patent:** PVPO. Cultivar. Seed.

PI 576172 **origin:** United States. **origin institute:** Holden's Foundation Seeds, Inc. United States. **cultivar:** LH186. **other id:** PVP 9400037. **source:** Pending. **group:** PVPO. **patent:** PVPO. Cultivar. Seed.

PI 576173. *Orobancha lucorum* A. Br. ex Schultz OROBANCHACEAE Barley

Donated by: Arizona Plant Breeders, Inc., Arizona, United States. Received December 14, 1993.

* *Hordeum vulgare* L. subsp. *vulgare* POACEAE Barley
origin: United States. **origin institute:** Arizona Plant Breeders, Inc., Arizona United States. **cultivar:** MUCHO. **other id:** PVP 9400038. **source:** Pending. **group:** PVPO. **patent:** PVPO. Cultivar. Seed.

PI 576174 to 576175. *Gossypium barbadense* L. MALVACEAE Cotton

Donated by: Sally Vreseis Fox, United States. Received December 14, 1993.

PI 576174 **origin:** United States. **origin institute:** Sally Vreseis Fox United States. **cultivar:** BUFFALO. **other id:** PVP 9400039. **source:** Pending. **group:** PVPO. **patent:** PVPO. Cultivar. Seed.

PI 576175 **origin:** United States. **origin institute:** Sally Vreseis Fox United States. **cultivar:** PALO VERDE. **other id:** PVP 9400040. **source:** Pending. **group:** PVPO. **patent:** PVPO. Cultivar. Seed.

PI 576176. *Triticum aestivum* L., nom. cons. POACEAE Common wheat

Donated by: Terrel-Norris Seed Company, Inc., United States. Received December 14, 1993.

origin: United States. **origin institute:** Terral-Norris Seed Company, Inc. United States. **cultivar:** TERRAL 1011. **other id:** PVP 9400041. **source:** Pending. **group:** PVPO. **patent:** PVPO. Cultivar. Seed.

PI 576177. *Hordeum vulgare* L. subsp. *vulgare* POACEAE Barley

Donated by: Kibite, S., Lacombe Res. Sta.-Agriculture Canada, Bag Service 5000, Lacombe, Alberta TOC 1SO, Canada. **remarks:** AC LACOMBE BARLEY. Received December 16, 1993.

origin: Canada. **developed:** Solomon Kibite. **origin institute:** Lacombe Res. Sta.-Agriculture Canada, Bag Service 5000, Lacombe, Alberta TOC 1SO Canada. **cultivar:** AC LACOMBE. **pedigree:** Klondike//Galt/Unitan. **other id:** BT 634. **other id:** LAB-695-033. **other id:** CV-244. **group:** CSR-BARLEY. **restricted:** CSR. **remarks:** Six-rowed feed barley with high yield, medium maturity and good lodging resistance. Plant height intermediate (72cm) and high test weight (60kg hL-1), high kernel weight (41mg/kernel) and high % of plump kernels (>75%). Resistant to covered smut (*Ustilago hordei*), false loose smut (*U. nigra*) and pathotype Rpg1 of wheat stem rust (*Puccinia graminis*). Mod. resistant to pathotype pgt-QCC of wheat stem rust, and spot-type of net blotch (*Pyrenophora teres*). Mod. suscept. to net-type of net blotch (*P. teres*), common root rot, & scald. Suscept. to loose smut & speckled leaf blotch. Spring Annual. Cultivar. Seed.

PI 576178 to 576179. *Pascopyrum smithii* (Rydb.) A. Love POACEAE
Western wheatgrass

Donated by: Berdahl, J.D., USDA-ARS, P.O. Box 459, Mandan, North Dakota 58554, United States. Received December 16, 1993.

PI 576178 **origin:** United States. **cultivar:** ND-WWG931. **pedigree:** 5140 genotypes collected from 1028 sites in western North and South Dakota. Phenotypic recurrent selection imposed at intensities of 8 and 20% (i.e. 400 parents) in Cycles 0 and 1, respectively. **other id:** W6 14871. **group:** W6. **remarks:** Two cycles of phenotypic recurrent selection imposed for plant vigor, rhizomatous spread, density of foliage cover, and seed yield. Forage production equivalent to Flintlock and Walsh but less than Barton, Rodan, and Rosana. Seed head production equivalent to Walsh but less than Barton, Flintlock, Rodan, and Rosana. In vitro digestible organic matter averaged 658g kg-1 which was similar to Rosana and higher than Rodan or Barton. Perennial. Breeding Material. Seed.

PI 576178 to 576179-continued

PI 576179 **origin:** United States. **cultivar:** ND-WWG932. **pedigree:** 10 half-sib progeny from each of 468 parents collected from Alberta and Saskatchewan, Canada. One cycle of phenotypic selection imposed (selection intensity 5%) and 234 selected genotypes were intermated. **other id:** W6 14872. **group:** W6. **remarks:** One cycle of phenotypic recurrent selection for plant height, density of foliage cover, and rhizomatous spread at Mandan, ND. Plant vigor greater than Flintlock or Walsh, similar to ND-WWG931, and less than Barton, Rodan, or Rosana. Similar to ND-WWG931 for foliage density, however, its rate of rhizome production was 10% less. Matures four days earlier than ND-WWG931. Perennial. Breeding Material. Seed.

PI 576180. *Humulus lupulus* L. CANNABACEAE Hop

Donated by: Bakshi, S.K., Hops Project, Regional Research Lab., Sanat Nagar, Srinagar, Kashmir 190005, India. **remarks:** RRL(H)84 Hops Germplasm. Received December 21, 1993.

origin: India. **developed:** S.K. Bakshi, P.M. Jotshi, S. Kitchlu. **origin institute:** Hop Project, Regional Research Lab., Sanat Nagar, Srinagar, Kashmir 190005 India. **cultivar:** RRL(H)84. **pedigree:** Wild garden escape/open-pollinated seedling of Fuggle. **other id:** GP-33. **group:** CSR-HOP. **restricted:** CSR. **remarks:** Genotype selected on basis of morphological characteristics like growth, lateral (side-arm) development, and a characteristic hop aroma. Mature plant produces 2-2.5kg fresh hops per plant. Cones conical, 3.36cm in length with an average single cone fresh weight of 185mg. Bines deep purple color. Lateral development very profuse, length averages 80cm. Burr initiation (flowering) starts last week of June and crop is ready for harvest about 8 weeks later. Free from diseases and insect pests. Breeding Material. Cutting.

PI 576181 to 576287. *Zea mays* L. subsp. *mays* POACEAE Corn

Donated by: CIMMYT, Mexico City, Mexico. Received December 16, 1993.

PI 576181 **donor id:** CAMP 101. **origin:** Mexico. **local name:** Molcates. **other id:** CAMP 101. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** Escarcega, Ciudad Del Carmen, Campeche. **latitude:** 18 deg. 37 min. N. **longitude:** 090 deg. 44 min. W. **elevation:** 75m. Annual. Landrace. Seed.

PI 576181 to 576287-continued

- PI 576182 **donor id:** CAMP 165. **origin:** Mexico. **local name:** Grande. **other id:** CAMP 165. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** Campeche. **elevation:** 30m. Annual. Landrace. Seed.
- PI 576183 **donor id:** CAMP 167. **origin:** Mexico. **local name:** Yasohojoloch. **other id:** CAMP 167. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** Champoton, Campeche. **latitude:** 19 deg. 20 min. N. **longitude:** 090 deg. 43 min. W. **elevation:** 2m. Annual. Landrace. Seed.
- PI 576184 **donor id:** CHIH 118. **origin:** Mexico. **local name:** Viejito. **other id:** CHIH 118. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** Ej Guadalupe Victor., Janos, Chihuahua. **elevation:** 1470m. Annual. Landrace. Seed.
- PI 576185 **donor id:** CHIH 233. **origin:** Mexico. **local name:** Blando. **other id:** CHIH 233. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** Moris, Chihuahua. **elevation:** 950m. Annual. Landrace. Seed.
- PI 576186 **donor id:** CHIH 235. **origin:** Mexico. **local name:** Dulce. **other id:** CHIH 235. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** Moris, Chihuahua. **elevation:** 950m. Annual. Landrace. Seed.
- PI 576187 **donor id:** CHIH 250. **origin:** Mexico. **local name:** De Barranco. **other id:** CHIH 250. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** Dolores, Guadalupe Y Calvo, Chihuahua. **elevation:** 900m. Annual. Landrace. Seed.
- PI 576188 **donor id:** CHIH 262. **origin:** Mexico. **local name:** Tayahue. **other id:** CHIH 262. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** Camargo, Chihuahua. **latitude:** 27 deg. 42 min. N. **longitude:** 105 deg. 10 min. W. **elevation:** 1227m. Annual. Landrace. Seed.
- PI 576189 **donor id:** CHIH 271. **origin:** Mexico. **local name:** La Cruz. **other id:** CHIH 271. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** Cd Delicias, Delicias, Chihuahua. **latitude:** 28 deg. 11 min. N. **longitude:** 105 deg. 29 min. W. **elevation:** 1171m. Annual. Landrace. Seed.
- PI 576190 **donor id:** CHIH 272. **origin:** Mexico. **other id:** CHIH 272. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** Chihuahua. Annual. Landrace. Seed.

PI 576181 to 576287-continued

- PI 576191 **donor id:** CHIH 273. **origin:** Mexico. **other id:** CHIH 273. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** Chihuahua. Annual. Landrace. Seed.
- PI 576192 **donor id:** CHIH 276. **origin:** Mexico. **other id:** CHIH 276. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** Chihuahua. Annual. Landrace. Seed.
- PI 576193 **donor id:** CHIH 280. **origin:** Mexico. **local name:** Cuauhtemoc. **other id:** CHIH 280. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** Cuauhtemoc, Chihuahua. **latitude:** 28 deg. 15 min. N. **longitude:** 106 deg. 50 min. W. **elevation:** 2210m. Annual. Landrace. Seed.
- PI 576194 **donor id:** CHIH 288. **origin:** Mexico. **local name:** Chihuahua. **other id:** CHIH 288. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** Chihuahua. Annual. Landrace. Seed.
- PI 576195 **donor id:** CHIH 291. **origin:** Mexico. **local name:** Sunu Rosoli. **other id:** CHIH 291. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** Region Tarahumara, Chihuahua. Annual. Landrace. Seed.
- PI 576196 **donor id:** CHIH 296. **origin:** Mexico. **local name:** Shunu Rosari. **other id:** CHIH 296. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** Region Tarahumara, Chihuahua. Annual. Landrace. Seed.
- PI 576197 **donor id:** CHIH 304. **origin:** Mexico. **local name:** Olote. **other id:** CHIH 304. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** Colonia Nicolas Brav, Madera, Chihuahua. Annual. Landrace. Seed.
- PI 576198 **donor id:** CHIH 307. **origin:** Mexico. **local name:** Olote. **other id:** CHIH 307. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** La Martha, Gomez Farias, Chihuahua. Annual. Landrace. Seed.
- PI 576199 **donor id:** CHIH 330. **origin:** Mexico. **local name:** Catarineno. **other id:** CHIH 330. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** S.Miguel De Achondo, General Trias, Chihuahua. Annual. Landrace. Seed.
- PI 576200 **donor id:** CHIH 332. **origin:** Mexico. **local name:** Catarineno. **other id:** CHIH 332. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** Chamizal, Satevo, Chihuahua. **elevation:** 1367m. Annual. Landrace. Seed.

PI 576181 to 576287-continued

- PI 576201 **donor id:** CHIH 343. **origin:** Mexico. **local name:** Chihuahua. **other id:** CHIH 343. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** S.Francisco De Borja, Chihuahua. Annual. Landrace. Seed.
- PI 576202 **donor id:** CHIS 106. **origin:** Mexico. **local name:** Zapaluta. **other id:** CHIS 106. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** Col Hidalgo, Escuintla, Chiapas. **elevation:** 100m. Annual. Landrace. Seed.
- PI 576203 **donor id:** CHIS 115. **origin:** Mexico. **other id:** CHIS 115. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** Chiapas. Annual. Landrace. Seed.
- PI 576204 **donor id:** CHIS 129. **origin:** Mexico. **other id:** CHIS 129. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** Finca Morelia, Las Margaritas, Chiapas. **elevation:** 1400m. Annual. Landrace. Seed.
- PI 576205 **donor id:** CHIS 142. **origin:** Mexico. **other id:** CHIS 142. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** San Carlos, Altamirano, Chiapas. **latitude:** 16 deg. 46 min. N. **longitude:** 092 deg. 46 min. W. **elevation:** 1100m. Annual. Landrace. Seed.
- PI 576206 **donor id:** CHIS 150. **origin:** Mexico. **other id:** CHIS 150. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** Juncana, La Trinitaria, Chiapas. **elevation:** 1400m. Annual. Landrace. Seed.
- PI 576207 **donor id:** CHIS 155. **origin:** Mexico. **other id:** CHIS 155. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** Zapaluta, La Trinitaria, Chiapas. **latitude:** 16 deg. 08 min. N. **longitude:** 092 deg. 08 min. W. **elevation:** 1604m. Annual. Landrace. Seed.
- PI 576208 **donor id:** CHIS 156. **origin:** Mexico. **other id:** CHIS 156. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** Zapaluta, La Trinitaria, Chiapas. **latitude:** 16 deg. 08 min. N. **longitude:** 092 deg. 08 min. W. **elevation:** 1604m. Annual. Landrace. Seed.
- PI 576209 **donor id:** CHIS 166. **origin:** Mexico. **local name:** Elotillo. **other id:** CHIS 166. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** Zapotal, Frontera Comalapa, Chiapas. **elevation:** 500m. Annual. Landrace. Seed.

PI 576181 to 576287-continued

- PI 576210 **donor id:** CHIS 171. **origin:** Mexico. **local name:** Chiquihua. **other id:** CHIS 171. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** Mazapa, Mazapa De Madero, Chiapas. **elevation:** 1000m. Annual. Landrace. Seed.
- PI 576211 **donor id:** CHIS 197. **origin:** Mexico. **local name:** Siete Hojas. **other id:** CHIS 197. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** Bejucal De Ocampo, Chiapas. **elevation:** 1960m. Annual. Landrace. Seed.
- PI 576212 **donor id:** CHIS 212. **origin:** Mexico. **other id:** CHIS 212. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** Vergel Cerca A Morel, Chiapas. **elevation:** 1200m. Annual. Landrace. Seed.
- PI 576213 **donor id:** CHIS 213. **origin:** Mexico. **local name:** Comiteco. **other id:** CHIS 213. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** Motozintla, Chiapas. **latitude:** 15 deg. 21 min. N. **longitude:** 095 deg. 15 min. W. **elevation:** 1240m. Annual. Landrace. Seed.
- PI 576214 **donor id:** CHIS 228. **origin:** Mexico. **local name:** Tehua. **other id:** CHIS 228. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** Mazapa, Mazapa De Madero, Chiapas. **elevation:** 1000m. Annual. Landrace. Seed.
- PI 576215 **donor id:** CHIS 255. **origin:** Mexico. **other id:** CHIS 255. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** La Patria, La Independencia, Chiapas. Annual. Landrace. Seed.
- PI 576216 **donor id:** CHIS 264. **origin:** Mexico. **local name:** Chimbo. **other id:** CHIS 264. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** Colonia Aztlan, Chiapas. **elevation:** 700m. Annual. Landrace. Seed.
- PI 576217 **donor id:** CHIS 266. **origin:** Mexico. **local name:** Olotillo. **other id:** CHIS 266. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** Ejido El Suchiate, Suchiate, Chiapas. **latitude:** 14 deg. 41 min. N. **longitude:** 092 deg. 41 min. W. **elevation:** 22m. Annual. Landrace. Seed.
- PI 576218 **donor id:** CHIS 300. **origin:** Mexico. **local name:** Grueso Teopisca. **other id:** CHIS 300. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** Teopisca, Chiapas. Annual. Landrace. Seed.

PI 576181 to 576287-continued

- PI 576219 **donor id:** CHIS 316. **origin:** Mexico. **local name:** Jarocho. **other id:** CHIS 316. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** Tapachula, Chiapas. **latitude:** 14 deg. 55 min. N. **longitude:** 092 deg. 15 min. W. **elevation:** 137m. Annual. Landrace. Seed.
- PI 576220 **donor id:** CHIS 342. **origin:** Mexico. **local name:** Amarillo. **other id:** CHIS 342. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** Juncana, La Trinitaria, Chiapas. **elevation:** 1490m. Annual. Landrace. Seed.
- PI 576221 **donor id:** CHIS 352. **origin:** Mexico. **local name:** Blanco. **other id:** CHIS 352. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** Ejido Santa Rita, La Trinitaria, Chiapas. **elevation:** 1530m. Annual. Landrace. Seed.
- PI 576222 **donor id:** CHIS 359. **origin:** Mexico. **local name:** Conejo. **other id:** CHIS 359. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** Ejido Sinaloa, Frontera Comalapa, Chiapas. **elevation:** 580m. Annual. Landrace. Seed.
- PI 576223 **donor id:** CHIS 360. **origin:** Mexico. **local name:** Mapalu. **other id:** CHIS 360. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** Ejido Sinaloa, Frontera Comalapa, Chiapas. **elevation:** 580m. Annual. Landrace. Seed.
- PI 576224 **donor id:** CHIS 361. **origin:** Mexico. **local name:** Amarillo. **other id:** CHIS 361. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** Ejido Sinaloa, Frontera Comalapa, Chiapas. **elevation:** 580m. Annual. Landrace. Seed.
- PI 576225 **donor id:** CHIS 388. **origin:** Mexico. **local name:** Siete Hojas. **other id:** CHIS 388. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** Comalapa, Frontera Comalapa, Chiapas. **elevation:** 700m. Annual. Landrace. Seed.
- PI 576226 **donor id:** CHIS 420. **origin:** Mexico. **local name:** Morado. **other id:** CHIS 420. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** Venustiano Carranza, Chiapas. **latitude:** 16 deg. 20 min. N. **longitude:** 093 deg. 16 min. W. **elevation:** 840m. Annual. Landrace. Seed.

PI 576181 to 576287-continued

- PI 576227 **donor id:** CHIS 421. **origin:** Mexico. **local name:** Amarillo. **other id:** CHIS 421. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** Venustiano Carranza, Chiapas. **latitude:** 16 deg. 20 min. N. **longitude:** 092 deg. 34 min. W. **elevation:** 840m. Annual. Landrace. Seed.
- PI 576228 **donor id:** CHIS 428. **origin:** Mexico. **local name:** Amarillo. **other id:** CHIS 428. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** Colonia Flores Magon, Venustiano Carranza, Chiapas. **elevation:** 485m. Annual. Landrace. Seed.
- PI 576229 **donor id:** CHIS 432. **origin:** Mexico. **local name:** Mapalu Amarillo. **other id:** CHIS 432. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** Colonia Flores Magon, Venustiano Carranza, Chiapas. **elevation:** 485m. Annual. Landrace. Seed.
- PI 576230 **donor id:** CHIS 439. **origin:** Mexico. **local name:** Mapalu. **other id:** CHIS 439. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** Totolapa, Venustiano Carranza, Chiapas. **latitude:** 16 deg. 37 min. N. **longitude:** 092 deg. 40 min. W. **elevation:** 690m. Annual. Landrace. Seed.
- PI 576231 **donor id:** CHIS 443. **origin:** Mexico. **local name:** Crespo. **other id:** CHIS 443. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** Totolapa, Chiapas. **latitude:** 16 deg. 37 min. N. **longitude:** 092 deg. 40 min. W. **elevation:** 690m. Annual. Landrace. Seed.
- PI 576232 **donor id:** CHIS 476. **origin:** Mexico. **local name:** Hibrido Amarillo. **other id:** CHIS 476. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** Colonia Dolores, Angel Albino Corzo, Chiapas. **elevation:** 690m. Annual. Landrace. Seed.
- PI 576233 **donor id:** CHIS 477. **origin:** Mexico. **local name:** Rocamex. **other id:** CHIS 477. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** Colonia Dolores, Angel Albino Corzo, Chiapas. **elevation:** 690m. Annual. Landrace. Seed.
- PI 576234 **donor id:** CHIS 508. **origin:** Mexico. **local name:** Jarocho. **other id:** CHIS 508. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** Villa Flores, Chiapas. **latitude:** 16 deg. 14 min. N. **longitude:** 093 deg. 16 min. W. **elevation:** 610m. Annual. Landrace. Seed.

PI 576181 to 576287-continued

- PI 576235 **donor id:** CHIS 539. **origin:** Mexico. **other id:** CHIS 539. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** Rio La Sombra, Cintalapa, Chiapas. **elevation:** 480m. Annual. Landrace. Seed.
- PI 576236 **donor id:** CHIS 547. **origin:** Mexico. **local name:** Olotillo Amar. **other id:** CHIS 547. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** El Paraje Ocozocuau., Ocozocuatla Espinos, Chiapas. **elevation:** 830m. Annual. Landrace. Seed.
- PI 576237 **donor id:** CHIS 550. **origin:** Mexico. **local name:** Mapalu Blanco. **other id:** CHIS 550. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** El Paraje Ocozocuau., Ocozocuatla, Chiapas. **latitude:** 16 deg. 46 min. N. **longitude:** 093 deg. 22 min. W. **elevation:** 830m. Annual. Landrace. Seed.
- PI 576238 **donor id:** CHIS 551. **origin:** Mexico. **other id:** CHIS 551. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** El Paraje Ocozocuau., Ocozocuatla Espinos, Chiapas. **latitude:** 16 deg. 46 min. N. **longitude:** 093 deg. 22 min. W. **elevation:** 830m. Annual. Landrace. Seed.
- PI 576239 **donor id:** CHIS 553. **origin:** Mexico. **local name:** Juchi. **other id:** CHIS 553. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** El Paraje Ocozocuau., Ocozocuatla Espinos, Chiapas. **elevation:** 830m. Annual. Landrace. Seed.
- PI 576240 **donor id:** CHIS 566. **origin:** Mexico. **local name:** Cuarentano Amar. **other id:** CHIS 566. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** Teran, Chiapas. **latitude:** 16 deg. 45 min. N. **longitude:** 093 deg. 45 min. W. **elevation:** 570m. Annual. Landrace. Seed.
- PI 576241 **donor id:** CHIS 568. **origin:** Mexico. **local name:** Rocamex. **other id:** CHIS 568. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** Teran, Chiapas. **latitude:** 16 deg. 45 min. N. **longitude:** 093 deg. 45 min. W. **elevation:** 570m. Annual. Landrace. Seed.
- PI 576242 **donor id:** CHIS 584. **origin:** Mexico. **local name:** Pinto. **other id:** CHIS 584. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** Copainala, Chiapas. **latitude:** 17 deg. 06 min. N. **longitude:** 093 deg. 12 min. W. **elevation:** 482m. Annual. Landrace. Seed.

PI 576181 to 576287-continued

- PI 576243 **donor id:** CHIS 599. **origin:** Mexico. **local name:** Olotillo. **other id:** CHIS 599. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** El Bosque, Chiapas. **elevation:** 1200m. Annual. Landrace. Seed.
- PI 576244 **donor id:** CHIS 600. **origin:** Mexico. **local name:** Canal Ishim. **other id:** CHIS 600. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** El Bosque, Chiapas. **elevation:** 1200m. Annual. Landrace. Seed.
- PI 576245 **donor id:** CHIS 629. **origin:** Mexico. **local name:** Olotillo Blanco. **other id:** CHIS 629. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** Col Veinte Noviembre, Tonalá, Chiapas. **elevation:** 50m. Annual. Landrace. Seed.
- PI 576246 **donor id:** CHIS 635. **origin:** Mexico. **local name:** Jarocho Y Morado. **other id:** CHIS 635. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** Escuintla, Chiapas. **latitude:** 15 deg. 19 min. N. **longitude:** 092 deg. 40 min. W. **elevation:** 50m. Annual. Landrace. Seed.
- PI 576247 **donor id:** CHIS 645. **origin:** Mexico. **local name:** Morado. **other id:** CHIS 645. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** Col S.Felipe Tizapan, Escuintla, Chiapas. **elevation:** 140m. Annual. Landrace. Seed.
- PI 576248 **donor id:** CHIS 669. **origin:** Mexico. **local name:** Opamil. **other id:** CHIS 669. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** Finca Candelaria, Arriaga, Chiapas. **elevation:** 680m. Annual. Landrace. Seed.
- PI 576249 **donor id:** CHIS 688. **origin:** Mexico. **local name:** Blanco. **other id:** CHIS 688. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** Chilil, Huistán, Chiapas. **elevation:** 2200m. Annual. Landrace. Seed.
- PI 576250 **donor id:** CHIS 697. **origin:** Mexico. **local name:** Canal Ishim. **other id:** CHIS 697. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** Paraje Nachig, Zinacantan, Chiapas. **elevation:** 2240m. Annual. Landrace. Seed.

PI 576181 to 576287-continued

- PI 576251 donor id: CHIS 715. origin: Mexico. local name: De Guia. other id: CHIS 715. source: Latin American Maize Project (LAMP) 1991. group: LAMP. locality: Copainala, Chiapas. latitude: 17 deg. 06 min. N. longitude: 093 deg. 12 min. W. elevation: 482m. Annual. Landrace. Seed.
- PI 576252 donor id: CHIS 722. origin: Mexico. local name: Hibrido. other id: CHIS 722. source: Latin American Maize Project (LAMP) 1991. group: LAMP. locality: Tecpatan, Chiapas. latitude: 17 deg. 08 min. N. longitude: 093 deg. 37 min. W. elevation: 480m. Annual. Landrace. Seed.
- PI 576253 donor id: CHIS 739. origin: Mexico. local name: Crema. other id: CHIS 739. source: Latin American Maize Project (LAMP) 1991. group: LAMP. locality: Veinte De Noviembre, Acala, Chiapas. latitude: 16 deg. 40 min. N. longitude: 092 deg. 50 min. W. elevation: 460m. Annual. Landrace. Seed.
- PI 576254 donor id: CHIS 757. origin: Mexico. local name: Olotillo Crema. other id: CHIS 757. source: Latin American Maize Project (LAMP) 1991. group: LAMP. locality: Nuevo Guerrero, Angel Albino Corzo, Chiapas. latitude: 15 deg. 52 min. N. longitude: 092 deg. 43 min. W. elevation: 667m. Annual. Landrace. Seed.
- PI 576255 donor id: CHIS 759. origin: Mexico. local name: Concordeno. other id: CHIS 759. source: Latin American Maize Project (LAMP) 1991. group: LAMP. locality: Nuevo Guerrero, Angel Albino Corzo, Chiapas. latitude: 15 deg. 52 min. N. longitude: 092 deg. 43 min. W. elevation: 666m. Annual. Landrace. Seed.
- PI 576256 donor id: CHIS 766. origin: Mexico. local name: Chimbo Blanco. other id: CHIS 766. source: Latin American Maize Project (LAMP) 1991. group: LAMP. locality: Villa Flores, Chiapas. latitude: 16 deg. 14 min. N. longitude: 093 deg. 16 min. W. elevation: 610m. Annual. Landrace. Seed.
- PI 576257 donor id: CHIS 767. origin: Mexico. local name: Poy Maiz. other id: CHIS 767. source: Latin American Maize Project (LAMP) 1991. group: LAMP. locality: 1 De Mayo, Angel Albino Corzo, Chiapas. latitude: 15 deg. 52 min. N. longitude: 092 deg. 43 min. W. elevation: 667m. Annual. Landrace. Seed.

PI 576181 to 576287-continued

- PI 576258 **donor id:** CHIS 775. **origin:** Mexico. **local name:** Jarocho. **other id:** CHIS 775. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** Villa Hidalgo, Villa Flores, Chiapas. **latitude:** 16 deg. 14 min. N. **longitude:** 093 deg. 16 min. W. **elevation:** 610m. Annual. Landrace. Seed.
- PI 576259 **donor id:** CHIS 788. **origin:** Mexico. **local name:** Zapalote. **other id:** CHIS 788. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** Nuevo Tenochtitlan, Cintalapa, Chiapas. **latitude:** 16 deg. 42 min. N. **longitude:** 093 deg. 43 min. W. **elevation:** 564m. Annual. Landrace. Seed.
- PI 576260 **donor id:** COAH 101. **origin:** Mexico. **local name:** Lagunero. **other id:** COAH 101. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** Francisco I Madero, Coahuila. Annual. Landrace. Seed.
- PI 576261 **donor id:** COAH 102. **origin:** Mexico. **local name:** Chojo. **other id:** COAH 102. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** Viesca, Coahuila. **latitude:** 25 deg. 21 min. N. **longitude:** 102 deg. 49 min. W. **elevation:** 1093m. Annual. Landrace. Seed.
- PI 576262 **donor id:** COAH 104. **origin:** Mexico. **local name:** Pepitilla. **other id:** COAH 104. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** Viesca, Coahuila. **latitude:** 25 deg. 21 min. N. **longitude:** 102 deg. 49 min. W. **elevation:** 1093m. Annual. Landrace. Seed.
- PI 576263 **donor id:** COAH 105. **origin:** Mexico. **other id:** COAH 105. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** Allende, Coahuila. **latitude:** 28 deg. 20 min. N. **longitude:** 100 deg. 51 min. W. **elevation:** 376m. Annual. Landrace. Seed.
- PI 576264 **donor id:** COAH 114. **origin:** Mexico. **local name:** Lagunero Tres M. **other id:** COAH 114. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** Saltillo, Coahuila. **latitude:** 25 deg. 25 min. N. **longitude:** 101 deg. 00 min. W. **elevation:** 1589m. Annual. Landrace. Seed.
- PI 576265 **donor id:** COAH 115. **origin:** Mexico. **other id:** COAH 115. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** Saltillo, Coahuila. Annual. Landrace. Seed.

PI 576181 to 576287-continued

- PI 576266 **donor id:** COAH 119. **origin:** Mexico. **other id:** COAH 119. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** Puente Negro, Sabinas, Coahuila. Annual. Landrace. Seed.
- PI 576267 **donor id:** MICH 126. **origin:** Mexico. **local name:** Mexicano. **other id:** MICH 126. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** Junto Rio Sn Carlos, Michoacan. Annual. Landrace. Seed.
- PI 576268 **donor id:** MICH 128. **origin:** Mexico. **local name:** Slp 21. **other id:** MICH 128. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** Michoacan. Annual. Landrace. Seed.
- PI 576269 **donor id:** MICH 186. **origin:** Mexico. **other id:** MICH 186. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** Huandacareo, Michoacan. **latitude:** 20 deg. 00 min. N. **longitude:** 101 deg. 16 min. W. **elevation:** 1885m. Annual. Landrace. Seed.
- PI 576270 **donor id:** MICH 189. **origin:** Mexico. **other id:** MICH 189. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** Tangamandapio, Michoacan. **latitude:** 19 deg. 58 min. N. **longitude:** 102 deg. 27 min. W. **elevation:** 1571m. Annual. Landrace. Seed.
- PI 576271 **donor id:** MICH 202. **origin:** Mexico. **local name:** Argentino. **other id:** MICH 202. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** Chauinda, Michoacan. **latitude:** 20 deg. 01 min. N. **longitude:** 102 deg. 29 min. W. **elevation:** 1475m. Annual. Landrace. Seed.
- PI 576272 **donor id:** MICH 221. **origin:** Mexico. **other id:** MICH 221. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** Uruapan, Michoacan. **latitude:** 19 deg. 25 min. N. **longitude:** 102 deg. 25 min. W. **elevation:** 1611m. Annual. Landrace. Seed.
- PI 576273 **donor id:** MICH 230. **origin:** Mexico. **other id:** MICH 230. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** Uruapan, Michoacan. **latitude:** 19 deg. 25 min. N. **longitude:** 102 deg. 25 min. W. **elevation:** 1611m. Annual. Landrace. Seed.
- PI 576274 **donor id:** MICH 237. **origin:** Mexico. **other id:** MICH 237. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** Nuevo Urecho, Michoacan. **latitude:** 19 deg. 09 min. N. **longitude:** 101 deg. 53 min. W. **elevation:** 1880m. Annual. Landrace. Seed.

PI 576181 to 576287-continued

- PI 576275 **donor id:** MICH 263. **origin:** Mexico. **other id:** MICH 263. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** Salitre De M, Michoacan. **Annual.** Landrace. **Seed.**
- PI 576276 **donor id:** MICH 265. **origin:** Mexico. **other id:** MICH 265. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** Nuevo Urecho, Michoacan. **latitude:** 19 deg. 09 min. N. **longitude:** 101 deg. 53 min. W. **elevation:** 1880m. **Annual.** Landrace. **Seed.**
- PI 576277 **donor id:** MICH 306. **origin:** Mexico. **other id:** MICH 306. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** Iramuco, Michoacan. **Annual.** Landrace. **Seed.**
- PI 576278 **donor id:** MICH 316. **origin:** Mexico. **other id:** MICH 316. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** Sn Antonio De La Vin, Tacambaro, Michoacan. **latitude:** 19 deg. 14 min. N. **longitude:** 101 deg. 28 min. W. **elevation:** 2160m. **Annual.** Landrace. **Seed.**
- PI 576279 **donor id:** MICH 346. **origin:** Mexico. **local name:** Uruapeno. **other id:** MICH 346. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** Los Parajes, Los Reyes, Michoacan. **latitude:** 19 deg. 35 min. N. **longitude:** 102 deg. 28 min. W. **elevation:** 1780m. **Annual.** Landrace. **Seed.**
- PI 576280 **donor id:** MICH 420. **origin:** Mexico. **other id:** MICH 420. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** Com San Gregorio, Villa Escalante, Michoacan. **latitude:** 19 deg. 25 min. N. **longitude:** 101 deg. 33 min. W. **Annual.** Landrace. **Seed.**
- PI 576281 **donor id:** MICH 424. **origin:** Mexico. **other id:** MICH 424. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** El Zapote, Patzcuaro, Michoacan. **latitude:** 19 deg. 30 min. N. **longitude:** 101 deg. 36 min. W. **Annual.** Landrace. **Seed.**
- PI 576282 **donor id:** MICH 425. **origin:** Mexico. **other id:** MICH 425. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** Los Ates, Ario De Rosales, Michoacan. **latitude:** 19 deg. 12 min. N. **longitude:** 101 deg. 42 min. W. **Annual.** Landrace. **Seed.**

PI 576181 to 576287-continued

- PI 576283 **donor id:** MICH 432. **origin:** Mexico. **other id:** MICH 432. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** Los Negros, Ario De Rosales, Michoacan. **latitude:** 19 deg. 14 min. N. **longitude:** 101 deg. 47 min. W. Annual. Landrace. Seed.
- PI 576284 **donor id:** MICH 433. **origin:** Mexico. **other id:** MICH 433. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** Ejido Agua Verde, Villa Escalante, Michoacan. **latitude:** 19 deg. 25 min. N. **longitude:** 101 deg. 44 min. W. Annual. Landrace. Seed.
- PI 576285 **donor id:** MICH 508. **origin:** Mexico. **local name:** Criollo Temporal. **other id:** MICH 508. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** Cuto De La Esperanza, Morelia, Michoacan. **latitude:** 19 deg. 44 min. N. **longitude:** 101 deg. 21 min. W. **elevation:** 2060m. Annual. Landrace. Seed.
- PI 576286 **donor id:** TLAX 135. **origin:** Mexico. **local name:** Criollo Blanco. **other id:** TLAX 135. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** San Lucas Tecopilco, Xaltocan, Tlaxcala. **latitude:** 19 deg. 29 min. N. **longitude:** 098 deg. 15 min. W. Annual. Landrace. Seed.
- PI 576287 **donor id:** TLAX 238. **origin:** Mexico. **local name:** Criollo Azul. **other id:** TLAX 238. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** Tenancingo, Tlaxcala. **latitude:** 19 deg. 08 min. N. **longitude:** 098 deg. 12 min. W. **elevation:** 2281m. Annual. Landrace. Seed.

PI 576288 to 576289. *Zea mays* L. subsp. *mays* POACEAE Corn

Donated by: Paratori, B.O., Inst. de Invest. Agropecuarias, Estacion Experimental La Platina, Santiago, Chile. Received December 16, 1993.

- PI 576288 **donor id:** CH ZM 01 027. **origin:** Chile. **local name:** Chulpe. **collected:** April 12, 1982. **other id:** CHZM01 027. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** Mamina, Tarapaca. **latitude:** 20 deg. S. **longitude:** 069 deg. W. **elevation:** 2700m. Annual. Landrace. Seed.

PI 576288 to 576289-continued

PI 576289 **donor id:** CH ZM 01 037. **origin:** Chile. **local name:** Maiz Chiflaya. **collected:** April 12, 1982. **other id:** CHZM01 037. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **locality:** Parca, Tarapaca. **latitude:** 20 deg. S. **longitude:** 069 deg. W. **elevation:** 2600m. Annual. Landrace. Seed.

PI 576290. *Zea mays* L. subsp. *mays* POACEAE Corn

Donated by: CIMMYT, Mexico City, Mexico. Received December 16, 1993.

donor id: ANT 573. **origin:** Colombia. **collected:** February 04, 1985. **collector:** J. Arroyave. **other id:** ANT 573. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **other id:** Antioquia 573. **group:** ICA. **locality:** El Roble, S. Pedro -El Espinal, Antioquia. **elevation:** 2800m. Annual. Landrace. Seed.

PI 576291 to 576316. *Zea mays* L. subsp. *mays* POACEAE Corn

Donated by: Programa Maiz Y Sorgo, Inst. Colombiano Agropecuario (ICA), Medellin, Antioquia, Colombia. Received December 21, 1993.

PI 576291 **donor id:** BOY 518. **origin:** Colombia. **local name:** Tipico Cacao. **collected:** February 01, 1979. **collector:** M. Torregroza. **other id:** BOY518. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **other id:** Boyaca 518. **group:** ICA. **locality:** Berlin, Duitama, Boyaca. **latitude:** 03 deg. N. **longitude:** 009 deg. W. **elevation:** 2560m. Annual. Landrace. Seed.

PI 576292 **donor id:** BOY 520. **origin:** Colombia. **local name:** Tipico Cacao. **collected:** February 01, 1979. **collector:** M. Torregroza. **other id:** BOY520. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **other id:** Boyaca 520. **group:** ICA. **locality:** Berlin, Duitama, Boyaca. **latitude:** 03 deg. N. **longitude:** 009 deg. W. **elevation:** 2560m. Annual. Landrace. Seed.

PI 576293 **donor id:** BOY 526. **origin:** Colombia. **local name:** Tipico Cacao. **collected:** February 01, 1979. **collector:** M. Torregroza. **other id:** BOY526. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **other id:** Boyaca 526. **group:** ICA. **locality:** Berlin, Duitama, Boyaca. **latitude:** 03 deg. N. **longitude:** 009 deg. W. **elevation:** 2560m. Annual. Landrace. Seed.

PI 576291 to 576316-continued

- PI 576294 donor id: BOY 531. origin: Colombia. local name: Tipico Cacao. collected: February 01, 1979. collector: M.Torregroza. other id: BOY531. source: Latin American Maize Project (LAMP) 1991. group: LAMP. other id: Boyaca 531. group: ICA. locality: Berlin, Duitama, Boyaca. latitude: 03 deg. N. longitude: 009 deg. W. elevation: 2560m. Annual. Landrace. Seed.
- PI 576295 donor id: BOY 532. origin: Colombia. local name: Tipico Cacao. collected: February 01, 1979. collector: M.Torregroza. other id: BOY532. source: Latin American Maize Project (LAMP) 1991. group: LAMP. other id: Boyaca 532. group: ICA. locality: Berlin, Duitama, Boyaca. latitude: 03 deg. N. longitude: 009 deg. W. elevation: 2560m. Annual. Landrace. Seed.
- PI 576296 donor id: BOY 536. origin: Colombia. local name: Tipico Cacao. collected: February 01, 1979. collector: M.Torregroza. other id: BOY536. source: Latin American Maize Project (LAMP) 1991. group: LAMP. other id: Boyaca 536. group: ICA. locality: Berlin, Duitama, Boyaca. latitude: 03 deg. N. longitude: 009 deg. W. elevation: 2560m. Annual. Landrace. Seed.
- PI 576297 donor id: BOY 540. origin: Colombia. local name: Tipico Cacao. collected: February 01, 1979. collector: M.Torregroza. other id: BOY540. source: Latin American Maize Project (LAMP) 1991. group: LAMP. other id: Boyaca 540. group: ICA. locality: Berlin, Duitama, Boyaca. latitude: 03 deg. N. longitude: 009 deg. W. elevation: 2560m. Annual. Landrace. Seed.
- PI 576298 donor id: BOY 548. origin: Colombia. local name: Tipico Cacao. collected: March 01, 1979. collector: Carlos Diaz. other id: BOY548. source: Latin American Maize Project (LAMP) 1991. group: LAMP. other id: Boyaca 548. group: ICA. locality: Vasquez, Gusca, Boyaca. latitude: 03 deg. N. longitude: 011 deg. W. elevation: 2700m. Annual. Landrace. Seed.
- PI 576299 donor id: BOY 552. origin: Colombia. local name: Pira. collected: March 01, 1978. collector: Carlos Diaz. other id: BOY552. source: Latin American Maize Project (LAMP) 1991. group: LAMP. other id: Boyaca 552. group: ICA. locality: Vasquez, Gusca, Boyaca. latitude: 03 deg. N. longitude: 011 deg. W. elevation: 2700m. Annual. Landrace. Seed.

PI 576291 to 576316-continued

- PI 576300 **donor id:** BOY 553. **origin:** Colombia. **local name:** Pira. **collected:** March 01, 1978. **collector:** Carlos Diaz. **other id:** BOY553. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **other id:** Boyaca 553. **group:** ICA. **locality:** Vasquez, Gusca, Boyaca. **latitude:** 03 deg. N. **longitude:** 011 deg. W. **elevation:** 2700m. Annual. Landrace. Seed.
- PI 576301 **donor id:** CAU 466. **origin:** Colombia. **local name:** Clavo. **collected:** March 01, 1980. **collector:** M. Torregroza. **other id:** CAU466. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **other id:** Cauca 466. **group:** ICA. **locality:** La Palma, El Bordo-Guachicano, Cauca. **elevation:** 1100m. Annual. Landrace. Seed.
- PI 576302 **donor id:** CUN 353. **origin:** Colombia. **local name:** Arroz Blanco. **collector:** Victor M. Patino. **other id:** CUN353. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **other id:** Cundinamarca 353. **group:** ICA. **locality:** Guasca, Cundinamarca. **latitude:** 03 deg. N. **longitude:** 011 deg. W. **elevation:** 2720m. Annual. Landrace. Seed.
- PI 576303 **donor id:** CUN 566. **origin:** Colombia. **local name:** Canilla. **collected:** March 01, 1980. **collector:** Luis Valbuena. **other id:** CUN566. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **other id:** Cundinamarca 566. **group:** ICA. **locality:** Ortigal, La Palma, Cundinamarca. **latitude:** 08 deg. N. **longitude:** 002 deg. W. **elevation:** 1250m. Annual. Landrace. Seed.
- PI 576304 **donor id:** CUN 567. **origin:** Colombia. **local name:** Tipo Sabanero. **collected:** May 21, 1985. **collector:** M. Torregroza. **other id:** CUN567. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **other id:** Cundinamarca 567. **group:** ICA. **locality:** San Jose, Usme-Chiguaza, Cundinamarca. **elevation:** 2900m. Annual. Landrace. Seed.
- PI 576305 **donor id:** CUN 570. **origin:** Colombia. **local name:** Maiz Harinoso Dentado. **collected:** March 13, 1986. **collector:** M. Torregroza. **other id:** CUN570. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **other id:** Cundinamarca 570. **group:** ICA. **locality:** El Recuerdo, Viota, Cundinamarca. **elevation:** 650m. Annual. Landrace. Seed.

PI 576291 to 576316-continued

- PI 576306 **donor id:** CUN 573. **origin:** Colombia. **local name:** Sogamoceno. **collected:** March 13, 1986. **collector:** M.Torregroza. **other id:** CUN573. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **other id:** Cundinamarca 573. **group:** ICA. **locality:** San Ignacio, Taquira, Cundinamarca. **elevation:** 2510m. Annual. Landrace. Seed.
- PI 576307 **donor id:** CUN 574. **origin:** Colombia. **local name:** Porva. **collected:** March 13, 1986. **collector:** M.Torregroza. **other id:** CUN574. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **other id:** Cundinamarca 574. **group:** ICA. **locality:** Carmelitas, Taquira, Cundinamarca. **elevation:** 2520m. Annual. Landrace. Seed.
- PI 576308 **donor id:** CUN 576. **origin:** Colombia. **local name:** Arroz Chiquito. **collected:** December 30, 1986. **collector:** M.Torregroza. **other id:** CUN576. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **other id:** Cundinamarca 576. **group:** ICA. **locality:** San Jose, Pacho-San Miguel, Cundinamarca. **elevation:** 1450m. Annual. Landrace. Seed.
- PI 576309 **donor id:** NAR 628. **origin:** Colombia. **local name:** Maiz Comun (Tipo Morocho). **collected:** June 01, 1983. **collector:** Jaime Osorio B. Erazo. **other id:** NAR628. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **other id:** Narino 628. **group:** ICA. **locality:** Hoya Del Guaitara, El Tambo, Narino. **elevation:** 910m. Annual. Landrace. Seed.
- PI 576310 **donor id:** NAR 630. **origin:** Colombia. **local name:** Criollo. **collected:** June 30, 1983. **collector:** Jaime Osorio B. Erazo. **other id:** NAR630. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **other id:** Narino 630. **group:** ICA. **locality:** Hoya Del Guaitara, El Tambo, Narino. **elevation:** 910m. Annual. Landrace. Seed.
- PI 576311 **donor id:** SAN 356. **origin:** Colombia. **collected:** September 01, 1981. **collector:** J.Orozco Y Luis Lopez. **other id:** SAS404. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **other id:** Santander N. 356. **group:** ICA. **locality:** Bucaricica, Santander. **latitude:** 01 deg. N. **longitude:** 007 deg. W. **elevation:** 970m. Annual. Landrace. Seed.

PI 576291 to 576316-continued

- PI 576312 **donor id:** SAN 360. **origin:** Colombia. **local name:** Ganchi Azul. **collected:** March 06, 1985. **collector:** Cesar Villamizar. **other id:** SAN356. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **other id:** Santander N. 360. **group:** ICA. **locality:** Malaga, Norte De Santander. **elevation:** 2400m. Annual. Landrace. Seed.
- PI 576313 **donor id:** SAS 404. **origin:** Colombia. **local name:** Cuarentano O Coico Ama. **collected:** March 28, 1985. **collector:** Jairo Mendoza. **other id:** SAN360. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **other id:** Santander S. 404. **group:** ICA. **locality:** La Capilla, Mutiscua, Norte de Santander. **longitude:** 001 deg. W. **elevation:** 2700m. Annual. Landrace. Seed.
- PI 576314 **donor id:** SAN 361. **origin:** Colombia. **local name:** Blanco Duro. **collected:** March 28, 1985. **collector:** Jairo Medoza. **other id:** SAN361. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **other id:** Santander N. 361. **group:** ICA. **locality:** Los Ratones, Silos - Palomar, Norte de Santander. **longitude:** 001 deg. W. **elevation:** 2900m. Annual. Landrace. Seed.
- PI 576315 **donor id:** SAN 362. **origin:** Colombia. **local name:** Coico. **collected:** April 16, 1985. **other id:** SAN362. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **other id:** Santander N. 362. **group:** ICA. **locality:** Los Ratones, Silos - Palomar, Norte de Santander. **elevation:** 2900m. Annual. Landrace. Seed.
- PI 576316 **donor id:** SAN 363. **origin:** Colombia. **local name:** Bco. Regional. **collected:** April 16, 1985. **other id:** SAN363. **source:** Latin American Maize Project (LAMP) 1991. **group:** LAMP. **other id:** Santander N. 363. **group:** ICA. **locality:** El Helechal, Mutiscua- La Aradita, Norte de Santander. **elevation:** 2900m. Annual. Landrace. Seed.

PI 576317 to 576327. *Sorghum bicolor* (L.) Moench POACEAE Sorghum

Donated by: York, J.O., Arkansas Agr. Exp. Sta., University of Arkansas, Fayetteville, Arkansas 72701, United States. Received December 20, 1993.

PI 576317 to 576327-continued

- PI 576317 **origin:** United States. **cultivar:** B2AR3042. **pedigree:** B2 selection from S.A. 7770-3-3-4 S8 selection. **other id:** Schrock. **remarks:** 3-dwarf B2 line that is a maintainer for A2 cytoplasm. Grain brownish-pink pericarp, starchy mesocarp, brown testa, and black glumes. Plants have open head and plants and grain are schrock type. Genotype of pericarp and testa appears to be B1B1B2B2SSRRyyiizzTpTp. Plants average 91cm in height with 18cm head exertion and were in midflower in 68 days after emergence in Fayetteville, AR. Developing grain has resistance to the red-winged blackbird and brown-headed cowbird. Spring Annual. Breeding Material. Seed.
- PI 576318 **origin:** United States. **cultivar:** KITUI. **pedigree:** 1980 plant introduction from Kenya. **remarks:** Grain has white and chalky pericarp, a testa, and tan glumes. Head small and oval and stalk is dry. Plant averaged 226cm in height with a head exertion of 5cm and were in midflower in 49 days after a June 10 planting date in Fayetteville, Ar. Genotype of the pericarp and testa appears to be B1B1B2B2SSRRyyiizztp. Spring Annual. Cultivar. Seed.
- PI 576319 **origin:** United States. **cultivar:** R2AR3050. **pedigree:** (A2A32 x Darset6). **other id:** Darset. **remarks:** 3-dwarf line that restores pollen to A2 cytoplasm. Grain has pink-brown pericarp, starchy mesocarp, testa, and black glumes. Plants have compact head and plants and grain are similar to Darset. Genotype of the pericarp and testa appears to be B1B1B2B2SSRRyyiizzTpTp. Plants averaged 94cm in height with 10cm of head exertion and were in midflower 68 days after emergence in Fayetteville, AR. Spring Annual. Breeding Material. Seed.
- PI 576320 **origin:** United States. **cultivar:** B2AR3043. **pedigree:** S5 B2 selection from Tx2119 (Westland). **other id:** Westland. **remarks:** 3-dwarf line that maintains A2 cytoplasm. Grain has pink pericarp and starchy mesocarp, no testa, and black glumes. Plants have semiopen head and plants and grain are identical to Tx 2119 (Westland). The genotype of the pericarp and testa appears to be blblB2B2SSRRYYiizzTpTp. Plants average 97cm with 8cm of head exertion and were in midflower in 70 days after emergence in Fayetteville, AR. Same resistance as in Tx2119 (Westland). Spring Annual. Breeding Material. Seed.

- PI 576321 **origin:** United States. **cultivar:** MUREMBA. **pedigree:** 1980 plant introduction from Kenya. **remarks:** Plants averaged 239cm in height with a head exertion of 8cm. Head small and compact with the plant having a sweet stalk. Plants were in midflower in 56 days in Fayetteville, AR after a June 10 planting date. Grain has white and chalky pericarp, a testa, and reddish glumes. The genotype of pericarp and testa appears to be B1 B1 B2 B2 ssRRyyiizztptp. Spring Annual. Cultivar. Seed.
- PI 576322 **origin:** United States. **cultivar:** BAR3049. **pedigree:** (AR3001R x TAM2566) outcross. **remarks:** 3-dwarf line that maintains A cytoplasm. Grain has brownish color, testa, and mahogany glumes. Plants have semicompact head. Genotype of the pericarp and testa appears to be B1 B1 B2 B2 SSRRyyiizz. Plants average 102cm in height with 10cm of head exertion. Plants in midflower in 70 days in Fayetteville, AR. This is purple testa line that give high feeding efficiency with poultry when the R line is also a purple testa line. Spring Annual. Breeding Material. Seed.
- PI 576323 **origin:** United States. **cultivar:** BAR3044. **pedigree:** (KS 56 X AR3003) KS56, selfed 17 generations. **remarks:** 3-dwarf B line that maintains A cytoplasm. Grain has pink pericarp, thick or chalky mesocarp, no testa and black glumes. Plants have semiopen head and grain appears to have dull brownish color. Genotype of the pericarp and testa appears to be blblB2B2ssRRYYii zz. The dull-brownish may be result of chalky mesocarp (sszz). Plants average 94cm with 13cm of head emergence and were in midflower in 73 days after emergence in Fayetteville, AR. Spring Annual. Breeding Material. Seed.
- PI 576324 **origin:** United States. **cultivar:** BAR3045. **pedigree:** (KS57 X OK12), selfed 15 generations. **remarks:** 3-dwarf B line that maintains A cytoplasm. Grain has white pericarp, thick or chalky mesocarp, no testa and black glumes. Plants have compact head. Genotype of the pericarp and testa appears to be blblB2B2ssRRyyiizz. Plants average 94cm in height with 10cm of head exertion and were in midflower in 79 days after emergence at Fayetteville, AR. Spring Annual. Breeding Material. Seed.

PI 576317 to 576327-continued

- PI 576325 **origin:** United States. **cultivar:** BAR3046. **pedigree:** (KS57 X OK12), pollinated 16 generations. **remarks:** 3-dwarf B line that maintains A cytoplasm. Grain has white pericarp, thick mesocarp, no testa, and black glumes. Plants have compact head. Plants and grain are similar in appearance to OK12. Genotype of the pericarp and testa appears to be blblB2B2SSRRyyiizz. Plants average 91cm in height with 8cm of head exertion and were in midflower in 76 days after emergence in Fayetteville, AR. Spring Annual. Breeding Material. Seed.
- PI 576326 **origin:** United States. **cultivar:** BAR3047. **pedigree:** (KS47 X OK11), self-pollinated 16 generations. **remarks:** 3-dwarf B line that maintains A cytoplasm. Grain has white pericarp, starchy mesocarp, no testa, and black glumes. Plant has compact head. Grain similar in appearance to OK11. Genotype of the pericarp and testa appears to be bl bl B2 B2 SSRRYYiizz. Plant averaged 102cm in height with 10cm of head exertion and were in midflower in 74 days after emergence at Fayetteville, AR. Spring Annual. Breeding Material. Seed.
- PI 576327 **origin:** United States. **cultivar:** RAR3048. **pedigree:** Selected from IS 1140c Temp. Bulb, selfed 14 generations. **remarks:** 3-dwarf R line that restores A cytoplasm. Grain has yellow pericarp, no mesocarp, no testa, and mahogany glumes. Plants have oval and compact head. Genotype of pericarp and testa appears to be bl bl B2 B2 SSrryyiizz. Plants averaged 84cm in height with 5cm of head exertion and were in midflower in 85 days after emergence at Fayetteville, AR. Does not contain a testa but is extremely bird resistant under AR conditions. Greatest resistance to brown-headed cowbirds and red-winged blackbirds. Spring Annual. Breeding Material. Seed.

PI 576328 to 576437. Sorghum bicolor (L.) Moench POACEAE Sorghum

Donated by: Rosenow, D.T., Agriculture Research & Extension Center, Texas A&M University, Route 3, Box 219, Lubbock, Texas 79401-9757, United States. **remarks:** Cooperative Sorghum Conversion Program conducted by the Texas Agric. Exp. Station and the Mayaguez Tropical Agric. Res. Station, USDA-ARS. Designations include IS (World Collection No.), C (converted) and preconversion accession no. (SC), origin, other identifiers, local names or number. Received December 20, 1993.

PI 576328 to 576437-continued

- PI 576328 **donor id:** IS 121C. **origin:** Swaziland. **other id:** PI 154989 (preconverted). **other id:** MN 1471 (preconverted). **group:** MN. **other id:** P41 Hegari. **remarks:** Fertility reaction Restorer. Spring Annual. Breeding Material. Seed.
- PI 576329 **donor id:** IS 219C. **origin:** United States. **local name:** Carnahan Blackhull Kafir. **remarks:** Fertility reaction Maintainer. Spring Annual. Breeding Material. Seed.
- PI 576330 **donor id:** IS 1044C. **origin:** India. **other id:** IC 3528. **other id:** PJlK. **remarks:** Fertility reaction Restorer. Spring Annual. Breeding Material. Seed.
- PI 576331 **donor id:** IS 1186C. **origin:** India. **other id:** AS4290 Alangara. **remarks:** Fertility reaction Restorer. Spring Annual. Breeding Material. Seed.
- PI 576332 **donor id:** IS 1213C. **origin:** China. **other id:** AS5200. **remarks:** Fertility reaction Maintainer. Spring Annual. Breeding Material. Seed.
- PI 576333 **donor id:** IS 2225C. **origin:** United States. **other id:** Nebraska 6334. **remarks:** Fertility reaction Maintainer. Spring Annual. Breeding Material. Seed.
- PI 576334 **donor id:** IS 2510C. **origin:** Sudan. **local name:** Diil. **other id:** PI 152623 (preconverted). **other id:** MN 762 (preconverted). **group:** MN. **remarks:** Fertility reaction Restorer. Spring Annual. Breeding Material. Seed.
- PI 576335 **donor id:** IS 2615C. **origin:** Sudan. **local name:** Dari. **other id:** PI 152856 (preconverted). **other id:** MN 959 (preconverted). **group:** MN. **remarks:** Fertility reaction Partial Restorer. Spring Annual. Breeding Material. Seed.
- PI 576336 **donor id:** IS 2618C. **origin:** Sudan. **local name:** Kulum Brown. **other id:** PI 152862 (preconverted). **other id:** MN 965 (preconverted). **group:** MN. **remarks:** Fertility reaction Restorer. Spring Annual. Breeding Material. Seed.
- PI 576337 **donor id:** IS 2748C. **origin:** Uganda. **other id:** JG4 Bulk. **remarks:** Fertility reaction Maintainer. Spring Annual. Breeding Material. Seed.
- PI 576338 **donor id:** IS 2821C. **origin:** Zimbabwe. **other id:** 183/56. **locality:** Rhodesia. **remarks:** Tall bird resistant. Fertility reaction Maintainer. Spring Annual. Breeding Material. Seed.

PI 576328 to 576437-continued

- PI 576339 **donor id:** IS 2840C. **origin:** Zimbabwe. **other id:** Bathoen White 57/51. **locality:** Rhodesia. **remarks:** Fertility reaction Maintainer. Spring Annual. Breeding Material. Seed.
- PI 576340 **donor id:** IS 2856C. **origin:** South Africa. **local name:** Nkuli Swaziland. **other id:** AW/58/197DL/50/59. **remarks:** Fertility reaction Maintainer. Spring Annual. Breeding Material. Seed.
- PI 576341 **donor id:** IS 2868C. **origin:** South Africa. **local name:** Red Amber. **other id:** DL/59/1545. **remarks:** Fertility reaction Maintainer. Spring Annual. Breeding Material. Seed.
- PI 576342 **donor id:** IS 2872C. **origin:** Egypt. **other id:** FAO#8470. **other id:** Giza/59 S100. **remarks:** Fertility reaction Maintainer. Spring Annual. Breeding Material. Seed.
- PI 576343 **donor id:** IS 2904C. **origin:** Nigeria. **other id:** Kaura Group. **remarks:** Fertility reaction Maintainer. Spring Annual. Breeding Material. Seed.
- PI 576344 **donor id:** IS 2990C. **origin:** Ethiopia. **other id:** No. 57 Jimma Mkt. **remarks:** Fertility reaction Partial Restorer. Spring Annual. Breeding Material. Seed.
- PI 576345 **donor id:** IS 3138C. **origin:** South Africa. **other id:** DL/60/99. **remarks:** Fertility reaction Maintainer. Spring Annual. Breeding Material. Seed.
- PI 576346 **donor id:** IS 3155C. **origin:** South Africa. **local name:** Grester Lagus Trichard. **other id:** DL/60/113. **remarks:** Fertility reaction Restorer. Spring Annual. Breeding Material. Seed.
- PI 576347 **donor id:** IS 3196C. **origin:** United States. **other id:** KS 1044. **other id:** Purdue No. 81147-1. **remarks:** Fertility reaction Progeny segregate male sterile and male fertile. Spring Annual. Breeding Material. Seed.
- PI 576348 **donor id:** IS 3201C. **origin:** United States. **other id:** DKS 12044. **other id:** Purdue No. 81160-1. **remarks:** Fertility reaction Partial Restorer. Spring Annual. Breeding Material. Seed.
- PI 576349 **donor id:** IS 3212C. **origin:** United States. **other id:** JKS 1044. **other id:** Purdue No. 81186-2. **remarks:** Fertility reaction Restorer. Spring Annual. Breeding Material. Seed.

PI 576328 to 576437-continued

- PI 576350 **donor id:** IS 3340C. **origin:** United States. **other id:** Purdue No. 81535-2. **remarks:** Fertility reaction Restorer. Spring Annual. Breeding Material. Seed.
- PI 576351 **donor id:** IS 3389C. **origin:** China. **remarks:** Variety multieared. Fertility reaction Restorer. Spring Annual. Breeding Material. Seed.
- PI 576352 **donor id:** IS 3402C. **origin:** Botswana. **local name:** Marupantse. **remarks:** Fertility reaction Maintainer. Spring Annual. Breeding Material. Seed.
- PI 576353 **donor id:** IS 3511C. **origin:** Sudan. **other id:** Kirenigs 282. **remarks:** Fertility reaction Restorer. Spring Annual. Breeding Material. Seed.
- PI 576354 **donor id:** IS 3546C. **origin:** Sudan. **other id:** Rahmatella 241. **remarks:** Fertility reaction Restorer. Spring Annual. Breeding Material. Seed.
- PI 576355 **donor id:** IS 3568C. **origin:** Sudan. **other id:** Wad Yabis 293. **remarks:** Fertility reaction Restorer. Spring Annual. Breeding Material. Seed.
- PI 576356 **donor id:** IS 3587C. **origin:** Sudan. **local name:** Feterita Fulli. **remarks:** Fertility reaction Restorer. Spring Annual. Breeding Material. Seed.
- PI 576357 **donor id:** IS 3623C. **origin:** Nigeria. **local name:** Farin Kawa. **other id:** PL1133. **remarks:** Fertility reaction Restorer. Spring Annual. Breeding Material. Seed.
- PI 576358 **donor id:** IS 4822C. **origin:** India. **local name:** Dhandola. **remarks:** Fertility reaction Partial Restorer. Spring Annual. Breeding Material. Seed.
- PI 576359 **donor id:** IS 5037C. **origin:** India. **local name:** Butivori. **remarks:** Fertility reaction Maintainer. Spring Annual. Breeding Material. Seed.
- PI 576360 **donor id:** IS 4430C. **origin:** India. **local name:** Peela Amla, Sumra Khera. **remarks:** Fertility reaction Maintainer. Spring Annual. Breeding Material. Seed.
- PI 576361 **donor id:** IS 5066C. **origin:** India. **local name:** Patcha Jonna (yellow). **remarks:** Fertility reaction Restorer. Spring Annual. Breeding Material. Seed.
- PI 576362 **donor id:** IS 5146C. **origin:** India. **local name:** Pyru Pacchha Jonna, Kovuur. **remarks:** Fertility reaction Restorer. Spring Annual. Breeding Material. Seed.

PI 576328 to 576437-continued

- PI 576363 **donor id:** IS 5437C. **origin:** India. **local name:** Irungo Chalam. **remarks:** Fertility reaction Restorer. Spring Annual. Breeding Material. Seed.
- PI 576364 **donor id:** IS 6057C. **origin:** India. **local name:** Chari Uri. **remarks:** Fertility reaction Maintainer. Spring Annual. Breeding Material. Seed.
- PI 576365 **donor id:** IS 6153C. **origin:** India. **local name:** Jowar Wh. Phaphena. **remarks:** Fertility reaction Restorer. Spring Annual. Breeding Material. Seed.
- PI 576366 **donor id:** IS 6164C. **origin:** India. **local name:** Jowar Red Jankinagar. **remarks:** Fertility reaction Maintainer. Spring Annual. Breeding Material. Seed.
- PI 576367 **donor id:** IS 6330C. **origin:** India. **local name:** Kanjipura. **remarks:** Fertility reaction Maintainer. Spring Annual. Breeding Material. Seed.
- PI 576368 **donor id:** IS 6920C. **origin:** Sudan. **local name:** Wadi Bashir 1. **remarks:** Fertility reaction Restorer. Spring Annual. Breeding Material. Seed.
- PI 576369 **donor id:** IS 7098C. **origin:** Burkina Faso. **other id:** 201 SB1 6A. **remarks:** Fertility reaction Restorer. Spring Annual. Breeding Material. Seed.
- PI 576370 **donor id:** IS 7156C. **origin:** Zimbabwe. **other id:** 396 Kalafiki. **locality:** Rhodesia. **remarks:** Fertility reaction Restorer. Spring Annual. Breeding Material. Seed.
- PI 576371 **donor id:** IS 7243C. **origin:** Nigeria. **other id:** Sorghum 23. **remarks:** Fertility reaction Restorer. Spring Annual. Breeding Material. Seed.
- PI 576372 **donor id:** IS 8088C. **origin:** Japan. **other id:** 5233A-85. **remarks:** Fertility reaction Maintainer. Spring Annual. Breeding Material. Seed.
- PI 576373 **donor id:** IS 8120C. **origin:** Japan. **other id:** A-112-3. **remarks:** Fertility reaction Maintainer. Spring Annual. Breeding Material. Seed.
- PI 576374 **donor id:** IS 8264C. **origin:** India. **other id:** EC21464 STR5/2. **remarks:** Fertility reaction Restorer. Spring Annual. Breeding Material. Seed.

PI 576328 to 576437-continued

- PI 576375 **donor id:** IS 11443C. **origin:** Ethiopia. **other id:** PI 329707 (preconverted). **other id:** Col No. R-71. **remarks:** Fertility reaction Restorer. Spring Annual. Breeding Material. Seed.
- PI 576376 **donor id:** IS 11549C. **origin:** Ethiopia. **other id:** PI 329814 (preconverted). **other id:** Col No. R-214. **remarks:** Fertility reaction Restorer. Spring Annual. Breeding Material. Seed.
- PI 576377 **donor id:** IS 11624C. **origin:** Ethiopia. **local name:** Mashila. **other id:** PI 329902 (preconverted). **other id:** Col No. 335A. **remarks:** Fertility reaction Restorer. Spring Annual. Breeding Material. Seed.
- PI 576378 **donor id:** IS 11637C. **origin:** Ethiopia. **local name:** Mashila. **other id:** PI 329915 (preconverted). **other id:** Col No. 349A. **remarks:** Fertility Reaction Partial Restorer. Spring Annual. Breeding Material. Seed.
- PI 576379 **donor id:** IS 11792C. **origin:** Ethiopia. **local name:** Mashila. **other id:** PI 330070 (preconverted). **other id:** Col No. 392 (R-335). **remarks:** Fertility Reaction Restorer. Spring Annual. Breeding Material. Seed.
- PI 576380 **donor id:** IS 12156C. **origin:** Ethiopia. **local name:** Mashica. **other id:** PI 330872 (preconverted). **other id:** A-8979-B. **remarks:** Fertility Reaction Restorer. Spring Annual. Breeding Material. Seed.
- PI 576381 **donor id:** IS 12170C. **origin:** Ethiopia. **local name:** Mashica. **other id:** PI 330886 (preconverted). **other id:** Col No. P-609. **remarks:** Fertility Reaction Restorer. Spring Annual. Breeding Material. Seed.
- PI 576382 **donor id:** IS 12171C. **origin:** Ethiopia. **local name:** Mashica. **other id:** PI 330887 (preconverted). **other id:** Col. No. P-610. **remarks:** Fertility Reaction Restorer. Spring Annual. Breeding Material. Seed.
- PI 576383 **donor id:** IS 12604C. **origin:** Nigeria. **local name:** Uwarete. **other id:** PI 221651 (preconverted). **remarks:** Fertility Reaction Restorer. Spring Annual. Breeding Material. Seed.
- PI 576384 **donor id:** IS 17208C. **origin:** Nigeria. **other id:** Line 407. **remarks:** Fertility Reaction Restorer. Spring Annual. Breeding Material. Seed.
- PI 576385 **donor id:** IS 17209C. **origin:** Nigeria. **other id:** Line 410. **remarks:** Fertility Reaction Restorer. Spring Annual. Breeding Material. Seed.

PI 576328 to 576437-continued

- PI 576386 **donor id:** SC 970C. **origin:** Uganda. **other id:** PI 297117 (preconverted). **other id:** E-51. **remarks:** Fertility Reaction Restorer. Spring Annual. Breeding Material. Seed.
- PI 576387 **donor id:** SC 1056C. **origin:** Sudan. **local name:** Awanlek. **other id:** PI 152971 (preconverted). **other id:** MN 1060 (preconverted). **group:** MN. **remarks:** Fertility Reaction Restorer. Spring Annual. Breeding Material. Seed.
- PI 576388 **donor id:** IS 399C. **origin:** United States. Spring Annual. Breeding Material. Seed.
- PI 576389 **donor id:** IS 648C. **origin:** United States. **local name:** Collier. **other id:** FC2333. **remarks:** Fertility reaction Maintainer. Spring Annual. Breeding Material. Seed.
- PI 576390 **donor id:** IS 1105C. **origin:** India. **local name:** Kharuth Waragel. **other id:** PI 291213 (preconverted). **other id:** SA 1772 (preconverted). **remarks:** Fertility reaction Restorer. Spring Annual. Breeding Material. Seed.
- PI 576391 **donor id:** IS 1596C. **origin:** India. **local name:** K.1 Irungu cholam. **other id:** PI 291238 (preconverted). **remarks:** Fertility reaction Partial Restorer. Spring Annual. Breeding Material. Seed.
- PI 576392 **donor id:** IS 2454C. **origin:** South Africa. **local name:** Upondondhlovy. **other id:** PI 145636 (preconverted). **other id:** MN 428 (preconverted). **group:** MN. **remarks:** Fertility reaction Restorer. Spring Annual. Breeding Material. Seed.
- PI 576393 **donor id:** IS 2463C. **origin:** Ethiopia. **other id:** PI 149831 (preconverted). **other id:** MN 708 (preconverted). **group:** MN. **remarks:** Fertility reaction Partial Restorer. Spring Annual. Breeding Material. Seed.
- PI 576394 **donor id:** IS 2562C. **origin:** Sudan. **local name:** Lambas. **other id:** PI 152710 (preconverted). **other id:** MN 838 (preconverted). **group:** MN. **remarks:** Fertility reaction Maintainer. Spring Annual. Breeding Material. Seed.
- PI 576395 **donor id:** IS 2655C. **origin:** Uganda. **other id:** PI 267341 (preconverted). **other id:** C5. **other id:** Serene No. (E.No.)12. **remarks:** Fertility reaction Restorer. Spring Annual. Breeding Material. Seed.
- PI 576396 **donor id:** IS 2681C. **origin:** Uganda. **other id:** PI 267367 (preconverted). **other id:** J-27. **other id:** Serene No. (E.No.)51. **remarks:** Fertility reaction Restorer. Spring Annual. Breeding Material. Seed.

PI 576328 to 576437-continued

- PI 576397 **donor id:** IS 2820C. **origin:** Zimbabwe. **local name:** Local Nature type 48/52. **Spring Annual.** **Breeding Material.** **Seed.**
- PI 576398 **donor id:** IS 3056C. **origin:** Ethiopia. **local name:** Gullubi (Dwarf) Selection. **remarks:** Fertility reaction Maintainer. **Spring Annual.** **Breeding Material.** **Seed.**
- PI 576399 **donor id:** IS 3515C. **origin:** Sudan. **other id:** Kemurit White 55851. **remarks:** Fertility reaction Restorer. **Spring Annual.** **Breeding Material.** **Seed.**
- PI 576400 **donor id:** IS 3693C. **origin:** United States. **remarks:** Fertility reaction Maintainer. **Spring Annual.** **Breeding Material.** **Seed.**
- PI 576401 **donor id:** IS 4307C. **origin:** India. **local name:** Mehra, Sonthia. **remarks:** Fertility reaction Maintainer. **Spring Annual.** **Breeding Material.** **Seed.**
- PI 576402 **donor id:** IS 4370C. **origin:** India. **local name:** Chaltan, Barkherahat. **remarks:** Fertility reaction Maintainer. **Spring Annual.** **Breeding Material.** **Seed.**
- PI 576403 **donor id:** IS 4382C. **origin:** India. **local name:** Sonkutch, Barkhera Khurd. **remarks:** Fertility reaction Partial Restorer. **Spring Annual.** **Breeding Material.** **Seed.**
- PI 576404 **donor id:** IS 4572C. **origin:** India. **other id:** C.10-2. **remarks:** Fertility reaction Partial Restorer. **Spring Annual.** **Breeding Material.** **Seed.**
- PI 576405 **donor id:** IS 5457C. **origin:** India. **local name:** Irungpal Cholan. **remarks:** Fertility reaction Restorer. **Spring Annual.** **Breeding Material.** **Seed.**
- PI 576406 **donor id:** IS 5651C. **origin:** India. **local name:** Kempu Alluna Jola. **remarks:** Fertility reaction Restorer. **Spring Annual.** **Breeding Material.** **Seed.**
- PI 576407 **donor id:** IS 5839C. **origin:** India. **local name:** Safed Bedra Khamari. **remarks:** Fertility reaction Partial Restorer. **Spring Annual.** **Breeding Material.** **Seed.**
- PI 576408 **donor id:** IS 6213C. **origin:** India. **local name:** Bajri Hori Poldi. **remarks:** Fertility reaction Restorer. **Spring Annual.** **Breeding Material.** **Seed.**

PI 576328 to 576437-continued

- PI 576409 **donor id:** IS 6893C. **origin:** Sudan. **local name:** 9 Hemasi Red 186E. **other id:** Tozi 1953#9. **remarks:** Fertility reaction Restorer. Spring Annual. Breeding Material. Seed.
- PI 576410 **donor id:** IS 6899C. **origin:** Sudan. **local name:** 39 Feterita Abu Direira. **other id:** Tozi 1953#39. **remarks:** Fertility reaction Restorer. Spring Annual. Breeding Material. Seed.
- PI 576411 **donor id:** IS 6948C. **origin:** Sudan. **local name:** Bein. **other id:** Tozi 1953#205. **remarks:** Fertility reaction Restorer. Spring Annual. Breeding Material. Seed.
- PI 576412 **donor id:** IS 7017C. **origin:** Sudan. **local name:** Makoi. **other id:** Tozi 1953#461. **remarks:** Fertility reaction Restorer. Spring Annual. Breeding Material. Seed.
- PI 576413 **donor id:** IS 7072C. **origin:** Sudan. **other id:** Tozi #92. **other id:** A.T.12. **remarks:** Fertility reaction Partial Restorer. Spring Annual. Breeding Material. Seed.
- PI 576414 **donor id:** IS 7302C. **origin:** Nigeria. **other id:** AD42. **remarks:** Fertility reaction Restorer. Spring Annual. Breeding Material. Seed.
- PI 576415 **donor id:** IS 7590C. **origin:** Nigeria. **local name:** Abubama. **other id:** NG12. Spring Annual. Breeding Material. Seed.
- PI 576416 **donor id:** IS 7649C. **origin:** Nigeria. **other id:** NG79. **remarks:** Fertility reaction Maintainer. Spring Annual. Breeding Material. Seed.
- PI 576417 **donor id:** IS 7797C. **origin:** Nigeria. **other id:** ZA88. **remarks:** Fertility reaction Restorer. Spring Annual. Breeding Material. Seed.
- PI 576418 **donor id:** IS 7801C. **origin:** Nigeria. **other id:** ZA92. **remarks:** Fertility reaction Partial Restorer. Spring Annual. Breeding Material. Seed.
- PI 576419 **donor id:** IS 7808C. **origin:** Nigeria. **other id:** ZA99. **remarks:** Fertility reaction Restorer. Spring Annual. Breeding Material. Seed.
- PI 576420 **donor id:** IS 8093C. **origin:** Japan. **other id:** A88. **remarks:** Fertility reaction Restorer. Spring Annual. Breeding Material. Seed.

PI 576328 to 576437-continued

- PI 576421 **donor id:** IS 8136C. **origin:** India. **other id:** EC21324B2. **remarks:** Fertility reaction Restorer. Spring Annual. Breeding Material. Seed.
- PI 576422 **donor id:** IS 9370C. **origin:** South Africa. **other id:** No. 221. **remarks:** Fertility reaction Maintainer. Spring Annual. Breeding Material. Seed.
- PI 576423 **donor id:** IS 11065C. **origin:** Ethiopia. **local name:** Mashila. **other id:** Col. No. 92-B. **other id:** PI 329307 (preconverted). **remarks:** Fertility reaction Restorer. Spring Annual. Breeding Material. Seed.
- PI 576424 **donor id:** IS 11343C. **origin:** Ethiopia. **local name:** Boda. **other id:** Col. No. 737-B. **other id:** PI 329597 (preconverted). **remarks:** Fertility reaction Restorer. Spring Annual. Breeding Material. Seed.
- PI 576425 **donor id:** IS 11815C. **origin:** Ethiopia. **other id:** Col. No. R-561. **other id:** PI 330095 (preconverted). **remarks:** Fertility reaction Partial Restorer. Spring Annual. Breeding Material. Seed.
- PI 576426 **donor id:** IS 11894C. **origin:** Ethiopia. **other id:** Col. No. P-41. **other id:** PI 330174 (preconverted). **remarks:** Fertility reaction Restorer. Spring Annual. Breeding Material. Seed.
- PI 576427 **donor id:** IS 12018C. **origin:** Ethiopia. **local name:** Mashila. **other id:** Col. No. P-403. **other id:** PI 330734 (preconverted). **remarks:** Fertility reaction progeny segregate male sterile and male fertile. Spring Annual. Breeding Material. Seed.
- PI 576428 **donor id:** IS 12153C. **origin:** Ethiopia. **local name:** Mashica. **other id:** A8977. **other id:** PI 330869 (preconverted). **remarks:** Fertility reaction Restorer. Spring Annual. Breeding Material. Seed.
- PI 576429 **donor id:** IS 12571C. **origin:** Sudan. **local name:** Malwal sonj. **other id:** PI 152727 (preconverted). **other id:** MN 855 (preconverted). **group:** MN. **remarks:** Fertility reaction Restorer. Spring Annual. Breeding Material. Seed.
- PI 576430 **donor id:** IS 12582C. **origin:** Kenya. **local name:** Njahi No. 738. **other id:** PI 153845 (preconverted). **other id:** MN 1251(preconverted). **group:** MN. **remarks:** Fertility reaction Restorer. Spring Annual. Breeding Material. Seed.

PI 576328 to 576437-continued

- PI 576431 **donor id:** IS 12631C. **origin:** Ethiopia. **other id:** PI 276791 (preconverted). **other id:** SA 2309 (preconverted). **other id:** R1. **other id:** 26. **remarks:** Fertility reaction Maintainer. Spring Annual. Breeding Material. Seed.
- PI 576432 **donor id:** IS 17206C. **origin:** Senegal. **other id:** CE51-69. **remarks:** Fertility reaction Restorer. Spring Annual. Breeding Material. Seed.
- PI 576433 **donor id:** IS 17211C. **origin:** Nigeria. **local name:** Big Head Kafir. **other id:** Line 1878. **remarks:** Fertility reaction progeny segregate male sterile and male fertile. Spring Annual. Breeding Material. Seed.
- PI 576434 **donor id:** SC 1103C. **origin:** Nigeria. **local name:** Ex-Mubi. **remarks:** Fertility reaction Restorer. Spring Annual. Breeding Material. Seed.
- PI 576435 **donor id:** SC 1104C. **origin:** Uganda. **local name:** Lula. **remarks:** Fertility reaction Restorer. Spring Annual. Breeding Material. Seed.
- PI 576436 **donor id:** SC 1172C. **origin:** United States. **local name:** Brandes. **remarks:** Fertility reaction Maintainer. Spring Annual. Breeding Material. Seed.
- PI 576437 **donor id:** SC 1203C. **origin:** Brazil. **other id:** AF28. **remarks:** Fertility reaction Restorer. Spring Annual. Breeding Material. Seed.

Scientific Name Cross Reference

Aegilops biuncialis	573338-	Festuca arundinacea	574521-
573362,574456		574522	
Aegilops columnaris	574457	Festuca longifolia	574395
Aegilops crassa	574458-574459	Glycine max	574476-574486,
Aegilops cylindrica	573363-	574530,574532-574534,574541-	
573369,574460-574462		574542,576145-576146,576149,	
Aegilops geniculata	573370-	576154-576155,576160-576166	
573411,574475		Gossypium barbadense	576174-
Aegilops juvenalis	574463	576175	
Aegilops markgrafii		Helianthus annuus	574631-
var. markgrafii	573412-	574641	
573419		Hordeum vulgare	
Aegilops neglecta	573420-	subsp. spontaneum	573586
573447		Hordeum vulgare subsp. vulgare	
Aegilops speltoides	573448-	573587-573632,573658-573706,	
573450,573452		573727-573731,573757-574135,	
Aegilops tauschii	574464-	574292-574311,574343,576173,	
574469		576177	
Aegilops triuncialis	573451,	Humulus lupulus	576180
573453-573514,574470-574474		Lactuca sativa	574408
Aegilops umbellulata	573515-	Lathyrus hirsutus	576132
573516		Lobelia erinus	574401
Agrostis stolonifera		Lolium perenne	574399-574400,
var. palustris	576152	576159	
Arachis hypogaea	574450	Miscanthus sp.	576133
Avena abyssinica	573530-573532	Nicotiana tabacum	574454,
Avena brevis	573533	574504	
Avena nuda	573534-573536,	Nicotiana tomentosa	574525
573721,573755		Oryza sativa	574409-574449,
Avena sativa	573537-573580,	574487,574526-574529,574658-	
573651-573657,573722-573726,		575698	
573756,574396		Pachyrhizus erosus	574551
Avena strigosa	573581-573585	Pascopyrum smithii	576178-
Beta vulgaris	574625-574630	576179	
Briza media	574511	Paspalum atratum	576144
Bromus inermis subsp. inermis		Paspalum distichum	576134
574512-574514		Paspalum sp.	576135
Camellia hybrid	574643-574657	Paspalum vaginatum	576136-
Capsicum annuum	574545-574550	576140	
Capsicum baccatum	573337	Pennisetum glaucum	574382-
Capsicum cardenasii	573336	574383,574544	
Cucurbita moschata	574552	Pennisetum hybrid	576141
Cuphea hybrid	574491-574495	Phaseolus vulgaris	574540
Cuphea lanceolata	574384	Phaseolus vulgaris	
Cuphea viscosissima	574621-	var. vulgaris	576167
574624		Pisum sativum	574507-574510,
Dactylis glomerata	576153	576142-576143,576148	
Elymus dahuricus	574531	Pisum sativum var. arvense	
Elymus lanceolatus	574515	574505	
Elytrigia elongata	574516	Poa pratensis	574523-574524,
Elytrigia intermedia	574517-	576147	
574518,575702		Prunus persica	576150
Eragrostis curvula	574506,	Saccharum hybrid	575699-575700
574519		Secale cereale	573707-573720
Eragrostis lehmanniana	574520	Secale cereale subsp. cereale	

573633-573646
 Secale cereale
 subsp. tetraploidum 573647
 Secale vavilovii 573648-573649
 Secale x derzhavinii 573650
 Solanum sp. 574543
 Solanum tabanoense 574385
 Solanum tuberosum 574539
 Sorghum bicolor 574397-574398,
 574406-574407, 574455, 574553-
 574620, 575703-576014, 576028-
 576092, 576123-576131, 576317-
 576437
 Sorghum halepense 576093-
 576095
 Sorghum sp. 576096-576122
 Sorghum x alnum 576027
 Tephrosia vogelii 574535-
 574536
 Trachelium caeruleum 574402-
 574404
 Triticum aestivum 573732-
 573754, 574136-574262, 574312-
 574342, 574344-574350, 574356-
 574381, 574405, 574451-574453,
 574488-574490, 574496-574503,
 574537-574538, 574642, 576151,
 576176
 Triticum boeoticum 573517-
 573518
 Triticum durum 574263-574267,
 574351-574355, 576168
 Triticum hybrid 574268-574284
 Triticum monococcum 573519-
 573529
 Triticum turgidum 574386-
 574387, 574389
 Vicia villosa 575701
 X Triticosecale sp. 574285-
 574291, 574388, 574392, 576158
 Zea mays subsp. mays 574390-
 574391, 574393-574394, 576015-
 576026, 576169-576172, 576181-
 576316
 Zoysia japonica 576156-576157

Common Name Cross Reference

Alum sorghum	576027	Triticale	576158
Atra paspalum	576144	Weeping lovegrass	574506
Barley	576173, 576177	Western wheatgrass	576178-
Caley-pea	576132		576179
Camellia	574643-574657	Wheat	574405, 574488-574490,
Common bean	574540		574496-574503, 574537-574538,
Common wheat	574451-574453,		574642
	576151, 576176	Zoysia	576156-576157
Corn	576015-576026, 576181-		
	576316		
Cotton	576174-576175		
Creeping bentgrass	576152		
Cuphea	574491-574495		
Dahurian wild ryegrass	574531		
Durum wheat	574386-574387,		
	574389, 576168		
Elephant grass	576141		
Field corn	574390-574391,		
	574393-574394, 576169-576172		
Garden shell bean	576167		
Hairy vetch	575701		
Hard fescue	574395		
Hop	576180		
Johnsongrass	576093-576095		
Kentucky bluegrass	576147		
Lettuce	574408		
Lobelia	574401		
Oat	574396		
Orchardgrass	576153		
Pea	576142-576143, 576148		
Peach	576150		
Peanut	574450		
Pearl millet	574382-574383,		
	574544		
Perennial ryegrass	574399-		
	574400, 576159		
Potato	574385		
Rice	574409-574449, 574487,		
	574526-574529		
Seashore paspalum	576136-		
	576137		
Sorghum	574397-574398, 574406-		
	574407, 574455, 574553-574620,		
	575703-576014, 576028-576092,		
	576096-576131, 576317-576437		
Soybean	574476-574486, 574530,		
	574532-574534, 574541-574542,		
	576145-576146, 576149, 576154-		
	576155, 576160-576166		
Spring triticale	574388, 574392		
Sugarbeet	574625-574630		
Sugarcane	575699-575700		
Sunflower	574631-574641		
Tobacco	574454, 574504		
Trachelium	574402-574404		