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Plant Inventory No. 202, Part III,

Plant Materials Introduced
July 1 to September 30, 1993
Nos. 571392-573335



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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.

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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 571392 to 571476. Zea mays L. subsp. mays POACEAE Corn

Donated by: Sevilla P., R., Programa Cooperative De Invest. en Maiz, Universidad Nacional Agraria La Molina, La Molina Apartado 456, La Molina, Lima, Peru. **remarks:** Accessions received through a cooperative increase project with the United States Department of Agriculture. Received December 30, 1987.

PI 571392 **donor id:** Ancash 76. **origin:** Peru. **local name:** Terciopelo. **collected:** June 1953. **other id:** Ames 9991. **source:** NC-7. **group:** Ames. **other id:** ANC -076. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 09 deg. 09 min. S. **longitude:** 077 deg. 44 min. W. **elevation:** 2585m. Annual. Landrace. Seed.

PI 571393 **donor id:** Ancash 134. **origin:** Peru. **collected:** June 1953. **other id:** Ames 9992. **source:** NC-7. **group:** Ames. **other id:** ANC -134. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 08 deg. 35 min. S. **longitude:** 077 deg. 55 min. W. **elevation:** 2200m. Annual. Landrace. Seed.

PI 571394 **donor id:** Ancash 141. **origin:** Peru. **local name:** Morocho Ajaleado. **collected:** June 1953. **other id:** Ames 9993. **source:** NC-7. **group:** Ames. **other id:** ANC -141. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 08 deg. 35 min. S. **longitude:** 077 deg. 55 min. W. **elevation:** 2200m. Annual. Landrace. Seed.

PI 571395 **donor id:** Ancash 145. **origin:** Peru. **collected:** June 1953. **other id:** Ames 9994. **source:** NC-7. **group:** Ames. **other id:** ANC -145. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 08 deg. 35 min. S. **longitude:** 077 deg. 55 min. W. **elevation:** 2200m. Annual. Landrace. Seed.

PI 571396 **donor id:** Ancash 265. **origin:** Peru. **collected:** August 1956. **other id:** Ames 9996. **source:** NC-7. **group:** Ames. **other id:** ANC -265. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 10 deg. 09 min. S. **longitude:** 077 deg. 11 min. W. **elevation:** 2500m. Annual. Landrace. Seed.

PI 571397 **donor id:** Ancash 271. **origin:** Peru. **collected:** August 1956. **other id:** Ames 9997. **source:** NC-7. **group:** Ames. **other id:** ANC -271. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 10 deg. 00 min. S. **longitude:** 077 deg. 00 min. W. **elevation:** 2300m. Annual. Landrace. Seed.

PI 571392 to 571476-continued

- PI 571398 **donor id:** Ancash 272. **origin:** Peru. **collected:** August 1956. **other id:** Ames 9998. **source:** NC-7. **group:** Ames. **other id:** ANC -272. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 10 deg. 00 min. S. **longitude:** 077 deg. 00 min. W. **elevation:** 2300m. Annual. Landrace. Seed.
- PI 571399 **donor id:** Ancash 276. **origin:** Peru. **collected:** August 1956. **other id:** Ames 9999. **source:** NC-7. **group:** Ames. **other id:** ANC -276. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 10 deg. 00 min. S. **longitude:** 077 deg. 00 min. W. **elevation:** 2300m. Annual. Landrace. Seed.
- PI 571400 **donor id:** Ancash 277. **origin:** Peru. **collected:** August 1956. **other id:** Ames 10000. **source:** NC-7. **group:** Ames. **other id:** ANC -277. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 10 deg. 00 min. S. **longitude:** 077 deg. 00 min. W. **elevation:** 2300m. Annual. Landrace. Seed.
- PI 571401 **donor id:** Ancash 283. **origin:** Peru. **collected:** August 1956. **other id:** Ames 10001. **source:** NC-7. **group:** Ames. **other id:** ANC -283. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 10 deg. 00 min. S. **longitude:** 077 deg. 00 min. W. **elevation:** 2300m. Annual. Landrace. Seed.
- PI 571402 **donor id:** Ancash 285. **origin:** Peru. **collected:** August 1956. **other id:** Ames 10002. **source:** NC-7. **group:** Ames. **other id:** ANC -285. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 10 deg. 00 min. S. **longitude:** 077 deg. 00 min. W. **elevation:** 2300m. Annual. Landrace. Seed.
- PI 571403 **donor id:** Ancash 286. **origin:** Peru. **collected:** August 1956. **other id:** Ames 10003. **source:** NC-7. **group:** Ames. **other id:** ANC -286. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 10 deg. 00 min. S. **longitude:** 077 deg. 00 min. W. **elevation:** 2300m. Annual. Landrace. Seed.
- PI 571404 **donor id:** Ancash 287. **origin:** Peru. **collected:** August 1956. **other id:** Ames 10004. **source:** NC-7. **group:** Ames. **other id:** ANC -287. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 10 deg. 00 min. S. **longitude:** 077 deg. 00 min. W. **elevation:** 2300m. Annual. Landrace. Seed.

PI 571392 to 571476-continued

- PI 571405 donor id: Ancash 316. origin: Peru. collected: August 1956. other id: Ames 10005. source: NC-7. group: Ames. other id: ANC -316. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 10 deg. 09 min. S. longitude: 077 deg. 11 min. W. elevation: 2600m. Annual. Landrace. Seed.
- PI 571406 donor id: Ancash 318. origin: Peru. collected: August 1956. other id: Ames 10006. source: NC-7. group: Ames. other id: ANC -318. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 08 deg. 15 min. S. longitude: 078 deg. 01 min. W. elevation: 2300m. Annual. Landrace. Seed.
- PI 571407 donor id: Ancash 320. origin: Peru. collected: August 1956. other id: Ames 10007. source: NC-7. group: Ames. other id: ANC -320. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 08 deg. 15 min. S. longitude: 078 deg. 01 min. W. elevation: 2300m. Annual. Landrace. Seed.
- PI 571408 donor id: Ancash 338. origin: Peru. collected: August 1956. other id: Ames 10008. source: NC-7. group: Ames. other id: ANC -338. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 10 deg. 00 min. S. longitude: 077 deg. 00 min. W. elevation: 2300m. Annual. Landrace. Seed.
- PI 571409 donor id: Ancash 339. origin: Peru. collected: August 1956. other id: Ames 10009. source: NC-7. group: Ames. other id: ANC -339. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 10 deg. 00 min. S. longitude: 077 deg. 00 min. W. elevation: 2600m. Annual. Landrace. Seed.
- PI 571410 donor id: Ancash 392. origin: Peru. local name: Diospacconcco. collected: July 11, 1968. other id: Ames 10010. source: NC-7. group: Ames. other id: ANC -392. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 09 deg. 16 min. S. longitude: 077 deg. 38 min. W. elevation: 2600m. Annual. Landrace. Seed.
- PI 571411 donor id: Apurimac 32. origin: Peru. collected: June 1953. other id: Ames 10011. source: NC-7. group: Ames. other id: APUC-032. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 13 deg. 35 min. S. longitude: 072 deg. 55 min. W. elevation: 2300m. Annual. Landrace. Seed.

PI 571392 to 571476-continued

- PI 571412 **donor id:** Apurimac 66. **origin:** Peru. **collected:** June 1956. **other id:** Ames 10012. **source:** NC-7. **group:** Ames. **other id:** APUC-066. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 35 min. S. **longitude:** 072 deg. 55 min. W. **elevation:** 2750m. Annual. Landrace. Seed.
- PI 571413 **donor id:** Apurimac 67. **origin:** Peru. **collected:** June 1956. **other id:** Ames 10013. **source:** NC-7. **group:** Ames. **other id:** APUC-067. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 35 min. S. **longitude:** 072 deg. 55 min. W. **elevation:** 2750m. Annual. Landrace. Seed.
- PI 571414 **donor id:** Apurimac 68. **origin:** Peru. **collected:** June 1956. **other id:** Ames 10014. **source:** NC-7. **group:** Ames. **other id:** APUC-068. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 35 min. S. **longitude:** 072 deg. 55 min. W. **elevation:** 2750m. Annual. Landrace. Seed.
- PI 571415 **donor id:** Apurimac 69. **origin:** Peru. **collected:** June 1956. **other id:** Ames 10015. **source:** NC-7. **group:** Ames. **other id:** APUC-069. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 35 min. S. **longitude:** 072 deg. 55 min. W. **elevation:** 2750m. Annual. Landrace. Seed.
- PI 571416 **donor id:** Apurimac 87. **origin:** Peru. **collected:** June 1956. **other id:** Ames 10016. **source:** NC-7. **group:** Ames. **other id:** APUC-087. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 39 min. S. **longitude:** 073 deg. 23 min. W. **elevation:** 2400m. Annual. Landrace. Seed.
- PI 571417 **donor id:** Apurimac 88. **origin:** Peru. **collected:** June 1956. **other id:** Ames 10017. **source:** NC-7. **group:** Ames. **other id:** APUC-088. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 39 min. S. **longitude:** 073 deg. 23 min. W. **elevation:** 2460m. Annual. Landrace. Seed.
- PI 571418 **donor id:** Apurimac 89. **origin:** Peru. **collected:** June 1956. **other id:** Ames 10018. **source:** NC-7. **group:** Ames. **other id:** APUC-089. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 39 min. S. **longitude:** 073 deg. 23 min. W. **elevation:** 2400m. Annual. Landrace. Seed.

PI 571392 to 571476-continued

- PI 571419 **donor id:** Apurimac 108. **origin:** Peru. **other id:** Ames 10019. **source:** NC-7. **group:** Ames. **other id:** APUC-108. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 35 min. S. **longitude:** 072 deg. 55 min. W. **elevation:** 2377m. Annual. Landrace. Seed.
- PI 571420 **donor id:** Apurimac 112. **origin:** Peru. **other id:** Ames 10020. **source:** NC-7. **group:** Ames. **other id:** APUC-112. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 35 min. S. **longitude:** 072 deg. 55 min. W. **elevation:** 2377m. Annual. Landrace. Seed.
- PI 571421 **donor id:** Apurimac 115. **origin:** Peru. **other id:** Ames 10021. **source:** NC-7. **group:** Ames. **other id:** APUC-115. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 35 min. S. **longitude:** 072 deg. 55 min. W. **elevation:** 2377m. Annual. Landrace. Seed.
- PI 571422 **donor id:** Apurimac 120. **origin:** Peru. **collected:** June 20, 1968. **other id:** Ames 10022. **source:** NC-7. **group:** Ames. **other id:** APUC-120. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 35 min. S. **longitude:** 072 deg. 55 min. W. **elevation:** 2300m. Annual. Landrace. Seed.
- PI 571423 **donor id:** Apurimac 154. **origin:** Peru. **collected:** June 20, 1968. **other id:** Ames 10023. **source:** NC-7. **group:** Ames. **other id:** APUC-154. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 35 min. S. **longitude:** 072 deg. 55 min. W. **elevation:** 2500m. Annual. Landrace. Seed.
- PI 571424 **donor id:** Arequipa 117. **origin:** Peru. **collected:** February 1978. **other id:** Ames 10024. **source:** NC-7. **group:** Ames. **other id:** AREQ-117. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 16 deg. 24 min. S. **longitude:** 071 deg. 33 min. W. **elevation:** 2300m. Annual. Landrace. Seed.
- PI 571425 **donor id:** Arequipa 118. **origin:** Peru. **collected:** February 1978. **other id:** Ames 10025. **source:** NC-7. **group:** Ames. **other id:** AREQ-118. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 16 deg. 24 min. S. **longitude:** 071 deg. 33 min. W. **elevation:** 2300m. Annual. Landrace. Seed.

PI 571392 to 571476-continued

- PI 571426 **donor id:** Arequipa 136. **origin:** Peru. **collected:** January 1978. **other id:** Ames 10026. **source:** NC-7. **group:** Ames. **other id:** AREQ-136. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 16 deg. 24 min. S. **longitude:** 071 deg. 33 min. W. **elevation:** 2280m. Annual. Landrace. Seed.
- PI 571427 **donor id:** Arequipa 204. **origin:** Peru. **collected:** June 1978. **other id:** Ames 10027. **source:** NC-7. **group:** Ames. **other id:** AREQ-204. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 16 deg. 24 min. S. **longitude:** 071 deg. 33 min. W. **elevation:** 2300m. Annual. Landrace. Seed.
- PI 571428 **donor id:** Arequipa 229. **origin:** Peru. **collected:** June 1978. **other id:** Ames 10028. **source:** NC-7. **group:** Ames. **other id:** AREQ-229. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 16 deg. 24 min. S. **longitude:** 071 deg. 33 min. W. **elevation:** 2300m. Annual. Landrace. Seed.
- PI 571429 **donor id:** Arequipa 242. **origin:** Peru. **collected:** June 1978. **other id:** Ames 10029. **source:** NC-7. **group:** Ames. **other id:** AREQ-242. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 16 deg. 24 min. S. **longitude:** 071 deg. 33 min. W. **elevation:** 2400m. Annual. Landrace. Seed.
- PI 571430 **donor id:** Cajamarca 12. **origin:** Peru. **local name:** Unintuo. **collected:** August 1953. **other id:** Ames 10030. **source:** NC-7. **group:** Ames. **other id:** CAJ -012. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 07 deg. 37 min. S. **longitude:** 078 deg. 03 min. W. **elevation:** 2300m. Annual. Landrace. Seed.
- PI 571431 **donor id:** Cajamarca 22. **origin:** Peru. **local name:** Capio. **collected:** August 1953. **other id:** Ames 10031. **source:** NC-7. **group:** Ames. **other id:** CAJ -022. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 07 deg. 37 min. S. **longitude:** 078 deg. 03 min. W. **elevation:** 2300m. Annual. Landrace. Seed.
- PI 571432 **donor id:** Cajamarca 129. **origin:** Peru. **collected:** August 1973. **other id:** Ames 10032. **source:** NC-7. **group:** Ames. **other id:** CAJ -129. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 06 deg. 33 min. S. **longitude:** 078 deg. 39 min. W. **elevation:** 2300m. Annual. Landrace. Seed.

PI 571392 to 571476-continued

- PI 571433 **donor id:** Cajamarca 133. **origin:** Peru. **collected:** August 1973. **other id:** Ames 10033. **source:** NC-7. **group:** Ames. **other id:** CAJ -133. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 06 deg. 33 min. S. **longitude:** 078 deg. 39 min. W. **elevation:** 2300m. Annual. Landrace. Seed.
- PI 571434 **donor id:** Cajamarca 135. **origin:** Peru. **collected:** August 1973. **other id:** Ames 10034. **source:** NC-7. **group:** Ames. **other id:** CAJ -135. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 06 deg. 28 min. S. **longitude:** 078 deg. 58 min. W. **elevation:** 2300m. Annual. Landrace. Seed.
- PI 571435 **donor id:** Cajamarca 136. **origin:** Peru. **collected:** August 1973. **other id:** Ames 10035. **source:** NC-7. **group:** Ames. **other id:** CAJ -136. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 06 deg. 28 min. S. **longitude:** 078 deg. 58 min. W. **elevation:** 2300m. Annual. Landrace. Seed.
- PI 571436 **donor id:** Cajamarca 137. **origin:** Peru. **collected:** August 1973. **other id:** Ames 10036. **source:** NC-7. **group:** Ames. **other id:** CAJ -137. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 06 deg. 33 min. S. **longitude:** 078 deg. 39 min. W. **elevation:** 2300m. Annual. Landrace. Seed.
- PI 571437 **donor id:** Cajamarca 138. **origin:** Peru. **collected:** August 1973. **other id:** Ames 10037. **source:** NC-7. **group:** Ames. **other id:** CAJ -138. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 06 deg. 33 min. S. **longitude:** 078 deg. 39 min. W. **elevation:** 2300m. Annual. Landrace. Seed.
- PI 571438 **donor id:** Huancavelica 156. **origin:** Peru. **other id:** Ames 10038. **source:** NC-7. **group:** Ames. **other id:** HVCA-156. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 12 deg. 00 min. S. **longitude:** 075 deg. 00 min. W. **elevation:** 1800m. Annual. Landrace. Seed.
- PI 571439 **donor id:** Lambayeque 151. **origin:** Peru. **collected:** December 1977. **other id:** Ames 10039. **source:** NC-7. **group:** Ames. **other id:** LBQU-151. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 06 deg. 42 min. S. **longitude:** 079 deg. 55 min. W. **elevation:** 1400m. Annual. Landrace. Seed.

PI 571392 to 571476-continued

- PI 571440 **donor id:** Lima 68. **origin:** Peru. **collected:** March 1978. **other id:** Ames 10040. **source:** NC-7. **group:** Ames. **other id:** LIM -068. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 12 deg. 48 min. S. **longitude:** 075 deg. 48 min. W. **elevation:** 2200m. Annual. Landrace. Seed.
- PI 571441 **donor id:** Moquegua 5. **origin:** Peru. **collected:** January 1978. **other id:** Ames 10041. **source:** NC-7. **group:** Ames. **other id:** MGUA-005. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 17 deg. 00 min. S. **longitude:** 071 deg. 00 min. W. **elevation:** 1900m. Annual. Landrace. Seed.
- PI 571442 **donor id:** Moquegua 12. **origin:** Peru. **collected:** January 1978. **other id:** Ames 10042. **source:** NC-7. **group:** Ames. **other id:** MGUA-012. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 17 deg. 00 min. S. **longitude:** 071 deg. 00 min. W. **elevation:** 2000m. Annual. Landrace. Seed.
- PI 571443 **donor id:** Moquegua 14. **origin:** Peru. **collected:** January 1978. **other id:** Ames 10043. **source:** NC-7. **group:** Ames. **other id:** MGUA-014. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 17 deg. 00 min. S. **longitude:** 071 deg. 00 min. W. **elevation:** 2000m. Annual. Landrace. Seed.
- PI 571444 **donor id:** Moquegua 27. **origin:** Peru. **collected:** August 1978. **other id:** Ames 10044. **source:** NC-7. **group:** Ames. **other id:** MGUA-027. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 17 deg. 12 min. S. **longitude:** 070 deg. 56 min. W. **elevation:** 1437m. Annual. Landrace. Seed.
- PI 571445 **donor id:** Piura 6. **origin:** Peru. **other id:** Ames 10045. **source:** NC-7. **group:** Ames. **other id:** PIU -006. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 05 deg. 14 min. S. **longitude:** 079 deg. 28 min. W. **elevation:** 2000m. Annual. Landrace. Seed.
- PI 571446 **donor id:** Piura 9. **origin:** Peru. **other id:** Ames 10046. **source:** NC-7. **group:** Ames. **other id:** PIU -009. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 05 deg. 14 min. S. **longitude:** 079 deg. 28 min. W. **elevation:** 1900m. Annual. Landrace. Seed.
- PI 571447 **donor id:** Piura 15. **origin:** Peru. **other id:** Ames 10047. **source:** NC-7. **group:** Ames. **other id:** PIU -015. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 05 deg. 14 min. S. **longitude:** 079 deg. 28 min. W. **elevation:** 1800m. Annual. Landrace. Seed.

PI 571392 to 571476-continued

- PI 571448 **donor id:** Piura 29. **origin:** Peru. **other id:** Ames 10048. **source:** NC-7. **group:** Ames. **other id:** PIU -029. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 05 deg. 14 min. S. **longitude:** 079 deg. 28 min. W. **elevation:** 1850m. Annual. Landrace. Seed.
- PI 571449 **donor id:** Piura 38. **origin:** Peru. **other id:** Ames 10049. **source:** NC-7. **group:** Ames. **other id:** PIU -038. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 05 deg. 14 min. S. **longitude:** 079 deg. 28 min. W. **elevation:** 2000m. Annual. Landrace. Seed.
- PI 571450 **donor id:** Piura 46. **origin:** Peru. **collected:** August 1962. **other id:** Ames 10050. **source:** NC-7. **group:** Ames. **other id:** PIU -046. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 05 deg. 14 min. S. **longitude:** 079 deg. 28 min. W. **elevation:** 2100m. Annual. Landrace. Seed.
- PI 571451 **donor id:** Piura 47. **origin:** Peru. **collected:** August 1962. **other id:** Ames 10051. **source:** NC-7. **group:** Ames. **other id:** PIU -047. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 05 deg. 14 min. S. **longitude:** 079 deg. 28 min. W. **elevation:** 2100m. Annual. Landrace. Seed.
- PI 571452 **donor id:** Piura 49. **origin:** Peru. **collected:** August 1962. **other id:** Ames 10052. **source:** NC-7. **group:** Ames. **other id:** PIU -049. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 05 deg. 14 min. S. **longitude:** 079 deg. 28 min. W. **elevation:** 1650m. Annual. Landrace. Seed.
- PI 571453 **donor id:** Piura 50. **origin:** Peru. **collected:** August 1962. **other id:** Ames 10053. **source:** NC-7. **group:** Ames. **other id:** PIU -050. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 05 deg. 14 min. S. **longitude:** 079 deg. 28 min. W. **elevation:** 1650m. Annual. Landrace. Seed.
- PI 571454 **donor id:** Piura 53. **origin:** Peru. **other id:** Ames 10054. **source:** NC-7. **group:** Ames. **other id:** PIU -053. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 05 deg. 14 min. S. **longitude:** 079 deg. 28 min. W. **elevation:** 1650m. Annual. Landrace. Seed.
- PI 571455 **donor id:** Piura 70. **origin:** Peru. **collected:** August 1962. **other id:** Ames 10055. **source:** NC-7. **group:** Ames. **other id:** PIU -070. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 05 deg. 14 min. S. **longitude:** 079 deg. 28 min. W. **elevation:** 2300m. Annual. Landrace. Seed.

PI 571392 to 571476-continued

- PI 571456 donor id: Piura 71. origin: Peru. collected: August 1962. other id: Ames 10056. source: NC-7. group: Ames. other id: PIU -071. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 05 deg. 14 min. S. longitude: 079 deg. 28 min. W. elevation: 2300m. Annual. Landrace. Seed.
- PI 571457 donor id: Piura 72. origin: Peru. collected: August 1962. other id: Ames 10057. source: NC-7. group: Ames. other id: PIU -072. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 05 deg. 14 min. S. longitude: 079 deg. 28 min. W. elevation: 2300m. Annual. Landrace. Seed.
- PI 571458 donor id: Piura 75. origin: Peru. collected: August 1962. other id: Ames 10058. source: NC-7. group: Ames. other id: PIU -075. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 05 deg. 14 min. S. longitude: 079 deg. 28 min. W. elevation: 1600m. Annual. Landrace. Seed.
- PI 571459 donor id: Piura 94. origin: Peru. collected: August 1962. other id: Ames 10059. source: NC-7. group: Ames. other id: PIU -094. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 04 deg. 38 min. S. longitude: 079 deg. 43 min. W. elevation: 2200m. Annual. Landrace. Seed.
- PI 571460 donor id: Piura 96. origin: Peru. collected: August 1962. other id: Ames 10060. source: NC-7. group: Ames. other id: PIU -096. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 04 deg. 38 min. S. longitude: 079 deg. 43 min. W. elevation: 2000m. Annual. Landrace. Seed.
- PI 571461 donor id: Piura 106. origin: Peru. collected: August 1962. other id: Ames 10061. source: NC-7. group: Ames. other id: PIU -106. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 04 deg. 38 min. S. longitude: 079 deg. 43 min. W. elevation: 2000m. Annual. Landrace. Seed.
- PI 571462 donor id: Puno 14. origin: Peru. collected: June 1953. other id: Ames 10062. source: NC-7. group: Ames. other id: PUN -014. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 14 deg. 17 min. S. longitude: 069 deg. 26 min. W. elevation: 2000m. Annual. Landrace. Seed.

PI 571392 to 571476-continued

- PI 571463 **donor id:** Tacna 13. **origin:** Peru. **collected:** January 1978. **other id:** Ames 10063. **source:** NC-7. **group:** Ames. **other id:** TAC -013. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 18 deg. 01 min. S. **longitude:** 070 deg. 15 min. W. **elevation:** 500m. Annual. Landrace. Seed.
- PI 571464 **donor id:** Tacna 22. **origin:** Peru. **collected:** January 1978. **other id:** Ames 10064. **source:** NC-7. **group:** Ames. **other id:** TAC -022. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 18 deg. 01 min. S. **longitude:** 070 deg. 15 min. W. **elevation:** 1200m. Annual. Landrace. Seed.
- PI 571465 **donor id:** Tacna 31. **origin:** Peru. **collected:** August 1978. **other id:** Ames 10065. **source:** NC-7. **group:** Ames. **other id:** TAC -031. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 17 deg. 28 min. S. **longitude:** 070 deg. 02 min. W. **elevation:** 3100m. Annual. Landrace. Seed.
- PI 571466 **donor id:** Tacna 33. **origin:** Peru. **collected:** August 1978. **other id:** Ames 10066. **source:** NC-7. **group:** Ames. **other id:** TAC -033. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 17 deg. 28 min. S. **longitude:** 070 deg. 02 min. W. **elevation:** 3100m. Annual. Landrace. Seed.
- PI 571467 **donor id:** Tacna 34. **origin:** Peru. **collected:** August 1978. **other id:** Ames 10067. **source:** NC-7. **group:** Ames. **other id:** TAC -034. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 17 deg. 28 min. S. **longitude:** 070 deg. 02 min. W. **elevation:** 3100m. Annual. Landrace. Seed.
- PI 571468 **donor id:** Tacna 36. **origin:** Peru. **collected:** August 1978. **other id:** Ames 10068. **source:** NC-7. **group:** Ames. **other id:** TAC -036. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 17 deg. 28 min. S. **longitude:** 070 deg. 02 min. W. **elevation:** 3100m. Annual. Landrace. Seed.
- PI 571469 **donor id:** Tacna 40. **origin:** Peru. **collected:** August 1978. **other id:** Ames 10069. **source:** NC-7. **group:** Ames. **other id:** TAC -040. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 17 deg. 28 min. S. **longitude:** 070 deg. 02 min. W. **elevation:** 3100m. Annual. Landrace. Seed.

PI 571392 to 571476-continued

- PI 571470 donor id: Tacna 41. origin: Peru. collected: August 1978. other id: Ames 10070. source: NC-7. group: Ames. other id: TAC -041. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 17 deg. 28 min. S. longitude: 070 deg. 02 min. W. elevation: 3100m. Annual. Landrace. Seed.
- PI 571471 donor id: Tacna 47. origin: Peru. collected: August 1978. other id: Ames 10071. source: NC-7. group: Ames. other id: TAC -047. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 17 deg. 28 min. S. longitude: 070 deg. 02 min. W. elevation: 3200m. Annual. Landrace. Seed.
- PI 571472 donor id: Tacna 49. origin: Peru. collected: August 1978. other id: Ames 10072. source: NC-7. group: Ames. other id: TAC -049. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 17 deg. 28 min. S. longitude: 070 deg. 02 min. W. elevation: 3200m. Annual. Landrace. Seed.
- PI 571473 donor id: Tacna 54. origin: Peru. collected: August 1978. other id: Ames 10073. source: NC-7. group: Ames. other id: TAC -054. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 18 deg. 01 min. S. longitude: 070 deg. 15 min. W. elevation: 1200m. Annual. Landrace. Seed.
- PI 571474 donor id: Tacna 57. origin: Peru. collected: August 1978. other id: Ames 10074. source: NC-7. group: Ames. other id: TAC -057. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 18 deg. 01 min. S. longitude: 070 deg. 15 min. W. elevation: 1200m. Annual. Landrace. Seed.
- PI 571475 donor id: Tacna 58. origin: Peru. collected: August 1978. other id: Ames 10075. source: NC-7. group: Ames. other id: TAC -058. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 18 deg. 01 min. S. longitude: 070 deg. 15 min. W. elevation: 1200m. Annual. Landrace. Seed.
- PI 571476 donor id: Tacna 62. origin: Peru. collected: August 1978. other id: Ames 10076. source: NC-7. group: Ames. other id: TAC -062. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 18 deg. 01 min. S. longitude: 070 deg. 15 min. W. elevation: 800m. Annual. Landrace. Seed.

PI 571477 to 571567. Zea mays L. subsp. mays POACEAE Corn

Donated by: Sevilla P., R., Programa Cooperative De Invest. en Maiz, Universidad Nacional Agraria La Molina, La Molina Apartado 456, La Molina, Lima, Peru. **remarks:** Accessions received through a cooperative increase project with the United States Department of Agriculture. Received July 28, 1988.

- PI 571477 **donor id:** Ancash 1. **origin:** Peru. **collected:** October 1952. **other id:** Ames 8450. **source:** NC-7. **group:** Ames. **other id:** ANC -001. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 10 deg. 04 min. S. **longitude:** 078 deg. 10 min. W. **elevation:** 100m. Annual. Landrace. Seed.
- PI 571478 **donor id:** Ancash 22. **origin:** Peru. **collected:** October 1952. **other id:** Ames 8459. **source:** NC-7. **group:** Ames. **other id:** ANC -022. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 10 deg. 04 min. S. **longitude:** 078 deg. 10 min. W. **elevation:** 100m. Annual. Landrace. Seed.
- PI 571479 **donor id:** Ancash 23. **origin:** Peru. **collected:** October 1952. **other id:** Ames 8460. **source:** NC-7. **group:** Ames. **other id:** ANC -023. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 10 deg. 04 min. S. **longitude:** 078 deg. 10 min. W. **elevation:** 100m. Annual. Landrace. Seed.
- PI 571480 **donor id:** Ancash 27. **origin:** Peru. **collected:** October 1952. **other id:** Ames 8463. **source:** NC-7. **group:** Ames. **other id:** ANC -027. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 10 deg. 04 min. S. **longitude:** 078 deg. 10 min. W. **elevation:** 100m. Annual. Landrace. Seed.
- PI 571481 **donor id:** Ancash 42. **origin:** Peru. **collected:** June 1953. **other id:** Ames 8465. **source:** NC-7. **group:** Ames. **other id:** ANC -042. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 09 deg. 32 min. S. **longitude:** 077 deg. 32 min. W. **elevation:** 3230m. Annual. Landrace. Seed.
- PI 571482 **donor id:** Ancash 175. **origin:** Peru. **local name:** COMUN. **collected:** July 1953. **other id:** Ames 8466. **source:** NC-7. **group:** Ames. **other id:** ANC -175. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 09 deg. 20 min. S. **longitude:** 077 deg. 14 min. W. **elevation:** 3200m. Annual. Landrace. Seed.

PI 571477 to 571567-continued

- PI 571483 donor id: Ancash 234. origin: Peru. collected: July 1953. other id: Ames 8467. source: NC-7. group: Ames. other id: ANC -234. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 10 deg. 09 min. S. longitude: 077 deg. 11 min. W. elevation: 3350m. Annual. Landrace. Seed.
- PI 571484 donor id: Ancash 235. origin: Peru. local name: HUANSA. collected: July 1953. other id: Ames 8468. source: NC-7. group: Ames. other id: ANC -235. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 08 deg. 35 min. S. longitude: 077 deg. 55 min. W. elevation: 3192m. Annual. Landrace. Seed.
- PI 571485 donor id: Ancash 262. origin: Peru. collected: August 1956. other id: Ames 8469. source: NC-7. group: Ames. other id: ANC -262. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 10 deg. 09 min. S. longitude: 077 deg. 11 min. W. elevation: 3300m. Annual. Landrace. Seed.
- PI 571486 donor id: Ancash 331. origin: Peru. collected: August 1956. other id: Ames 8470. source: NC-7. group: Ames. other id: ANC -331. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 08 deg. 50 min. S. longitude: 077 deg. 28 min. W. elevation: 3100m. Annual. Landrace. Seed.
- PI 571487 donor id: Ancash 333. origin: Peru. collected: August 1956. other id: Ames 8471. source: NC-7. group: Ames. other id: ANC -333. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 08 deg. 50 min. S. longitude: 077 deg. 28 min. W. elevation: 3400m. Annual. Landrace. Seed.
- PI 571488 donor id: Ancash 347. origin: Peru. collected: August 1956. other id: Ames 8472. source: NC-7. group: Ames. other id: ANC -347. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 08 deg. 15 min. S. longitude: 078 deg. 01 min. W. elevation: 3255m. Annual. Landrace. Seed.
- PI 571489 donor id: Ancash 383. origin: Peru. local name: MORADO. collected: July 09, 1968. other id: Ames 8473. source: NC-7. group: Ames. other id: ANC -383. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 09 deg. 32 min. S. longitude: 077 deg. 32 min. W. elevation: 3200m. Annual. Landrace. Seed.

PI 571477 to 571567-continued

- PI 571490 **donor id:** Ancash 500. **origin:** Peru. **collected:** July 15, 1968. **other id:** Ames 8474. **source:** NC-7. **group:** Ames. **other id:** ANC -500. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 09 deg. 00 min. S. **longitude:** 077 deg. 00 min. W. **elevation:** 3420m. Annual. Landrace. Seed.
- PI 571491 **donor id:** Apurimac 6. **origin:** Peru. **local name:** AMARILLO. **collected:** May 1955. **other id:** Ames 8475. **source:** NC-7. **group:** Ames. **other id:** APUC-006. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 39 min. S. **longitude:** 073 deg. 23 min. W. **elevation:** 3040m. Annual. Landrace. Seed.
- PI 571492 **donor id:** Apurimac 34. **origin:** Peru. **collected:** June 1953. **other id:** Ames 8476. **source:** NC-7. **group:** Ames. **other id:** APUC-034. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 39 min. S. **longitude:** 073 deg. 23 min. W. **elevation:** 3000m. Annual. Landrace. Seed.
- PI 571493 **donor id:** Apurimac 140. **origin:** Peru. **local name:** CONFITE. **collected:** June 20, 1968. **other id:** Ames 8477. **source:** NC-7. **group:** Ames. **other id:** APUC-140. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 35 min. S. **longitude:** 072 deg. 55 min. W. **elevation:** 2500m. Annual. Landrace. Seed.
- PI 571494 **donor id:** Apurimac 271. **origin:** Peru. **collected:** June 1976. **other id:** Ames 8478. **source:** NC-7. **group:** Ames. **other id:** APUC-271. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 35 min. S. **longitude:** 072 deg. 55 min. W. **elevation:** 3400m. Annual. Landrace. Seed.
- PI 571495 **donor id:** Apurimac 278. **origin:** Peru. **collected:** June 1976. **other id:** Ames 8479. **source:** NC-7. **group:** Ames. **other id:** APUC-278. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 39 min. S. **longitude:** 073 deg. 23 min. W. **elevation:** 3120m. Annual. Landrace. Seed.
- PI 571496 **donor id:** Arequipa 6. **origin:** Peru. **collected:** January 1953. **other id:** Ames 8480. **source:** NC-7. **group:** Ames. **other id:** AREQ-006. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 17 deg. 01 min. S. **longitude:** 072 deg. 07 min. W. **elevation:** 10m. Annual. Landrace. Seed.

PI 571477 to 571567-continued

- PI 571497 donor id: Arequipa 12. origin: Peru. collected: January 1953. other id: Ames 8481. source: NC-7. group: Ames. other id: AREQ-012. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 16 deg. 37 min. S. longitude: 072 deg. 42 min. W. elevation: 12m. Annual. Landrace. Seed.
- PI 571498 donor id: Arequipa 20. origin: Peru. collected: January 1953. other id: Ames 8484. source: NC-7. group: Ames. other id: AREQ-020. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 16 deg. 37 min. S. longitude: 072 deg. 42 min. W. elevation: 87m. Annual. Landrace. Seed.
- PI 571499 donor id: Arequipa 21. origin: Peru. local name: CHAPARRENO. collected: January 1953. other id: Ames 8485. source: NC-7. group: Ames. other id: AREQ-021. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 16 deg. 14 min. S. longitude: 072 deg. 28 min. W. elevation: 450m. Annual. Landrace. Seed.
- PI 571500 donor id: Arequipa 31. origin: Peru. collected: January 1953. other id: Ames 8486. source: NC-7. group: Ames. other id: AREQ-031. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 16 deg. 14 min. S. longitude: 072 deg. 28 min. W. elevation: 450m. Annual. Landrace. Seed.
- PI 571501 donor id: Arequipa 34. origin: Peru. collected: January 1953. other id: Ames 8487. source: NC-7. group: Ames. other id: AREQ-034. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 17 deg. 02 min. S. longitude: 072 deg. 01 min. W. elevation: 10m. Annual. Landrace. Seed.
- PI 571502 donor id: Arequipa 38. origin: Peru. collected: January 1953. other id: Ames 8489. source: NC-7. group: Ames. other id: AREQ-038. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 16 deg. 24 min. S. longitude: 071 deg. 33 min. W. elevation: 1300m. Annual. Landrace. Seed.
- PI 571503 donor id: Arequipa 47. origin: Peru. collected: October 1977. other id: Ames 8490. source: NC-7. group: Ames. other id: AREQ-047. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 16 deg. 37 min. S. longitude: 072 deg. 42 min. W. elevation: 50m. Annual. Landrace. Seed.

PI 571477 to 571567-continued

- PI 571504 **donor id:** Arequipa 65. **origin:** Peru. **collected:** January 1978. **other id:** Ames 8491. **source:** NC-7. **group:** Ames. **other id:** AREQ-065. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 16 deg. 37 min. S. **longitude:** 072 deg. 42 min. W. **elevation:** 15m. Annual. Landrace. Seed.
- PI 571505 **donor id:** Arequipa 68. **origin:** Peru. **collected:** January 1978. **other id:** Ames 8492. **source:** NC-7. **group:** Ames. **other id:** AREQ-068. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 16 deg. 37 min. S. **longitude:** 072 deg. 42 min. W. **elevation:** 130m. Annual. Landrace. Seed.
- PI 571506 **donor id:** Arequipa 161. **origin:** Peru. **collected:** February 1978. **other id:** Ames 8493. **source:** NC-7. **group:** Ames. **other id:** AREQ-161. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 15 deg. 12 min. S. **longitude:** 071 deg. 46 min. W. **elevation:** 3220m. Annual. Landrace. Seed.
- PI 571507 **donor id:** Arequipa 235. **origin:** Peru. **collected:** June 1978. **other id:** Ames 8494. **source:** NC-7. **group:** Ames. **other id:** AREQ-235. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 16 deg. 24 min. S. **longitude:** 071 deg. 33 min. W. **elevation:** 3250m. Annual. Landrace. Seed.
- PI 571508 **donor id:** Arequipa 240. **origin:** Peru. **collected:** June 1978. **other id:** Ames 8495. **source:** NC-7. **group:** Ames. **other id:** AREQ-240. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 16 deg. 24 min. S. **longitude:** 071 deg. 33 min. W. **elevation:** 1500m. Annual. Landrace. Seed.
- PI 571509 **donor id:** Cajamarca 120. **origin:** Peru. **collected:** August 1973. **other id:** Ames 8496. **source:** NC-7. **group:** Ames. **other id:** CAJ -120. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 06 deg. 33 min. S. **longitude:** 078 deg. 39 min. W. **elevation:** 2400m. Annual. Landrace. Seed.
- PI 571510 **donor id:** Cajamarca 201. **origin:** Peru. **collected:** May 1980. **other id:** Ames 8497. **source:** NC-7. **group:** Ames. **other id:** CAJ -201. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 05 deg. 42 min. S. **longitude:** 078 deg. 47 min. W. **elevation:** 520m. Annual. Landrace. Seed.

PI 571477 to 571567-continued

- PI 571511 **donor id:** Cuzco 128. **origin:** Peru. **collected:** June 1953. **other id:** Ames 8498. **source:** NC-7. **group:** Ames. **other id:** CUZ -128. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 18 min. S. **longitude:** 071 deg. 40 min. W. **elevation:** 2900m. Annual. Landrace. Seed.
- PI 571512 **donor id:** Cuzco 205. **origin:** Peru. **other id:** Ames 8499. **source:** NC-7. **group:** Ames. **other id:** CUZ -205. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 31 min. S. **longitude:** 071 deg. 59 min. W. **elevation:** 3220m. Annual. Landrace. Seed.
- PI 571513 **donor id:** Cuzco 292. **origin:** Peru. **collected:** July 1975. **other id:** Ames 8500. **source:** NC-7. **group:** Ames. **other id:** CUZ -292. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 55 min. S. **longitude:** 071 deg. 41 min. W. **elevation:** 3200m. Annual. Landrace. Seed.
- PI 571514 **donor id:** Cuzco 360. **origin:** Peru. **collected:** June 1976. **other id:** Ames 8501. **source:** NC-7. **group:** Ames. **other id:** CUZ -360. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 29 min. S. **longitude:** 072 deg. 09 min. W. **elevation:** 3280m. Annual. Landrace. Seed.
- PI 571515 **donor id:** Cuzco 379. **origin:** Peru. **collected:** June 1976. **other id:** Ames 8502. **source:** NC-7. **group:** Ames. **other id:** CUZ -379. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 18 min. S. **longitude:** 072 deg. 07 min. W. **elevation:** 2920m. Annual. Landrace. Seed.
- PI 571516 **donor id:** Huancavelica 172. **origin:** Peru. **other id:** Ames 8504. **source:** NC-7. **group:** Ames. **other id:** HVCA-172. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 12 deg. 00 min. S. **longitude:** 075 deg. 00 min. W. **elevation:** 3200m. Annual. Landrace. Seed.
- PI 571517 **donor id:** Huanuco 87. **origin:** Peru. **other id:** Ames 8505. **source:** NC-7. **group:** Ames. **other id:** HCO -087. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 10 deg. 07 min. S. **longitude:** 076 deg. 10 min. W. **elevation:** 2000m. Annual. Landrace. Seed.

PI 571477 to 571567-continued

- PI 571518 **donor id:** Huanuco 123. **origin:** Peru. **other id:** Ames 8506. **source:** NC-7. **group:** Ames. **other id:** HCO -123. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 09 deg. 55 min. S. **longitude:** 076 deg. 14 min. W. **elevation:** 2400m. Annual. Landrace. Seed.
- PI 571519 **donor id:** Huanuco 137. **origin:** Peru. **collected:** June 1976. **other id:** Ames 8507. **source:** NC-7. **group:** Ames. **other id:** HCO -137. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 10 deg. 00 min. S. **longitude:** 077 deg. 00 min. W. **elevation:** 3100m. Annual. Landrace. Seed.
- PI 571520 **donor id:** Ica 2. **origin:** Peru. **other id:** Ames 8508. **source:** NC-7. **group:** Ames. **other id:** ICA -002. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. Annual. Landrace. Seed.
- PI 571521 **donor id:** Ica 4. **origin:** Peru. **collected:** December 1977. **other id:** Ames 8509. **source:** NC-7. **group:** Ames. **other id:** ICA -004. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 14 deg. 11 min. S. **longitude:** 075 deg. 44 min. W. **elevation:** 400m. Annual. Landrace. Seed.
- PI 571522 **donor id:** Ica 5. **origin:** Peru. **collected:** December 1977. **other id:** Ames 8510. **source:** NC-7. **group:** Ames. **other id:** ICA -005. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 14 deg. 11 min. S. **longitude:** 075 deg. 44 min. W. **elevation:** 400m. Annual. Landrace. Seed.
- PI 571523 **donor id:** Ica 8. **origin:** Peru. **collected:** December 1977. **other id:** Ames 8511. **source:** NC-7. **group:** Ames. **other id:** ICA -008. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 14 deg. 11 min. S. **longitude:** 075 deg. 44 min. W. **elevation:** 400m. Annual. Landrace. Seed.
- PI 571524 **donor id:** Ica 9. **origin:** Peru. **collected:** December 1977. **other id:** Ames 8512. **source:** NC-7. **group:** Ames. **other id:** ICA -009. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 14 deg. 11 min. S. **longitude:** 075 deg. 44 min. W. **elevation:** 400m. Annual. Landrace. Seed.

PI 571477 to 571567-continued

- PI 571525 donor id: Ica 13. origin: Peru. collected: December 1977. other id: Ames 8513. source: NC-7. group: Ames. other id: ICA -013. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 14 deg. 50 min. S. longitude: 074 deg. 57 min. W. elevation: 588m. Annual. Landrace. Seed.
- PI 571526 donor id: Ica 18. origin: Peru. collected: February 1980. other id: Ames 8514. source: NC-7. group: Ames. other id: ICA -018. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 14 deg. 04 min. S. longitude: 075 deg. 42 min. W. elevation: 440m. Annual. Landrace. Seed.
- PI 571527 donor id: Ica 19. origin: Peru. collected: February 1980. other id: Ames 8515. source: NC-7. group: Ames. other id: ICA -019. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 14 deg. 04 min. S. longitude: 075 deg. 42 min. W. elevation: 440m. Annual. Landrace. Seed.
- PI 571528 donor id: Ica 23. origin: Peru. collected: February 1980. other id: Ames 8516. source: NC-7. group: Ames. other id: ICA -023. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 13 deg. 57 min. S. longitude: 075 deg. 41 min. W. elevation: 440m. Annual. Landrace. Seed.
- PI 571529 donor id: Ica 29. origin: Peru. collected: February 1980. other id: Ames 8517. source: NC-7. group: Ames. other id: ICA -029. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 14 deg. 04 min. S. longitude: 075 deg. 42 min. W. elevation: 620m. Annual. Landrace. Seed.
- PI 571530 donor id: Ica 35. origin: Peru. collected: February 1980. other id: Ames 8518. source: NC-7. group: Ames. other id: ICA -035. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 14 deg. 50 min. S. longitude: 074 deg. 57 min. W. elevation: 620m. Annual. Landrace. Seed.
- PI 571531 donor id: Ica 36. origin: Peru. collected: February 1980. other id: Ames 8519. source: NC-7. group: Ames. other id: ICA -036. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 14 deg. 50 min. S. longitude: 074 deg. 57 min. W. elevation: 580m. Annual. Landrace. Seed.

PI 571477 to 571567-continued

- PI 571532 **donor id:** Lambayeque 20. **origin:** Peru. **collected:** August 1973. **other id:** Ames 8520. **source:** NC-7. **group:** Ames. **other id:** LBQU-020. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 06 deg. 39 min. S. **longitude:** 079 deg. 24 min. W. **elevation:** 500m. Annual. Landrace. Seed.
- PI 571533 **donor id:** Lambayeque 90. **origin:** Peru. **collected:** December 1977. **other id:** Ames 8521. **source:** NC-7. **group:** Ames. **other id:** LBQU-090. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 06 deg. 54 min. S. **longitude:** 079 deg. 52 min. W. **elevation:** 20m. Annual. Landrace. Seed.
- PI 571534 **donor id:** Lambayeque 129. **origin:** Peru. **collected:** December 1977. **other id:** Ames 8522. **source:** NC-7. **group:** Ames. **other id:** LBQU-129. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 05 deg. 59 min. S. **longitude:** 079 deg. 46 min. W. **elevation:** 170m. Annual. Landrace. Seed.
- PI 571535 **donor id:** Lambayeque 152. **origin:** Peru. **collected:** December 1977. **other id:** Ames 8523. **source:** NC-7. **group:** Ames. **other id:** LBQU-152. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 06 deg. 42 min. S. **longitude:** 079 deg. 55 min. W. **elevation:** 1500m. Annual. Landrace. Seed.
- PI 571536 **donor id:** Libertad 49. **origin:** Peru. **collected:** August 1956. **other id:** Ames 8524. **source:** NC-7. **group:** Ames. **other id:** LIB -049. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 07 deg. 44 min. S. **longitude:** 077 deg. 37 min. W. **elevation:** 2900m. Annual. Landrace. Seed.
- PI 571537 **donor id:** Libertad 51. **origin:** Peru. **collected:** August 1956. **other id:** Ames 8525. **source:** NC-7. **group:** Ames. **other id:** LIB -051. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 07 deg. 44 min. S. **longitude:** 077 deg. 37 min. W. **elevation:** 2800m. Annual. Landrace. Seed.
- PI 571538 **donor id:** Libertad 57. **origin:** Peru. **collected:** August 1956. **other id:** Ames 8526. **source:** NC-7. **group:** Ames. **other id:** LIB -057. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 07 deg. 44 min. S. **longitude:** 077 deg. 37 min. W. **elevation:** 2900m. Annual. Landrace. Seed.

PI 571477 to 571567-continued

- PI 571539 donor id: Libertad 63. origin: Peru. collected: August 1956. other id: Ames 8527. source: NC-7. group: Ames. other id: LIB -063. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 07 deg. 44 min. S. longitude: 077 deg. 37 min. W. elevation: 2800m. Annual. Landrace. Seed.
- PI 571540 donor id: Libertad 139. origin: Peru. collected: June 1976. other id: Ames 8528. source: NC-7. group: Ames. other id: LIB -139. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 08 deg. 09 min. S. longitude: 078 deg. 11 min. W. elevation: 2400m. Annual. Landrace. Seed.
- PI 571541 donor id: Libertad 244. origin: Peru. collected: March 1979. other id: Ames 8529. source: NC-7. group: Ames. other id: LIB -244. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 07 deg. 24 min. S. longitude: 079 deg. 34 min. W. elevation: 40m. Annual. Landrace. Seed.
- PI 571542 donor id: Lima 7. origin: Peru. collected: December 1952. other id: Ames 8532. source: NC-7. group: Ames. other id: LIM -007. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 11 deg. 07 min. S. longitude: 077 deg. 37 min. W. elevation: 40m. Annual. Landrace. Seed.
- PI 571543 donor id: Lima 16. origin: Peru. collected: December 1952. other id: Ames 8535. source: NC-7. group: Ames. other id: LIM -016. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 11 deg. 07 min. S. longitude: 077 deg. 37 min. W. elevation: 50m. Annual. Landrace. Seed.
- PI 571544 donor id: Lima 18. origin: Peru. collected: December 1952. other id: Ames 8536. source: NC-7. group: Ames. other id: LIM -018. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 11 deg. 04 min. S. longitude: 077 deg. 36 min. W. elevation: 130m. Annual. Landrace. Seed.
- PI 571545 donor id: Lima 20. origin: Peru. local name: AMARILLO HUACHANO. collected: December 1952. other id: Ames 8537. source: NC-7. group: Ames. other id: LIM -020. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 11 deg. 07 min. S. longitude: 077 deg. 37 min. W. elevation: 46m. Annual. Landrace. Seed.

PI 571477 to 571567-continued

- PI 571546 **donor id:** Lima 58. **origin:** Peru. **other id:** Ames 8552. **source:** NC-7. **group:** Ames. **other id:** LIM -058. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **elevation:** 0m. Annual. Landrace. Seed.
- PI 571547 **donor id:** Lima 60. **origin:** Peru. **other id:** Ames 8553. **source:** NC-7. **group:** Ames. **other id:** LIM -060. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 12 deg. 03 min. S. **longitude:** 077 deg. 03 min. W. **elevation:** 200m. Annual. Landrace. Seed.
- PI 571548 **donor id:** Lima 84. **origin:** Peru. **collected:** April 1978. **other id:** Ames 8555. **source:** NC-7. **group:** Ames. **other id:** LIM -084. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 05 min. S. **longitude:** 076 deg. 24 min. W. **elevation:** 380m. Annual. Landrace. Seed.
- PI 571549 **donor id:** Moquegua 24. **origin:** Peru. **collected:** August 1978. **other id:** Ames 8558. **source:** NC-7. **group:** Ames. **other id:** MGUA-024. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 17 deg. 12 min. S. **longitude:** 070 deg. 56 min. W. **elevation:** 1437m. Annual. Landrace. Seed.
- PI 571550 **donor id:** Moquegua 25. **origin:** Peru. **collected:** August 1978. **other id:** Ames 8559. **source:** NC-7. **group:** Ames. **other id:** MGUA-025. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 17 deg. 12 min. S. **longitude:** 070 deg. 56 min. W. **elevation:** 1437m. Annual. Landrace. Seed.
- PI 571551 **donor id:** Moquegua 26. **origin:** Peru. **collected:** August 1978. **other id:** Ames 8560. **source:** NC-7. **group:** Ames. **other id:** MGUA-026. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 17 deg. 12 min. S. **longitude:** 070 deg. 56 min. W. **elevation:** 1437m. Annual. Landrace. Seed.
- PI 571552 **donor id:** Piura 201. **origin:** Peru. **collected:** December 1978. **other id:** Ames 8561. **source:** NC-7. **group:** Ames. **other id:** PIU -201. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 04 deg. 54 min. S. **longitude:** 080 deg. 42 min. W. **elevation:** 45m. Annual. Landrace. Seed.
- PI 571553 **donor id:** San Martin 119. **origin:** Peru. **collected:** June 1980. **other id:** Ames 8562. **source:** NC-7. **group:** Ames. **other id:** SMTI-119. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 07 deg. 00 min. S. **longitude:** 077 deg. 00 min. W. **elevation:** 360m. Annual. Landrace. Seed.

PI 571477 to 571567-continued

- PI 571554 **donor id:** Tacna 7. **origin:** Peru. **collected:** January 1978. **other id:** Ames 8564. **source:** NC-7. **group:** Ames. **other id:** TAC -007. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 18 deg. 01 min. S. **longitude:** 070 deg. 15 min. W. **elevation:** 530m. Annual. Landrace. Seed.
- PI 571555 **donor id:** Tacna 8. **origin:** Peru. **collected:** January 1978. **other id:** Ames 8565. **source:** NC-7. **group:** Ames. **other id:** TAC -008. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 18 deg. 01 min. S. **longitude:** 070 deg. 15 min. W. **elevation:** 530m. Annual. Landrace. Seed.
- PI 571556 **donor id:** Tacna 9. **origin:** Peru. **collected:** January 1978. **other id:** Ames 8566. **source:** NC-7. **group:** Ames. **other id:** TAC -009. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 18 deg. 01 min. S. **longitude:** 070 deg. 15 min. W. **elevation:** 530m. Annual. Landrace. Seed.
- PI 571557 **donor id:** Tacna 11. **origin:** Peru. **collected:** January 1978. **other id:** Ames 8567. **source:** NC-7. **group:** Ames. **other id:** TAC -011. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 18 deg. 01 min. S. **longitude:** 070 deg. 15 min. W. **elevation:** 530m. Annual. Landrace. Seed.
- PI 571558 **donor id:** Tacna 12. **origin:** Peru. **collected:** January 1978. **other id:** Ames 8568. **source:** NC-7. **group:** Ames. **other id:** TAC -012. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 18 deg. 01 min. S. **longitude:** 070 deg. 15 min. W. **elevation:** 530m. Annual. Landrace. Seed.
- PI 571559 **donor id:** Tacna 14. **origin:** Peru. **collected:** January 1978. **other id:** Ames 8569. **source:** NC-7. **group:** Ames. **other id:** TAC -014. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 18 deg. 01 min. S. **longitude:** 070 deg. 15 min. W. **elevation:** 500m. Annual. Landrace. Seed.
- PI 571560 **donor id:** Tacna 15. **origin:** Peru. **collected:** January 1978. **other id:** Ames 8570. **source:** NC-7. **group:** Ames. **other id:** TAC -015. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 18 deg. 01 min. S. **longitude:** 070 deg. 15 min. W. **elevation:** 500m. Annual. Landrace. Seed.

PI 571477 to 571567-continued

- PI 571561 **donor id:** Tacna 16. **origin:** Peru. **collected:** January 1978. **other id:** Ames 8571. **source:** NC-7. **group:** Ames. **other id:** TAC -016. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 18 deg. 01 min. S. **longitude:** 070 deg. 15 min. W. **elevation:** 500m. Annual. Landrace. Seed.
- PI 571562 **donor id:** Tacna 17. **origin:** Peru. **collected:** January 1978. **other id:** Ames 8572. **source:** NC-7. **group:** Ames. **other id:** TAC -017. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 18 deg. 01 min. S. **longitude:** 070 deg. 15 min. W. **elevation:** 530m. Annual. Landrace. Seed.
- PI 571563 **donor id:** Tacna 23. **origin:** Peru. **collected:** January 1978. **other id:** Ames 8573. **source:** NC-7. **group:** Ames. **other id:** TAC -023. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 18 deg. 01 min. S. **longitude:** 070 deg. 15 min. W. **elevation:** 1200m. Annual. Landrace. Seed.
- PI 571564 **donor id:** Tacna 24. **origin:** Peru. **collected:** January 1978. **other id:** Ames 8574. **source:** NC-7. **group:** Ames. **other id:** TAC -024. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 18 deg. 01 min. S. **longitude:** 070 deg. 15 min. W. **elevation:** 1200m. Annual. Landrace. Seed.
- PI 571565 **donor id:** Tacna 26. **origin:** Peru. **collected:** January 1978. **other id:** Ames 8575. **source:** NC-7. **group:** Ames. **other id:** TAC -026. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 18 deg. 01 min. S. **longitude:** 070 deg. 15 min. W. **elevation:** 900m. Annual. Landrace. Seed.
- PI 571566 **donor id:** Tacna 53. **origin:** Peru. **collected:** August 1978. **other id:** Ames 8576. **source:** NC-7. **group:** Ames. **other id:** TAC -053. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 18 deg. 01 min. S. **longitude:** 070 deg. 15 min. W. **elevation:** 1200m. Annual. Landrace. Seed.
- PI 571567 **donor id:** Tacna 59. **origin:** Peru. **collected:** August 1978. **other id:** Ames 8577. **source:** NC-7. **group:** Ames. **other id:** TAC -059. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 18 deg. 01 min. S. **longitude:** 070 deg. 15 min. W. **elevation:** 1200m. Annual. Landrace. Seed.

PI 571568 to 571735. Zea mays L. subsp. mays POACEAE Corn

Donated by: Sevilla P., R., Programa Cooperative De Invest. en Maiz, Universidad Nacional Agraria La Molina, La Molina Apartado 456, La Molina, Lima, Peru. **remarks:** Accessions received through a cooperative increase project with the United States Department of Agriculture. Received April 19, 1989.

- PI 571568 **donor id:** Amazonas 15. **origin:** Peru. **collected:** July 1956. **other id:** Ames 10349. **source:** NC-7. **group:** Ames. **other id:** AMAZ-015. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 06 deg. 38 min. S. **longitude:** 078 deg. 15 min. W. **elevation:** 2300m. Annual. Landrace. Seed.
- PI 571569 **donor id:** Amazonas 17. **origin:** Peru. **collected:** July 1956. **other id:** Ames 10350. **source:** NC-7. **group:** Ames. **other id:** AMAZ-017. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 05 deg. 30 min. S. **longitude:** 078 deg. 00 min. W. **elevation:** 2200m. Annual. Landrace. Seed.
- PI 571570 **donor id:** Amazonas 22. **origin:** Peru. **collected:** July 1956. **other id:** Ames 10351. **source:** NC-7. **group:** Ames. **other id:** AMAZ-022. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 06 deg. 13 min. S. **longitude:** 077 deg. 51 min. W. **elevation:** 2300m. Annual. Landrace. Seed.
- PI 571571 **donor id:** Amazonas 28. **origin:** Peru. **collected:** July 1956. **other id:** Ames 10352. **source:** NC-7. **group:** Ames. **other id:** AMAZ-028. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 06 deg. 13 min. S. **longitude:** 077 deg. 51 min. W. **elevation:** 2000m. Annual. Landrace. Seed.
- PI 571572 **donor id:** Amazonas 30. **origin:** Peru. **collected:** July 1956. **other id:** Ames 10353. **source:** NC-7. **group:** Ames. **other id:** AMAZ-030. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 06 deg. 13 min. S. **longitude:** 077 deg. 51 min. W. **elevation:** 2000m. Annual. Landrace. Seed.
- PI 571573 **donor id:** Amazonas 34. **origin:** Peru. **collected:** July 1956. **other id:** Ames 10354. **source:** NC-7. **group:** Ames. **other id:** AMAZ-034. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 06 deg. 13 min. S. **longitude:** 077 deg. 51 min. W. **elevation:** 2000m. Annual. Landrace. Seed.

PI 571568 to 571735-continued

- PI 571574 **donor id:** Amazonas 49. **origin:** Peru. **collected:** May 1980. **other id:** Ames 10355. **source:** NC-7. **group:** Ames. **other id:** AMAZ-049. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 05 deg. 40 min. S. **longitude:** 078 deg. 31 min. W. **elevation:** 760m. Annual. Landrace. Seed.
- PI 571575 **donor id:** Apurimac 35. **origin:** Peru. **collected:** June 1953. **other id:** Ames 10356. **source:** NC-7. **group:** Ames. **other id:** APUC-035. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 39 min. S. **longitude:** 073 deg. 23 min. W. **elevation:** 3000m. Annual. Landrace. Seed.
- PI 571576 **donor id:** Apurimac 42. **origin:** Peru. **collected:** June 1953. **other id:** Ames 10357. **source:** NC-7. **group:** Ames. **other id:** APUC-042. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 27 min. S. **longitude:** 073 deg. 44 min. W. **elevation:** 2200m. Annual. Landrace. Seed.
- PI 571577 **donor id:** Apurimac 56. **origin:** Peru. **collected:** June 1956. **other id:** Ames 10358. **source:** NC-7. **group:** Ames. **other id:** APUC-056. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 14 deg. 19 min. S. **longitude:** 072 deg. 55 min. W. **elevation:** 3600m. Annual. Landrace. Seed.
- PI 571578 **donor id:** Apurimac 57. **origin:** Peru. **collected:** June 1956. **other id:** Ames 10359. **source:** NC-7. **group:** Ames. **other id:** APUC-057. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 14 deg. 19 min. S. **longitude:** 072 deg. 55 min. W. **elevation:** 3600m. Annual. Landrace. Seed.
- PI 571579 **donor id:** Apurimac 59. **origin:** Peru. **collected:** June 1956. **other id:** Ames 10360. **source:** NC-7. **group:** Ames. **other id:** APUC-059. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 14 deg. 19 min. S. **longitude:** 072 deg. 55 min. W. **elevation:** 3330m. Annual. Landrace. Seed.
- PI 571580 **donor id:** Apurimac 60. **origin:** Peru. **collected:** June 1956. **other id:** Ames 10361. **source:** NC-7. **group:** Ames. **other id:** APUC-060. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 14 deg. 19 min. S. **longitude:** 072 deg. 55 min. W. **elevation:** 3330m. Annual. Landrace. Seed.

PI 571568 to 571735-continued

- PI 571581 donor id: Apurimac 61. origin: Peru. collected: June 1956. other id: Ames 10362. source: NC-7. group: Ames. other id: APUC-061. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 14 deg. 19 min. S. longitude: 072 deg. 55 min. W. elevation: 2950m. Annual. Landrace. Seed.
- PI 571582 donor id: Apurimac 75. origin: Peru. collected: June 1956. other id: Ames 10363. source: NC-7. group: Ames. other id: APUC-075. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 13 deg. 35 min. S. longitude: 072 deg. 55 min. W. elevation: 2700m. Annual. Landrace. Seed.
- PI 571583 donor id: Apurimac 81. origin: Peru. collected: June 1956. other id: Ames 10364. source: NC-7. group: Ames. other id: APUC-081. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 13 deg. 35 min. S. longitude: 072 deg. 55 min. W. elevation: 2350m. Annual. Landrace. Seed.
- PI 571584 donor id: Apurimac 83. origin: Peru. collected: June 1956. other id: Ames 10365. source: NC-7. group: Ames. other id: APUC-083. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 13 deg. 39 min. S. longitude: 073 deg. 23 min. W. elevation: 2900m. Annual. Landrace. Seed.
- PI 571585 donor id: Apurimac 90. origin: Peru. collected: June 1956. other id: Ames 10366. source: NC-7. group: Ames. other id: APUC-090. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 13 deg. 39 min. S. longitude: 073 deg. 23 min. W. elevation: 2400m. Annual. Landrace. Seed.
- PI 571586 donor id: Apurimac 95. origin: Peru. other id: Ames 10367. source: NC-7. group: Ames. other id: APUC-095. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 13 deg. 39 min. S. longitude: 073 deg. 23 min. W. elevation: 3100m. Annual. Landrace. Seed.
- PI 571587 donor id: Apurimac 97. origin: Peru. other id: Ames 10368. source: NC-7. group: Ames. other id: APUC-097. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 13 deg. 39 min. S. longitude: 073 deg. 23 min. W. elevation: 3100m. Annual. Landrace. Seed.

PI 571568 to 571735-continued

- PI 571588 **donor id:** Apurimac 99. **origin:** Peru. **other id:** Ames 10369. **source:** NC-7. **group:** Ames. **other id:** APUC-099. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 39 min. S. **longitude:** 073 deg. 23 min. W. **elevation:** 3100m. Annual. Landrace. Seed.
- PI 571589 **donor id:** Apurimac 105. **origin:** Peru. **other id:** Ames 10370. **source:** NC-7. **group:** Ames. **other id:** APUC-105. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 35 min. S. **longitude:** 072 deg. 55 min. W. **elevation:** 2377m. Annual. Landrace. Seed.
- PI 571590 **donor id:** Apurimac 109. **origin:** Peru. **other id:** Ames 10371. **source:** NC-7. **group:** Ames. **other id:** APUC-109. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 35 min. S. **longitude:** 072 deg. 55 min. W. **elevation:** 2377m. Annual. Landrace. Seed.
- PI 571591 **donor id:** Apurimac 116. **origin:** Peru. **other id:** Ames 10372. **source:** NC-7. **group:** Ames. **other id:** APUC-116. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 35 min. S. **longitude:** 072 deg. 55 min. W. **elevation:** 2377m. Annual. Landrace. Seed.
- PI 571592 **donor id:** Apurimac 122. **origin:** Peru. **collected:** June 20, 1968. **other id:** Ames 10373. **source:** NC-7. **group:** Ames. **other id:** APUC-122. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 35 min. S. **longitude:** 072 deg. 55 min. W. **elevation:** 2500m. Annual. Landrace. Seed.
- PI 571593 **donor id:** Apurimac 135. **origin:** Peru. **local name:** Amarillo Cubano. **collected:** June 20, 1968. **other id:** Ames 10374. **source:** NC-7. **group:** Ames. **other id:** APUC-135. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 35 min. S. **longitude:** 072 deg. 55 min. W. **elevation:** 2500m. Annual. Landrace. Seed.
- PI 571594 **donor id:** Apurimac 138. **origin:** Peru. **local name:** Matarino Amarillo. **collected:** 1968. **other id:** Ames 10375. **source:** NC-7. **group:** Ames. **other id:** APUC-138. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 35 min. S. **longitude:** 072 deg. 55 min. W. **elevation:** 2500m. Annual. Landrace. Seed.

PI 571568 to 571735-continued

- PI 571595 donor id: Apurimac 149. origin: Peru. collected: 1968. other id: Ames 10376. source: NC-7. group: Ames. other id: APUC-149. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 13 deg. 35 min. S. longitude: 072 deg. 55 min. W. elevation: 2500m. Annual. Landrace. Seed.
- PI 571596 donor id: Apurimac 186. origin: Peru. collected: June 22, 1968. other id: Ames 10377. source: NC-7. group: Ames. other id: APUC-186. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 13 deg. 35 min. S. longitude: 072 deg. 55 min. W. elevation: 2600m. Annual. Landrace. Seed.
- PI 571597 donor id: Apurimac 192. origin: Peru. collected: June 24, 1968. other id: Ames 10378. source: NC-7. group: Ames. other id: APUC-192. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 13 deg. 39 min. S. longitude: 073 deg. 05 min. W. elevation: 3400m. Annual. Landrace. Seed.
- PI 571598 donor id: Apurimac 194. origin: Peru. collected: June 24, 1968. other id: Ames 10379. source: NC-7. group: Ames. other id: APUC-194. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 13 deg. 39 min. S. longitude: 073 deg. 05 min. W. elevation: 3400m. Annual. Landrace. Seed.
- PI 571599 donor id: Apurimac 196. origin: Peru. collected: June 1968. other id: Ames 10380. source: NC-7. group: Ames. other id: APUC-196. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 13 deg. 39 min. S. longitude: 073 deg. 05 min. W. elevation: 2700m. Annual. Landrace. Seed.
- PI 571600 donor id: Apurimac 197. origin: Peru. collected: June 1968. other id: Ames 10381. source: NC-7. group: Ames. other id: APUC-197. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 13 deg. 39 min. S. longitude: 073 deg. 05 min. W. elevation: 2700m. Annual. Landrace. Seed.
- PI 571601 donor id: Apurimac 220. origin: Peru. collected: 1975. other id: Ames 10382. source: NC-7. group: Ames. other id: APUC-220. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 14 deg. 00 min. S. longitude: 073 deg. 00 min. W. Annual. Landrace. Seed.

PI 571568 to 571735-continued

- PI 571602 **donor id:** Apurimac 223. **origin:** Peru. **collected:** 1975. **other id:** Ames 10383. **source:** NC-7. **group:** Ames. **other id:** APUC-223. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 14 deg. 00 min. S. **longitude:** 073 deg. 00 min. W. **Annual.** Landrace. Seed.
- PI 571603 **donor id:** Apurimac 232. **origin:** Peru. **collected:** June 1976. **other id:** Ames 10384. **source:** NC-7. **group:** Ames. **other id:** APUC-232. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 00 min. S. **longitude:** 073 deg. 00 min. W. **elevation:** 3200m. **Annual.** Landrace. Seed.
- PI 571604 **donor id:** Apurimac 234. **origin:** Peru. **collected:** June 1976. **other id:** Ames 10385. **source:** NC-7. **group:** Ames. **other id:** APUC-234. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 00 min. S. **longitude:** 073 deg. 00 min. W. **elevation:** 3200m. **Annual.** Landrace. Seed.
- PI 571605 **donor id:** Apurimac 237. **origin:** Peru. **collected:** June 1976. **other id:** Ames 10386. **source:** NC-7. **group:** Ames. **other id:** APUC-237. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 00 min. S. **longitude:** 073 deg. 00 min. W. **elevation:** 3200m. **Annual.** Landrace. Seed.
- PI 571606 **donor id:** Apurimac 240. **origin:** Peru. **collected:** June 1976. **other id:** Ames 10387. **source:** NC-7. **group:** Ames. **other id:** APUC-240. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 00 min. S. **longitude:** 073 deg. 00 min. W. **elevation:** 3200m. **Annual.** Landrace. Seed.
- PI 571607 **donor id:** Apurimac 245. **origin:** Peru. **collected:** June 1976. **other id:** Ames 10388. **source:** NC-7. **group:** Ames. **other id:** APUC-245. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 00 min. S. **longitude:** 073 deg. 00 min. W. **elevation:** 2350m. **Annual.** Landrace. Seed.
- PI 571608 **donor id:** Apurimac 256. **origin:** Peru. **collected:** June 1976. **other id:** Ames 10389. **source:** NC-7. **group:** Ames. **other id:** APUC-256. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 00 min. S. **longitude:** 073 deg. 00 min. W. **elevation:** 2350m. **Annual.** Landrace. Seed.

PI 571568 to 571735-continued

- PI 571609 donor id: Apurimac 259. origin: Peru. collected: June 1976. other id: Ames 10390. source: NC-7. group: Ames. other id: APUC-259. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 13 deg. 35 min. S. longitude: 072 deg. 55 min. W. elevation: 3700m. Annual. Landrace. Seed.
- PI 571610 donor id: Apurimac 262. origin: Peru. collected: June 1976. other id: Ames 10391. source: NC-7. group: Ames. other id: APUC-262. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 13 deg. 35 min. S. longitude: 072 deg. 55 min. W. elevation: 3400m. Annual. Landrace. Seed.
- PI 571611 donor id: Apurimac 264. origin: Peru. collected: June 1976. other id: Ames 10392. source: NC-7. group: Ames. other id: APUC-264. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 13 deg. 35 min. S. longitude: 072 deg. 55 min. W. elevation: 3300m. Annual. Landrace. Seed.
- PI 571612 donor id: Apurimac 268. origin: Peru. collected: June 1976. other id: Ames 10393. source: NC-7. group: Ames. other id: APUC-268. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 14 deg. 17 min. S. longitude: 073 deg. 15 min. W. elevation: 3500m. Annual. Landrace. Seed.
- PI 571613 donor id: Apurimac 269. origin: Peru. collected: June 1976. other id: Ames 10394. source: NC-7. group: Ames. other id: APUC-269. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 14 deg. 17 min. S. longitude: 073 deg. 15 min. W. elevation: 3300m. Annual. Landrace. Seed.
- PI 571614 donor id: Apurimac 274. origin: Peru. collected: June 1976. other id: Ames 10395. source: NC-7. group: Ames. other id: APUC-274. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 14 deg. 24 min. S. longitude: 073 deg. 09 min. W. elevation: 3100m. Annual. Landrace. Seed.
- PI 571615 donor id: Apurimac 276. origin: Peru. collected: 1976. other id: Ames 10396. source: NC-7. group: Ames. other id: APUC-276. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. Annual. Landrace. Seed.

PI 571568 to 571735-continued

- PI 571616 donor id: Apurimac 279. origin: Peru. collected: June 1976. other id: Ames 10397. source: NC-7. group: Ames. other id: APUC-279. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 13 deg. 39 min. S. longitude: 073 deg. 23 min. W. elevation: 3080m. Annual. Landrace. Seed.
- PI 571617 donor id: Apurimac 280. origin: Peru. collected: June 1976. other id: Ames 10398. source: NC-7. group: Ames. other id: APUC-280. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 13 deg. 39 min. S. longitude: 073 deg. 23 min. W. elevation: 3130m. Annual. Landrace. Seed.
- PI 571618 donor id: Cajamarca 193. origin: Peru. collected: May 1980. other id: Ames 10399. source: NC-7. group: Ames. other id: CAJ -193. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 05 deg. 42 min. S. longitude: 078 deg. 47 min. W. elevation: 500m. Annual. Landrace. Seed.
- PI 571619 donor id: Cajamarca 196. origin: Peru. collected: May 1980. other id: Ames 10400. source: NC-7. group: Ames. other id: CAJ -196. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 05 deg. 42 min. S. longitude: 078 deg. 47 min. W. elevation: 500m. Annual. Landrace. Seed.
- PI 571620 donor id: Cajamarca 197. origin: Peru. collected: May 1980. other id: Ames 10401. source: NC-7. group: Ames. other id: CAJ -197. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 05 deg. 42 min. S. longitude: 078 deg. 47 min. W. elevation: 500m. Annual. Landrace. Seed.
- PI 571621 donor id: Cajamarca 199. origin: Peru. collected: May 1980. other id: Ames 10402. source: NC-7. group: Ames. other id: CAJ -199. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 05 deg. 42 min. S. longitude: 078 deg. 47 min. W. elevation: 560m. Annual. Landrace. Seed.
- PI 571622 donor id: Cajamarca 210. origin: Peru. collected: May 1980. other id: Ames 10403. source: NC-7. group: Ames. other id: CAJ -210. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 05 deg. 00 min. S. longitude: 079 deg. 00 min. W. elevation: 1100m. Annual. Landrace. Seed.

PI 571568 to 571735-continued

- PI 571623 donor id: Cajamarca 212. origin: Peru. collected: May 1980. other id: Ames 10404. source: NC-7. group: Ames. other id: CAJ -212. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 05 deg. 00 min. S. longitude: 079 deg. 00 min. W. elevation: 980m. Annual. Landrace. Seed.
- PI 571624 donor id: Cajamarca 213. origin: Peru. collected: May 1980. other id: Ames 10405. source: NC-7. group: Ames. other id: CAJ -213. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 05 deg. 00 min. S. longitude: 079 deg. 00 min. W. elevation: 980m. Annual. Landrace. Seed.
- PI 571625 donor id: Cajamarca 215. origin: Peru. collected: May 1980. other id: Ames 10406. source: NC-7. group: Ames. other id: CAJ -215. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 05 deg. 00 min. S. longitude: 079 deg. 00 min. W. elevation: 960m. Annual. Landrace. Seed.
- PI 571626 donor id: Cajamarca 218. origin: Peru. collected: May 1980. other id: Ames 10407. source: NC-7. group: Ames. other id: CAJ -218. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 05 deg. 00 min. S. longitude: 079 deg. 00 min. W. elevation: 900m. Annual. Landrace. Seed.
- PI 571627 donor id: Cajamarca 220. origin: Peru. collected: May 1980. other id: Ames 10408. source: NC-7. group: Ames. other id: CAJ -220. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 05 deg. 00 min. S. longitude: 079 deg. 00 min. W. elevation: 640m. Annual. Landrace. Seed.
- PI 571628 donor id: Cajamarca 221. origin: Peru. collected: May 1980. other id: Ames 10409. source: NC-7. group: Ames. other id: CAJ -221. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 05 deg. 00 min. S. longitude: 079 deg. 00 min. W. elevation: 1200m. Annual. Landrace. Seed.
- PI 571629 donor id: Cuzco 22. origin: Peru. local name: Iguriado. collected: 1954. other id: Ames 10423. source: NC-7. group: Ames. other id: CUZ -022. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 12 deg. 49 min. S. longitude: 072 deg. 43 min. W. elevation: 1080m. Annual. Landrace. Seed.

PI 571568 to 571735-continued

- PI 571630 **donor id:** Cuzco 109. **origin:** Peru. **local name:** Morochuco. **collected:** June 1953. **other id:** Ames 10425. **source:** NC-7. **group:** Ames. **other id:** CUZ -109. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 00 min. S. **longitude:** 073 deg. 00 min. W. **elevation:** 1200m. Annual. Landrace. Seed.
- PI 571631 **donor id:** Cuzco 115. **origin:** Peru. **local name:** Perisincó. **collected:** June 1953. **other id:** Ames 10426. **source:** NC-7. **group:** Ames. **other id:** CUZ -115. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 00 min. S. **longitude:** 073 deg. 00 min. W. **elevation:** 1080m. Annual. Landrace. Seed.
- PI 571632 **donor id:** Cuzco 119. **origin:** Peru. **local name:** Laurel. **collected:** June 1953. **other id:** Ames 10428. **source:** NC-7. **group:** Ames. **other id:** CUZ -119. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 12 deg. 49 min. S. **longitude:** 072 deg. 43 min. W. **elevation:** 1200m. Annual. Landrace. Seed.
- PI 571633 **donor id:** Cuzco 245. **origin:** Peru. **other id:** Ames 10429. **source:** NC-7. **group:** Ames. **other id:** CUZ -245. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 12 deg. 49 min. S. **longitude:** 072 deg. 43 min. W. **elevation:** 1000m. Annual. Landrace. Seed.
- PI 571634 **donor id:** Cuzco 254. **origin:** Peru. **other id:** Ames 10430. **source:** NC-7. **group:** Ames. **other id:** CUZ -254. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 12 deg. 49 min. S. **longitude:** 072 deg. 43 min. W. **elevation:** 1300m. Annual. Landrace. Seed.
- PI 571635 **donor id:** Cuzco 255. **origin:** Peru. **other id:** Ames 10431. **source:** NC-7. **group:** Ames. **other id:** CUZ -255. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 12 deg. 49 min. S. **longitude:** 072 deg. 43 min. W. **elevation:** 1100m. Annual. Landrace. Seed.
- PI 571636 **donor id:** Cuzco 326. **origin:** Peru. **collected:** July 1975. **other id:** Ames 10432. **source:** NC-7. **group:** Ames. **other id:** CUZ -326. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 00 min. S. **longitude:** 073 deg. 00 min. W. **elevation:** 585m. Annual. Landrace. Seed.

PI 571568 to 571735-continued

- PI 571637 **donor id:** Cuzco 329. **origin:** Peru. **collected:** July 1975. **other id:** Ames 10433. **source:** NC-7. **group:** Ames. **other id:** CUZ -329. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 00 min. S. **longitude:** 073 deg. 00 min. W. **elevation:** 660m. Annual. Landrace. Seed.
- PI 571638 **donor id:** Huanuco 175. **origin:** Peru. **collected:** April 1980. **other id:** Ames 10434. **source:** NC-7. **group:** Ames. **other id:** HCO -175. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 09 deg. 00 min. S. **longitude:** 076 deg. 00 min. W. **elevation:** 600m. Annual. Landrace. Seed.
- PI 571639 **donor id:** Huanuco 176. **origin:** Peru. **collected:** April 1980. **other id:** Ames 10435. **source:** NC-7. **group:** Ames. **other id:** HCO -176. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 09 deg. 00 min. S. **longitude:** 076 deg. 00 min. W. **elevation:** 600m. Annual. Landrace. Seed.
- PI 571640 **donor id:** Huanuco 184. **origin:** Peru. **collected:** August 1981. **other id:** Ames 10436. **source:** NC-7. **group:** Ames. **other id:** HCO -184. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 10 deg. 04 min. S. **longitude:** 075 deg. 32 min. W. **elevation:** 880m. Annual. Landrace. Seed.
- PI 571641 **donor id:** Huanuco 189. **origin:** Peru. **collected:** August 1981. **other id:** Ames 10437. **source:** NC-7. **group:** Ames. **other id:** HCO -189. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 10 deg. 04 min. S. **longitude:** 075 deg. 32 min. W. **elevation:** 850m. Annual. Landrace. Seed.
- PI 571642 **donor id:** Huanuco 190. **origin:** Peru. **collected:** August 1981. **other id:** Ames 10438. **source:** NC-7. **group:** Ames. **other id:** HCO -190. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 10 deg. 04 min. S. **longitude:** 075 deg. 32 min. W. **elevation:** 860m. Annual. Landrace. Seed.
- PI 571643 **donor id:** Huanuco 207. **origin:** Peru. **collected:** September 1981. **other id:** Ames 10439. **source:** NC-7. **group:** Ames. **other id:** HCO -207. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 09 deg. 00 min. S. **longitude:** 075 deg. 00 min. W. Annual. Landrace. Seed.

PI 571568 to 571735-continued

- PI 571644 **donor id:** Huanuco 208. **origin:** Peru. **collected:** September 1981. **other id:** Ames 10440. **source:** NC-7. **group:** Ames. **other id:** HCO -208. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 10 deg. 00 min. S. **longitude:** 076 deg. 00 min. W. **Annual.** Landrace. Seed.
- PI 571645 **donor id:** Huanuco 209. **origin:** Peru. **collected:** September 1981. **other id:** Ames 10441. **source:** NC-7. **group:** Ames. **other id:** HCO -209. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 10 deg. 00 min. S. **longitude:** 076 deg. 00 min. W. **Annual.** Landrace. Seed.
- PI 571646 **donor id:** Huanuco 211. **origin:** Peru. **collected:** September 1981. **other id:** Ames 10442. **source:** NC-7. **group:** Ames. **other id:** HCO -211. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 10 deg. 00 min. S. **longitude:** 076 deg. 00 min. W. **Annual.** Landrace. Seed.
- PI 571647 **donor id:** Huanuco 212. **origin:** Peru. **other id:** Ames 10443. **source:** NC-7. **group:** Ames. **other id:** HCO -212. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **Annual.** Landrace. Seed.
- PI 571648 **donor id:** Junin 97. **origin:** Peru. **other id:** Ames 10444. **source:** NC-7. **group:** Ames. **other id:** JUN -097. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 11 deg. 16 min. S. **longitude:** 074 deg. 37 min. W. **elevation:** 850m. **Annual.** Landrace. Seed.
- PI 571649 **donor id:** Junin 216. **origin:** Peru. **collected:** July 1980. **other id:** Ames 10445. **source:** NC-7. **group:** Ames. **other id:** JUN -216. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 11 deg. 16 min. S. **longitude:** 074 deg. 37 min. W. **elevation:** 950m. **Annual.** Landrace. Seed.
- PI 571650 **donor id:** Junin 219. **origin:** Peru. **collected:** July 1980. **other id:** Ames 10446. **source:** NC-7. **group:** Ames. **other id:** JUN -219. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 11 deg. 16 min. S. **longitude:** 074 deg. 37 min. W. **elevation:** 950m. **Annual.** Landrace. Seed.
- PI 571651 **donor id:** Junin 225. **origin:** Peru. **collected:** July 1980. **other id:** Ames 10447. **source:** NC-7. **group:** Ames. **other id:** JUN -225. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 11 deg. 00 min. S. **longitude:** 075 deg. 00 min. W. **elevation:** 1500m. **Annual.** Landrace. Seed.

PI 571568 to 571735-continued

- PI 571652 donor id: Junin 234. origin: Peru. collected: July 1980. other id: Ames 10448. source: NC-7. group: Ames. other id: JUN -234. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 11 deg. 16 min. S. longitude: 074 deg. 37 min. W. elevation: 380m. Annual. Landrace. Seed.
- PI 571653 donor id: Junin 235. origin: Peru. collected: July 1980. other id: Ames 10449. source: NC-7. group: Ames. other id: JUN -235. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 11 deg. 16 min. S. longitude: 074 deg. 37 min. W. elevation: 420m. Annual. Landrace. Seed.
- PI 571654 donor id: Junin 241. origin: Peru. collected: July 1980. other id: Ames 10450. source: NC-7. group: Ames. other id: JUN -241. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 11 deg. 16 min. S. longitude: 074 deg. 37 min. W. elevation: 950m. Annual. Landrace. Seed.
- PI 571655 donor id: Loreto 22. origin: Peru. collected: December 1979. other id: Ames 10451. source: NC-7. group: Ames. other id: LOR -022. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 11 deg. 00 min. S. longitude: 074 deg. 00 min. W. elevation: 279m. Annual. Landrace. Seed.
- PI 571656 donor id: Loreto 29. origin: Peru. collected: December 1979. other id: Ames 10452. source: NC-7. group: Ames. other id: LOR -029. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 11 deg. 00 min. S. longitude: 074 deg. 00 min. W. elevation: 272m. Annual. Landrace. Seed.
- PI 571657 donor id: Loreto 30. origin: Peru. collected: 1981. other id: Ames 10453. source: NC-7. group: Ames. other id: LOR -030. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. Annual. Landrace. Seed.
- PI 571658 donor id: Loreto 38. origin: Peru. collected: 1981. other id: Ames 10454. source: NC-7. group: Ames. other id: LOR -038. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. Annual. Landrace. Seed.
- PI 571659 donor id: Loreto 42. origin: Peru. other id: Ames 10455. source: NC-7. group: Ames. other id: LOR -042. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. Annual. Landrace. Seed.

PI 571568 to 571735-continued

- PI 571660 **donor id:** Loreto 43. **origin:** Peru. **other id:** Ames 10456. **source:** NC-7. **group:** Ames. **other id:** LOR -043. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. Annual. Landrace. Seed.
- PI 571661 **donor id:** Loreto 44. **origin:** Peru. **other id:** Ames 10457. **source:** NC-7. **group:** Ames. **other id:** LOR -044. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. Annual. Landrace. Seed.
- PI 571662 **donor id:** Loreto 45. **origin:** Peru. **other id:** Ames 10458. **source:** NC-7. **group:** Ames. **other id:** LOR -045. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. Annual. Landrace. Seed.
- PI 571663 **donor id:** Madre de Dios 14. **origin:** Peru. **local name:** De Pollito. **collected:** June 16, 1968. **other id:** Ames 10460. **source:** NC-7. **group:** Ames. **other id:** M.DI-014. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 12 deg. 36 min. S. **longitude:** 069 deg. 11 min. W. **elevation:** 300m. Annual. Landrace. Seed.
- PI 571664 **donor id:** Madre de Dios 24. **origin:** Peru. **collected:** April 1980. **other id:** Ames 10461. **source:** NC-7. **group:** Ames. **other id:** M.DI-024. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 41 min. S. **longitude:** 069 deg. 32 min. W. **elevation:** 310m. Annual. Landrace. Seed.
- PI 571665 **donor id:** Madre de Dios 26. **origin:** Peru. **collected:** April 1980. **other id:** Ames 10462. **source:** NC-7. **group:** Ames. **other id:** M.DI-026. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 41 min. S. **longitude:** 069 deg. 32 min. W. **elevation:** 230m. Annual. Landrace. Seed.
- PI 571666 **donor id:** Madre de Dios 29. **origin:** Peru. **collected:** April 1980. **other id:** Ames 10463. **source:** NC-7. **group:** Ames. **other id:** M.DI-029. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 41 min. S. **longitude:** 069 deg. 32 min. W. **elevation:** 300m. Annual. Landrace. Seed.
- PI 571667 **donor id:** Madre de Dios 30. **origin:** Peru. **collected:** April 1980. **other id:** Ames 10464. **source:** NC-7. **group:** Ames. **other id:** M.DI-030. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 41 min. S. **longitude:** 069 deg. 32 min. W. **elevation:** 300m. Annual. Landrace. Seed.

PI 571568 to 571735-continued

- PI 571668 **donor id:** Madre de Dios 32. **origin:** Peru. **collected:** April 1980. **other id:** Ames 10465. **source:** NC-7. **group:** Ames. **other id:** M.DI-032. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 41 min. S. **longitude:** 069 deg. 32 min. W. **elevation:** 180m. Annual. Landrace. Seed.
- PI 571669 **donor id:** Madre de Dios 36. **origin:** Peru. **collected:** April 1980. **other id:** Ames 10466. **source:** NC-7. **group:** Ames. **other id:** M.DI-036. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 41 min. S. **longitude:** 069 deg. 32 min. W. **elevation:** 180m. Annual. Landrace. Seed.
- PI 571670 **donor id:** Madre de Dios 37. **origin:** Peru. **collected:** April 1980. **other id:** Ames 10467. **source:** NC-7. **group:** Ames. **other id:** M.DI-037. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 41 min. S. **longitude:** 069 deg. 32 min. W. **elevation:** 180m. Annual. Landrace. Seed.
- PI 571671 **donor id:** Madre de Dios 38. **origin:** Peru. **collected:** April 1980. **other id:** Ames 10468. **source:** NC-7. **group:** Ames. **other id:** M.DI-038. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 41 min. S. **longitude:** 069 deg. 32 min. W. **elevation:** 200m. Annual. Landrace. Seed.
- PI 571672 **donor id:** Madre de Dios 41. **origin:** Peru. **collected:** April 1980. **other id:** Ames 10469. **source:** NC-7. **group:** Ames. **other id:** M.DI-041. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 41 min. S. **longitude:** 069 deg. 32 min. W. **elevation:** 200m. Annual. Landrace. Seed.
- PI 571673 **donor id:** Madre de Dios 43. **origin:** Peru. **collected:** April 1980. **other id:** Ames 10470. **source:** NC-7. **group:** Ames. **other id:** M.DI-043. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 41 min. S. **longitude:** 069 deg. 32 min. W. **elevation:** 280m. Annual. Landrace. Seed.
- PI 571674 **donor id:** Madre de Dios 45. **origin:** Peru. **collected:** April 1980. **other id:** Ames 10471. **source:** NC-7. **group:** Ames. **other id:** M.DI-045. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 41 min. S. **longitude:** 069 deg. 32 min. W. **elevation:** 280m. Annual. Landrace. Seed.

PI 571568 to 571735-continued

- PI 571675 **donor id:** Madre de Dios 46. **origin:** Peru. **collected:** April 1980. **other id:** Ames 10472. **source:** NC-7. **group:** Ames. **other id:** M.DI-046. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 41 min. S. **longitude:** 069 deg. 32 min. W. **elevation:** 300m. Annual. Landrace. Seed.
- PI 571676 **donor id:** Madre de Dios 47. **origin:** Peru. **collected:** April 1980. **other id:** Ames 10473. **source:** NC-7. **group:** Ames. **other id:** M.DI-047. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 41 min. S. **longitude:** 069 deg. 32 min. W. **elevation:** 300m. Annual. Landrace. Seed.
- PI 571677 **donor id:** Madre de Dios 49. **origin:** Peru. **collected:** April 1980. **other id:** Ames 10474. **source:** NC-7. **group:** Ames. **other id:** M.DI-049. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 41 min. S. **longitude:** 069 deg. 32 min. W. **elevation:** 280m. Annual. Landrace. Seed.
- PI 571678 **donor id:** Pasco 11. **origin:** Peru. **collected:** July 1980. **other id:** Ames 10410. **source:** NC-7. **group:** Ames. **other id:** PAS -011. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 10 deg. 34 min. S. **longitude:** 075 deg. 24 min. W. **elevation:** 900m. Annual. Landrace. Seed.
- PI 571679 **donor id:** Pasco 14. **origin:** Peru. **collected:** July 1980. **other id:** Ames 10411. **source:** NC-7. **group:** Ames. **other id:** PAS -014. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 10 deg. 34 min. S. **longitude:** 075 deg. 24 min. W. **elevation:** 850m. Annual. Landrace. Seed.
- PI 571680 **donor id:** Pasco 16. **origin:** Peru. **collected:** July 1980. **other id:** Ames 10412. **source:** NC-7. **group:** Ames. **other id:** PAS -016. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 10 deg. 20 min. S. **longitude:** 074 deg. 54 min. W. **elevation:** 300m. Annual. Landrace. Seed.
- PI 571681 **donor id:** Pasco 17. **origin:** Peru. **collected:** July 1980. **other id:** Ames 10413. **source:** NC-7. **group:** Ames. **other id:** PAS -017. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 10 deg. 20 min. S. **longitude:** 074 deg. 54 min. W. **elevation:** 300m. Annual. Landrace. Seed.

PI 571568 to 571735-continued

- PI 571682 donor id: Pasco 18. origin: Peru. collected: July 1980. other id: Ames 10414. source: NC-7. group: Ames. other id: PAS -018. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 10 deg. 20 min. S. longitude: 074 deg. 54 min. W. elevation: 290m. Annual. Landrace. Seed.
- PI 571683 donor id: Pasco 20. origin: Peru. collected: July 1980. other id: Ames 10415. source: NC-7. group: Ames. other id: PAS -020. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 10 deg. 20 min. S. longitude: 074 deg. 54 min. W. elevation: 300m. Annual. Landrace. Seed.
- PI 571684 donor id: Pasco 29. origin: Peru. collected: September 1981. other id: Ames 10416. source: NC-7. group: Ames. other id: PAS -029. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 10 deg. 20 min. S. longitude: 074 deg. 54 min. W. elevation: 294m. Annual. Landrace. Seed.
- PI 571685 donor id: Pasco 30. origin: Peru. collected: September 1981. other id: Ames 10417. source: NC-7. group: Ames. other id: PAS -030. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 10 deg. 20 min. S. longitude: 074 deg. 54 min. W. elevation: 280m. Annual. Landrace. Seed.
- PI 571686 donor id: Pasco 31. origin: Peru. collected: September 1981. other id: Ames 10418. source: NC-7. group: Ames. other id: PAS -031. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 09 deg. 54 min. S. longitude: 074 deg. 58 min. W. elevation: 550m. Annual. Landrace. Seed.
- PI 571687 donor id: Pasco 32. origin: Peru. collected: September 1981. other id: Ames 10419. source: NC-7. group: Ames. other id: PAS -032. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 10 deg. 34 min. S. longitude: 075 deg. 24 min. W. elevation: 550m. Annual. Landrace. Seed.
- PI 571688 donor id: Pasco 33. origin: Peru. collected: September 1981. other id: Ames 10420. source: NC-7. group: Ames. other id: PAS -033. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 10 deg. 34 min. S. longitude: 075 deg. 24 min. W. elevation: 550m. Annual. Landrace. Seed.

PI 571568 to 571735-continued

- PI 571689 **donor id:** Pasco 35. **origin:** Peru. **collected:** September 1981. **other id:** Ames 10421. **source:** NC-7. **group:** Ames. **other id:** PAS -035. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 10 deg. 34 min. S. **longitude:** 075 deg. 24 min. W. **elevation:** 550m. Annual. Landrace. Seed.
- PI 571690 **donor id:** Pasco 36. **origin:** Peru. **collected:** September 1981. **other id:** Ames 10422. **source:** NC-7. **group:** Ames. **other id:** PAS -036. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 10 deg. 34 min. S. **longitude:** 075 deg. 24 min. W. **elevation:** 560m. Annual. Landrace. Seed.
- PI 571691 **donor id:** San Martin 1. **origin:** Peru. **other id:** Ames 10475. **source:** NC-7. **group:** Ames. **other id:** SMTI-001. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 07 deg. 00 min. S. **longitude:** 077 deg. 00 min. W. **elevation:** 250m. Annual. Landrace. Seed.
- PI 571692 **donor id:** San Martin 5. **origin:** Peru. **other id:** Ames 10476. **source:** NC-7. **group:** Ames. **other id:** SMTI-005. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 06 deg. 03 min. S. **longitude:** 076 deg. 58 min. W. **elevation:** 940m. Annual. Landrace. Seed.
- PI 571693 **donor id:** San Martin 6. **origin:** Peru. **other id:** Ames 10477. **source:** NC-7. **group:** Ames. **other id:** SMTI-006. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 06 deg. 03 min. S. **longitude:** 076 deg. 58 min. W. **elevation:** 940m. Annual. Landrace. Seed.
- PI 571694 **donor id:** San Martin 8. **origin:** Peru. **other id:** Ames 10478. **source:** NC-7. **group:** Ames. **other id:** SMTI-008. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 06 deg. 03 min. S. **longitude:** 076 deg. 58 min. W. **elevation:** 940m. Annual. Landrace. Seed.
- PI 571695 **donor id:** San Martin 10. **origin:** Peru. **other id:** Ames 10479. **source:** NC-7. **group:** Ames. **other id:** SMTI-010. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 06 deg. 28 min. S. **longitude:** 076 deg. 28 min. W. **elevation:** 320m. Annual. Landrace. Seed.

PI 571568 to 571735-continued

- PI 571696 donor id: San Martin 13. origin: Peru. other id: Ames 10480. source: NC-7. group: Ames. other id: SMTI-013. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 06 deg. 28 min. S. longitude: 076 deg. 28 min. W. elevation: 340m. Annual. Landrace. Seed.
- PI 571697 donor id: San Martin 17. origin: Peru. other id: Ames 10481. source: NC-7. group: Ames. other id: SMTI-017. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 07 deg. 00 min. S. longitude: 076 deg. 50 min. W. elevation: 450m. Annual. Landrace. Seed.
- PI 571698 donor id: San Martin 19. origin: Peru. other id: Ames 10482. source: NC-7. group: Ames. other id: SMTI-019. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 06 deg. 00 min. S. longitude: 076 deg. 00 min. W. elevation: 314m. Annual. Landrace. Seed.
- PI 571699 donor id: San Martin 20. origin: Peru. other id: Ames 10483. source: NC-7. group: Ames. other id: SMTI-020. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 06 deg. 00 min. S. longitude: 076 deg. 00 min. W. elevation: 314m. Annual. Landrace. Seed.
- PI 571700 donor id: San Martin 21. origin: Peru. other id: Ames 10484. source: NC-7. group: Ames. other id: SMTI-021. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 06 deg. 00 min. S. longitude: 076 deg. 00 min. W. elevation: 314m. Annual. Landrace. Seed.
- PI 571701 donor id: San Martin 23. origin: Peru. collected: December 1979. other id: Ames 10485. source: NC-7. group: Ames. other id: SMTI-023. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 06 deg. 25 min. S. longitude: 076 deg. 35 min. W. elevation: 940m. Annual. Landrace. Seed.
- PI 571702 donor id: San Martin 25. origin: Peru. collected: December 1979. other id: Ames 10486. source: NC-7. group: Ames. other id: SMTI-025. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 06 deg. 05 min. S. longitude: 077 deg. 09 min. W. elevation: 900m. Annual. Landrace. Seed.

PI 571568 to 571735-continued

- PI 571703 **donor id:** San Martin 28. **origin:** Peru. **collected:** December 1979. **other id:** Ames 10487. **source:** NC-7. **group:** Ames. **other id:** SMTI-028. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 06 deg. 07 min. S. **longitude:** 076 deg. 57 min. W. **elevation:** 840m. Annual. Landrace. Seed.
- PI 571704 **donor id:** San Martin 35. **origin:** Peru. **collected:** December 1979. **other id:** Ames 10488. **source:** NC-7. **group:** Ames. **other id:** SMTI-035. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 06 deg. 03 min. S. **longitude:** 076 deg. 58 min. W. **elevation:** 870m. Annual. Landrace. Seed.
- PI 571705 **donor id:** San Martin 36. **origin:** Peru. **collected:** December 1979. **other id:** Ames 10489. **source:** NC-7. **group:** Ames. **other id:** SMTI-036. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 06 deg. 03 min. S. **longitude:** 076 deg. 58 min. W. **elevation:** 700m. Annual. Landrace. Seed.
- PI 571706 **donor id:** San Martin 38. **origin:** Peru. **collected:** December 1979. **other id:** Ames 10490. **source:** NC-7. **group:** Ames. **other id:** SMTI-038. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 06 deg. 03 min. S. **longitude:** 076 deg. 58 min. W. **elevation:** 700m. Annual. Landrace. Seed.
- PI 571707 **donor id:** San Martin 39. **origin:** Peru. **collected:** December 1979. **other id:** Ames 10491. **source:** NC-7. **group:** Ames. **other id:** SMTI-039. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 06 deg. 03 min. S. **longitude:** 076 deg. 58 min. W. **elevation:** 860m. Annual. Landrace. Seed.
- PI 571708 **donor id:** San Martin 41. **origin:** Peru. **collected:** December 1979. **other id:** Ames 10492. **source:** NC-7. **group:** Ames. **other id:** SMTI-041. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 06 deg. 05 min. S. **longitude:** 077 deg. 09 min. W. **elevation:** 890m. Annual. Landrace. Seed.
- PI 571709 **donor id:** San Martin 44. **origin:** Peru. **collected:** December 1979. **other id:** Ames 10493. **source:** NC-7. **group:** Ames. **other id:** SMTI-044. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 06 deg. 05 min. S. **longitude:** 077 deg. 09 min. W. **elevation:** 890m. Annual. Landrace. Seed.

PI 571568 to 571735-continued

- PI 571710 **donor id:** San Martin 45. **origin:** Peru. **collected:** December 1979. **other id:** Ames 10494. **source:** NC-7. **group:** Ames. **other id:** SMTI-045. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 06 deg. 05 min. S. **longitude:** 077 deg. 09 min. W. **elevation:** 900m. Annual. Landrace. Seed.
- PI 571711 **donor id:** San Martin 51. **origin:** Peru. **collected:** December 1979. **other id:** Ames 10495. **source:** NC-7. **group:** Ames. **other id:** SMTI-051. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 06 deg. 03 min. S. **longitude:** 076 deg. 58 min. W. **elevation:** 900m. Annual. Landrace. Seed.
- PI 571712 **donor id:** San Martin 52. **origin:** Peru. **collected:** December 1979. **other id:** Ames 10496. **source:** NC-7. **group:** Ames. **other id:** SMTI-052. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 06 deg. 03 min. S. **longitude:** 076 deg. 58 min. W. **elevation:** 870m. Annual. Landrace. Seed.
- PI 571713 **donor id:** San Martin 53. **origin:** Peru. **collected:** December 1979. **other id:** Ames 10497. **source:** NC-7. **group:** Ames. **other id:** SMTI-053. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 06 deg. 03 min. S. **longitude:** 076 deg. 58 min. W. **elevation:** 870m. Annual. Landrace. Seed.
- PI 571714 **donor id:** San Martin 55. **origin:** Peru. **collected:** December 1979. **other id:** Ames 10498. **source:** NC-7. **group:** Ames. **other id:** SMTI-055. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 06 deg. 05 min. S. **longitude:** 077 deg. 09 min. W. **elevation:** 900m. Annual. Landrace. Seed.
- PI 571715 **donor id:** San Martin 71. **origin:** Peru. **collected:** January 1980. **other id:** Ames 10499. **source:** NC-7. **group:** Ames. **other id:** SMTI-071. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 06 deg. 30 min. S. **longitude:** 076 deg. 25 min. W. **elevation:** 270m. Annual. Landrace. Seed.
- PI 571716 **donor id:** San Martin 72. **origin:** Peru. **collected:** January 1980. **other id:** Ames 10500. **source:** NC-7. **group:** Ames. **other id:** SMTI-072. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 06 deg. 25 min. S. **longitude:** 076 deg. 35 min. W. **elevation:** 400m. Annual. Landrace. Seed.

PI 571568 to 571735-continued

- PI 571717 **donor id:** San Martin 74. **origin:** Peru. **collected:** January 1980. **other id:** Ames 10501. **source:** NC-7. **group:** Ames. **other id:** SMTI-074. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 06 deg. 25 min. S. **longitude:** 076 deg. 35 min. W. **elevation:** 200m. Annual. Landrace. Seed.
- PI 571718 **donor id:** San Martin 88. **origin:** Peru. **collected:** February 1980. **other id:** Ames 10502. **source:** NC-7. **group:** Ames. **other id:** SMTI-088. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 06 deg. 25 min. S. **longitude:** 076 deg. 35 min. W. **elevation:** 350m. Annual. Landrace. Seed.
- PI 571719 **donor id:** San Martin 95. **origin:** Peru. **collected:** March 1980. **other id:** Ames 10503. **source:** NC-7. **group:** Ames. **other id:** SMTI-095. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 06 deg. 35 min. S. **longitude:** 076 deg. 21 min. W. **elevation:** 200m. Annual. Landrace. Seed.
- PI 571720 **donor id:** San Martin 96. **origin:** Peru. **collected:** March 1980. **other id:** Ames 10504. **source:** NC-7. **group:** Ames. **other id:** SMTI-096. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 06 deg. 25 min. S. **longitude:** 076 deg. 35 min. W. **elevation:** 600m. Annual. Landrace. Seed.
- PI 571721 **donor id:** San Martin 98. **origin:** Peru. **collected:** March 1980. **other id:** Ames 10505. **source:** NC-7. **group:** Ames. **other id:** SMTI-098. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 06 deg. 30 min. S. **longitude:** 076 deg. 25 min. W. **elevation:** 280m. Annual. Landrace. Seed.
- PI 571722 **donor id:** San Martin 106. **origin:** Peru. **collected:** April 1980. **other id:** Ames 10506. **source:** NC-7. **group:** Ames. **other id:** SMTI-106. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 06 deg. 35 min. S. **longitude:** 076 deg. 21 min. W. **elevation:** 160m. Annual. Landrace. Seed.
- PI 571723 **donor id:** San Martin 107. **origin:** Peru. **collected:** April 1980. **other id:** Ames 10507. **source:** NC-7. **group:** Ames. **other id:** SMTI-107. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 06 deg. 28 min. S. **longitude:** 076 deg. 28 min. W. **elevation:** 250m. Annual. Landrace. Seed.

PI 571568 to 571735-continued

- PI 571724 **donor id:** San Martin 109. **origin:** Peru. **collected:** April 1980. **other id:** Ames 10508. **source:** NC-7. **group:** Ames. **other id:** SMTI-109. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 06 deg. 30 min. S. **longitude:** 076 deg. 25 min. W. **elevation:** 270m. Annual. Landrace. Seed.
- PI 571725 **donor id:** San Martin 111. **origin:** Peru. **collected:** May 1980. **other id:** Ames 10509. **source:** NC-7. **group:** Ames. **other id:** SMTI-111. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 08 deg. 29 min. S. **longitude:** 076 deg. 23 min. W. **elevation:** 580m. Annual. Landrace. Seed.
- PI 571726 **donor id:** San Martin 129. **origin:** Peru. **collected:** June 1980. **other id:** Ames 10510. **source:** NC-7. **group:** Ames. **other id:** SMTI-129. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 06 deg. 55 min. S. **longitude:** 076 deg. 20 min. W. **elevation:** 290m. Annual. Landrace. Seed.
- PI 571727 **donor id:** San Martin 131. **origin:** Peru. **collected:** June 1980. **other id:** Ames 10511. **source:** NC-7. **group:** Ames. **other id:** SMTI-131. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 07 deg. 05 min. S. **longitude:** 076 deg. 44 min. W. **elevation:** 380m. Annual. Landrace. Seed.
- PI 571728 **donor id:** Ucayali 3. **origin:** Peru. **collected:** July 1980. **other id:** Ames 10512. **source:** NC-7. **group:** Ames. **other id:** UCAY-003. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 09 deg. 00 min. S. **longitude:** 076 deg. 00 min. W. Annual. Landrace. Seed.
- PI 571729 **donor id:** Ucayali 5. **origin:** Peru. **collected:** July 1980. **other id:** Ames 10513. **source:** NC-7. **group:** Ames. **other id:** UCAY-005. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 07 deg. 00 min. S. **longitude:** 075 deg. 00 min. W. **elevation:** 160m. Annual. Landrace. Seed.
- PI 571730 **donor id:** Ucayali 7. **origin:** Peru. **collected:** July 1980. **other id:** Ames 10514. **source:** NC-7. **group:** Ames. **other id:** UCAY-007. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 08 deg. 00 min. S. **longitude:** 075 deg. 00 min. W. Annual. Landrace. Seed.

PI 571568 to 571735-continued

- PI 571731 **donor id:** Ucayali 8. **origin:** Peru. **other id:** Ames 10515. **source:** NC-7. **group:** Ames. **other id:** UCAY-008. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 08 deg. 00 min. S. **longitude:** 075 deg. 00 min. W. Annual. Landrace. Seed.
- PI 571732 **donor id:** Ucayali 9. **origin:** Peru. **collected:** July 1980. **other id:** Ames 10516. **source:** NC-7. **group:** Ames. **other id:** UCAY-009. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 09 deg. 00 min. S. **longitude:** 076 deg. 00 min. W. **elevation:** 320m. Annual. Landrace. Seed.
- PI 571733 **donor id:** Ucayali 10. **origin:** Peru. **collected:** July 1980. **other id:** Ames 10517. **source:** NC-7. **group:** Ames. **other id:** UCAY-010. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 09 deg. 00 min. S. **longitude:** 076 deg. 00 min. W. **elevation:** 280m. Annual. Landrace. Seed.
- PI 571734 **donor id:** Ucayali 11. **origin:** Peru. **collected:** July 1980. **other id:** Ames 10518. **source:** NC-7. **group:** Ames. **other id:** UCAY-011. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 09 deg. 00 min. S. **longitude:** 076 deg. 00 min. W. **elevation:** 380m. Annual. Landrace. Seed.
- PI 571735 **donor id:** Ucayali 12. **origin:** Peru. **other id:** Ames 10519. **source:** NC-7. **group:** Ames. **other id:** UCAY-012. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 08 deg. 00 min. S. **longitude:** 075 deg. 00 min. W. **elevation:** 380m. Annual. Landrace. Seed.

PI 571736 to 571812. *Zea mays* L. subsp. *mays* POACEAE Corn

Donated by: Sevilla P., R., Programa Cooperative De Invest. en Maiz, Universidad Nacional Agraria La Molina, La Molina Apartado 456, La Molina, Lima, Peru. **remarks:** Accessions received through a cooperative increase project with the United States Department of Agriculture. Received April 27, 1989.

- PI 571736 **donor id:** Ayacucho 72. **origin:** Peru. **collected:** June 1976. **other id:** Ames 10520. **source:** NC-7. **group:** Ames. **other id:** AYA -072. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 12 deg. 56 min. S. **longitude:** 074 deg. 15 min. W. **elevation:** 3100m. Annual. Landrace. Seed.

PI 571736 to 571812-continued

- PI 571737 **donor id:** Ayacucho 116. **origin:** Peru. **collected:** June 1976. **other id:** Ames 10521. **source:** NC-7. **group:** Ames. **other id:** AYA -116. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. S. **longitude:** 074 deg. W. **elevation:** 3350m. Annual. Landrace. Seed.
- PI 571738 **donor id:** Ayacucho 117. **origin:** Peru. **collected:** June 1976. **other id:** Ames 10522. **source:** NC-7. **group:** Ames. **other id:** AYA -117. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. S. **longitude:** 074 deg. W. **elevation:** 3330m. Annual. Landrace. Seed.
- PI 571739 **donor id:** Ayacucho 118. **origin:** Peru. **collected:** June 1976. **other id:** Ames 10523. **source:** NC-7. **group:** Ames. **other id:** AYA -118. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. S. **longitude:** 074 deg. W. **elevation:** 3400m. Annual. Landrace. Seed.
- PI 571740 **donor id:** Ayacucho 119. **origin:** Peru. **collected:** June 1976. **other id:** Ames 10524. **source:** NC-7. **group:** Ames. **other id:** AYA -119. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. S. **longitude:** 074 deg. W. **elevation:** 3400m. Annual. Landrace. Seed.
- PI 571741 **donor id:** Ayacucho 120. **origin:** Peru. **collected:** June 1976. **other id:** Ames 10525. **source:** NC-7. **group:** Ames. **other id:** AYA -120. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. S. **longitude:** 074 deg. W. **elevation:** 3370m. Annual. Landrace. Seed.
- PI 571742 **donor id:** Ayacucho 121. **origin:** Peru. **collected:** June 1976. **other id:** Ames 10526. **source:** NC-7. **group:** Ames. **other id:** AYA -121. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. S. **longitude:** 074 deg. W. **elevation:** 3200m. Annual. Landrace. Seed.
- PI 571743 **donor id:** Ayacucho 123. **origin:** Peru. **collected:** June 1976. **other id:** Ames 10527. **source:** NC-7. **group:** Ames. **other id:** AYA -123. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. S. **longitude:** 074 deg. W. **elevation:** 3100m. Annual. Landrace. Seed.

PI 571736 to 571812-continued

- PI 571744 donor id: Ayacucho 124. origin: Peru. collected: June 1976. other id: Ames 10528. source: NC-7. group: Ames. other id: AYA -124. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 13 deg. S. longitude: 074 deg. W. elevation: 3020m. Annual. Landrace. Seed.
- PI 571745 donor id: Ayacucho 129. origin: Peru. collected: June 1976. other id: Ames 10529. source: NC-7. group: Ames. other id: AYA -129. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 13 deg. S. longitude: 074 deg. W. elevation: 3130m. Annual. Landrace. Seed.
- PI 571746 donor id: Cuzco 29. origin: Peru. local name: Chamaco. collected: 1955. other id: Ames 10530. source: NC-7. group: Ames. other id: CUZ -029. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 13 deg. 31 min. S. longitude: 071 deg. 59 min. W. elevation: 3380m. Annual. Landrace. Seed.
- PI 571747 donor id: Cuzco 48. origin: Peru. collected: April 1953. other id: Ames 10531. source: NC-7. group: Ames. other id: CUZ -048. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 13 deg. 29 min. S. longitude: 072 deg. 09 min. W. elevation: 3370m. Annual. Landrace. Seed.
- PI 571748 donor id: Cuzco 54. origin: Peru. collected: May 1953. other id: Ames 10532. source: NC-7. group: Ames. other id: CUZ -054. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 13 deg. 31 min. S. longitude: 071 deg. 59 min. W. elevation: 3268m. Annual. Landrace. Seed.
- PI 571749 donor id: Cuzco 56. origin: Peru. collected: May 1953. other id: Ames 10533. source: NC-7. group: Ames. other id: CUZ -056. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 13 deg. 31 min. S. longitude: 071 deg. 59 min. W. elevation: 3268m. Annual. Landrace. Seed.
- PI 571750 donor id: Cuzco 61. origin: Peru. collected: May 1953. other id: Ames 10534. source: NC-7. group: Ames. other id: CUZ -061. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 13 deg. 31 min. S. longitude: 071 deg. 59 min. W. elevation: 3200m. Annual. Landrace. Seed.

PI 571736 to 571812-continued

- PI 571751 **donor id:** Cuzco 64. **origin:** Peru. **local name:** Pescorunto (Huevo Paloma). **collected:** May 1953. **other id:** Ames 10535. **source:** NC-7. **group:** Ames. **other id:** CUZ -064. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 14 deg. S. **longitude:** 072 deg. W. **elevation:** 3200m. Annual. Landrace. Seed.
- PI 571752 **donor id:** Cuzco 69. **origin:** Peru. **local name:** Kcallhuay. **collected:** May 1953. **other id:** Ames 10536. **source:** NC-7. **group:** Ames. **other id:** CUZ -069. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 14 deg. S. **longitude:** 072 deg. W. **elevation:** 3300m. Annual. Landrace. Seed.
- PI 571753 **donor id:** Cuzco 73. **origin:** Peru. **collected:** May 1953. **other id:** Ames 10537. **source:** NC-7. **group:** Ames. **other id:** CUZ -073. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 14 deg. S. **longitude:** 072 deg. W. **elevation:** 3300m. Annual. Landrace. Seed.
- PI 571754 **donor id:** Cuzco 76. **origin:** Peru. **collected:** May 1953. **other id:** Ames 10538. **source:** NC-7. **group:** Ames. **other id:** CUZ -076. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 14 deg. S. **longitude:** 072 deg. W. **elevation:** 3300m. Annual. Landrace. Seed.
- PI 571755 **donor id:** Cuzco 102. **origin:** Peru. **collected:** May 1953. **other id:** Ames 10539. **source:** NC-7. **group:** Ames. **other id:** CUZ -102. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 29 min. S. **longitude:** 072 deg. 09 min. W. **elevation:** 3400m. Annual. Landrace. Seed.
- PI 571756 **donor id:** Cuzco 134. **origin:** Peru. **collected:** June 1953. **other id:** Ames 10540. **source:** NC-7. **group:** Ames. **other id:** CUZ -134. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 29 min. S. **longitude:** 072 deg. 09 min. W. **elevation:** 3400m. Annual. Landrace. Seed.
- PI 571757 **donor id:** Cuzco 142. **origin:** Peru. **collected:** June 1953. **other id:** Ames 10541. **source:** NC-7. **group:** Ames. **other id:** CUZ -142. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 29 min. S. **longitude:** 072 deg. 09 min. W. **elevation:** 3450m. Annual. Landrace. Seed.

PI 571736 to 571812-continued

- PI 571758 donor id: Cuzco 157. origin: Peru. other id: Ames 10542. source: NC-7. group: Ames. other id: CUZ -157. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 13 deg. 31 min. S. longitude: 071 deg. 59 min. W. elevation: 3268m. Annual. Landrace. Seed.
- PI 571759 donor id: Cuzco 280. origin: Peru. collected: July 1975. other id: Ames 10543. source: NC-7. group: Ames. other id: CUZ -280. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 14 deg. S. longitude: 072 deg. W. elevation: 3200m. Annual. Landrace. Seed.
- PI 571760 donor id: Cuzco 282. origin: Peru. collected: July 1975. other id: Ames 10544. source: NC-7. group: Ames. other id: CUZ -282. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 14 deg. S. longitude: 072 deg. W. elevation: 3200m. Annual. Landrace. Seed.
- PI 571761 donor id: Cuzco 290. origin: Peru. collected: July 1975. other id: Ames 10545. source: NC-7. group: Ames. other id: CUZ -290. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 13 deg. 55 min. S. longitude: 071 deg. 41 min. W. elevation: 3200m. Annual. Landrace. Seed.
- PI 571762 donor id: Cuzco 300. origin: Peru. collected: July 1975. other id: Ames 10546. source: NC-7. group: Ames. other id: CUZ -300. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 13 deg. 55 min. S. longitude: 071 deg. 41 min. W. elevation: 3200m. Annual. Landrace. Seed.
- PI 571763 donor id: Cuzco 301. origin: Peru. collected: July 1975. other id: Ames 10547. source: NC-7. group: Ames. other id: CUZ -301. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 13 deg. 55 min. S. longitude: 071 deg. 41 min. W. elevation: 3200m. Annual. Landrace. Seed.
- PI 571764 donor id: Cuzco 348. origin: Peru. collected: June 1976. other id: Ames 10548. source: NC-7. group: Ames. other id: CUZ -348. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 13 deg. 18 min. S. longitude: 072 deg. 07 min. W. elevation: 3330m. Annual. Landrace. Seed.

PI 571736 to 571812-continued

- PI 571765 donor id: Cuzco 355. origin: Peru. collected: June 1976. other id: Ames 10549. source: NC-7. group: Ames. other id: CUZ -355. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 13 deg. 29 min. S. longitude: 072 deg. 09 min. W. elevation: 3220m. Annual. Landrace. Seed.
- PI 571766 donor id: Cuzco 358. origin: Peru. collected: June 1976. other id: Ames 10550. source: NC-7. group: Ames. other id: CUZ -358. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 13 deg. 29 min. S. longitude: 072 deg. 09 min. W. elevation: 3220m. Annual. Landrace. Seed.
- PI 571767 donor id: Cuzco 359. origin: Peru. collected: June 1976. other id: Ames 10551. source: NC-7. group: Ames. other id: CUZ -359. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 13 deg. 29 min. S. longitude: 072 deg. 09 min. W. elevation: 3280m. Annual. Landrace. Seed.
- PI 571768 donor id: Cuzco 368. origin: Peru. collected: June 1976. other id: Ames 10552. source: NC-7. group: Ames. other id: CUZ -368. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 13 deg. 25 min. S. longitude: 072 deg. 13 min. W. elevation: 3240m. Annual. Landrace. Seed.
- PI 571769 donor id: Huancavelica 37. origin: Peru. collected: June 1953. other id: Ames 10553. source: NC-7. group: Ames. other id: HVCA-037. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 12 deg. 37 min. S. longitude: 074 deg. 53 min. W. elevation: 3170m. Annual. Landrace. Seed.
- PI 571770 donor id: Huancavelica 41. origin: Peru. collected: June 1953. other id: Ames 10554. source: NC-7. group: Ames. other id: HVCA-041. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 12 deg. 37 min. S. longitude: 074 deg. 53 min. W. elevation: 3200m. Annual. Landrace. Seed.
- PI 571771 donor id: Huancavelica 88. origin: Peru. local name: Ahumado. collected: June 1954. other id: Ames 10555. source: NC-7. group: Ames. other id: HVCA-088. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 12 deg. S. longitude: 075 deg. W. elevation: 3100m. Annual. Landrace. Seed.

PI 571736 to 571812-continued

- PI 571772 **donor id:** Huancavelica 95. **origin:** Peru. **local name:** Culli. **collected:** June 1954. **other id:** Ames 10556. **source:** NC-7. **group:** Ames. **other id:** HVCA-095. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 12 deg. 24 min. S. **longitude:** 074 deg. 54 min. W. **elevation:** 3300m. Annual. Landrace. Seed.
- PI 571773 **donor id:** Huancavelica 96. **origin:** Peru. **local name:** Morocho Amarrillo. **collected:** June 1954. **other id:** Ames 10557. **source:** NC-7. **group:** Ames. **other id:** HVCA-096. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 12 deg. 24 min. S. **longitude:** 074 deg. 54 min. W. **elevation:** 3300m. Annual. Landrace. Seed.
- PI 571774 **donor id:** Huancavelica 99. **origin:** Peru. **local name:** Ogacllan. **collected:** June 1954. **other id:** Ames 10558. **source:** NC-7. **group:** Ames. **other id:** HVCA-099. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 12 deg. 24 min. S. **longitude:** 074 deg. 54 min. W. **elevation:** 3300m. Annual. Landrace. Seed.
- PI 571775 **donor id:** Huancavelica 101. **origin:** Peru. **local name:** Kello-Chajchi. **collected:** June 1954. **other id:** Ames 10559. **source:** NC-7. **group:** Ames. **other id:** HVCA-101. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 12 deg. 24 min. S. **longitude:** 074 deg. 54 min. W. **elevation:** 3300m. Annual. Landrace. Seed.
- PI 571776 **donor id:** Huancavelica 116. **origin:** Peru. **collected:** June 1954. **other id:** Ames 10560. **source:** NC-7. **group:** Ames. **other id:** HVCA-116. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 12 deg. S. **longitude:** 075 deg. W. **elevation:** 3050m. Annual. Landrace. Seed.
- PI 571777 **donor id:** Huancavelica 118. **origin:** Peru. **collected:** June 1954. **other id:** Ames 10561. **source:** NC-7. **group:** Ames. **other id:** HVCA-118. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 12 deg. S. **longitude:** 075 deg. W. **elevation:** 3050m. Annual. Landrace. Seed.
- PI 571778 **donor id:** Huancavelica 119. **origin:** Peru. **local name:** Punchi. **collected:** June 1954. **other id:** Ames 10562. **source:** NC-7. **group:** Ames. **other id:** HVCA-119. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 12 deg. S. **longitude:** 075 deg. W. **elevation:** 3050m. Annual. Landrace. Seed.

PI 571736 to 571812-continued

- PI 571779 **donor id:** Huancavelica 126. **origin:** Peru. **local name:** Almidon. **collected:** June 1954. **other id:** Ames 10563. **source:** NC-7. **group:** Ames. **other id:** HVCA-126. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 12 deg. 24 min. S. **longitude:** 074 deg. 54 min. W. **elevation:** 3200m. Annual. Landrace. Seed.
- PI 571780 **donor id:** Huancavelica 127. **origin:** Peru. **local name:** Almidon. **collected:** June 1954. **other id:** Ames 10564. **source:** NC-7. **group:** Ames. **other id:** HVCA-127. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 12 deg. 56 min. S. **longitude:** 074 deg. 43 min. W. **elevation:** 3200m. Annual. Landrace. Seed.
- PI 571781 **donor id:** Huancavelica 128. **origin:** Peru. **local name:** Jargua. **collected:** June 1954. **other id:** Ames 10565. **source:** NC-7. **group:** Ames. **other id:** HVCA-128. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 12 deg. 56 min. S. **longitude:** 074 deg. 43 min. W. **elevation:** 3200m. Annual. Landrace. Seed.
- PI 571782 **donor id:** Huancavelica 130. **origin:** Peru. **local name:** Morocho. **collected:** June 1954. **other id:** Ames 10566. **source:** NC-7. **group:** Ames. **other id:** HVCA-130. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 12 deg. 56 min. S. **longitude:** 074 deg. 43 min. W. **elevation:** 3200m. Annual. Landrace. Seed.
- PI 571783 **donor id:** Huancavelica 131. **origin:** Peru. **collected:** June 1954. **other id:** Ames 10567. **source:** NC-7. **group:** Ames. **other id:** HVCA-131. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 12 deg. 56 min. S. **longitude:** 074 deg. 43 min. W. **elevation:** 3200m. Annual. Landrace. Seed.
- PI 571784 **donor id:** Huancavelica 132. **origin:** Peru. **local name:** De Color. **collected:** June 1954. **other id:** Ames 10568. **source:** NC-7. **group:** Ames. **other id:** HVCA-132. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 12 deg. 56 min. S. **longitude:** 074 deg. 43 min. W. **elevation:** 3200m. Annual. Landrace. Seed.
- PI 571785 **donor id:** Huancavelica 133. **origin:** Peru. **local name:** Almidon. **collected:** June 1954. **other id:** Ames 10569. **source:** NC-7. **group:** Ames. **other id:** HVCA-133. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 12 deg. 37 min. S. **longitude:** 074 deg. 53 min. W. **elevation:** 3100m. Annual. Landrace. Seed.

PI 571736 to 571812-continued

- PI 571786 donor id: Huancavelica 134. origin: Peru. local name: Jarhuay. collected: June 1954. other id: Ames 10570. source: NC-7. group: Ames. other id: HVCA-134. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 12 deg. 37 min. S. longitude: 074 deg. 53 min. W. elevation: 3100m. Annual. Landrace. Seed.
- PI 571787 donor id: Huancavelica 135. origin: Peru. collected: June 1954. other id: Ames 10571. source: NC-7. group: Ames. other id: HVCA-135. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 12 deg. 37 min. S. longitude: 074 deg. 53 min. W. elevation: 3100m. Annual. Landrace. Seed.
- PI 571788 donor id: Huancavelica 140. origin: Peru. local name: Llipta. collected: June 1954. other id: Ames 10572. source: NC-7. group: Ames. other id: HVCA-140. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 12 deg. 48 min. S. longitude: 074 deg. 34 min. W. elevation: 3100m. Annual. Landrace. Seed.
- PI 571789 donor id: Huancavelica 141. origin: Peru. collected: June 1954. other id: Ames 10573. source: NC-7. group: Ames. other id: HVCA-141. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 12 deg. 48 min. S. longitude: 074 deg. 34 min. W. elevation: 3100m. Annual. Landrace. Seed.
- PI 571790 donor id: Huancavelica 143. origin: Peru. local name: Morocho. collected: June 1954. other id: Ames 10574. source: NC-7. group: Ames. other id: HVCA-143. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 12 deg. 48 min. S. longitude: 074 deg. 34 min. W. elevation: 3400m. Annual. Landrace. Seed.
- PI 571791 donor id: Huancavelica 145. origin: Peru. local name: Almidon. collected: June 1954. other id: Ames 10575. source: NC-7. group: Ames. other id: HVCA-145. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 12 deg. 48 min. S. longitude: 074 deg. 34 min. W. elevation: 3400m. Annual. Landrace. Seed.
- PI 571792 donor id: Huancavelica 146. origin: Peru. local name: Chulpe. collected: June 1954. other id: Ames 10576. source: NC-7. group: Ames. other id: HVCA-146. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 12 deg. 48 min. S. longitude: 074 deg. 34 min. W. elevation: 3400m. Annual. Landrace. Seed.

PI 571736 to 571812-continued

- PI 571793 **donor id:** Huancavelica 147. **origin:** Peru. **collected:** June 1954. **other id:** Ames 10577. **source:** NC-7. **group:** Ames. **other id:** HVCA-147. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 12 deg. 48 min. S. **longitude:** 074 deg. 34 min. W. **elevation:** 3400m. Annual. Landrace. Seed.
- PI 571794 **donor id:** Huancavelica 149. **origin:** Peru. **local name:** Morocho. **collected:** June 1954. **other id:** Ames 10578. **source:** NC-7. **group:** Ames. **other id:** HVCA-149. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 12 deg. 48 min. S. **longitude:** 074 deg. 34 min. W. **elevation:** 3400m. Annual. Landrace. Seed.
- PI 571795 **donor id:** Junin 3. **origin:** Peru. **local name:** Confite. **other id:** Ames 10579. **source:** NC-7. **group:** Ames. **other id:** JUN -003. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 12 deg. 04 min. S. **longitude:** 075 deg. 14 min. W. **elevation:** 3018m. Annual. Landrace. Seed.
- PI 571796 **donor id:** Junin 8. **origin:** Peru. **local name:** Casha-Hagua. **other id:** Ames 10580. **source:** NC-7. **group:** Ames. **other id:** JUN -008. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 11 deg. 25 min. S. **longitude:** 075 deg. 42 min. W. **elevation:** 3080m. Annual. Landrace. Seed.
- PI 571797 **donor id:** Junin 12. **origin:** Peru. **local name:** Blanco Pintado. **other id:** Ames 10581. **source:** NC-7. **group:** Ames. **other id:** JUN -012. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 11 deg. 48 min. S. **longitude:** 075 deg. 30 min. W. **elevation:** 3063m. Annual. Landrace. Seed.
- PI 571798 **donor id:** Junin 41. **origin:** Peru. **local name:** Comun. **collected:** May 1954. **other id:** Ames 10582. **source:** NC-7. **group:** Ames. **other id:** JUN -041. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 11 deg. 48 min. S. **longitude:** 075 deg. 30 min. W. **elevation:** 3300m. Annual. Landrace. Seed.
- PI 571799 **donor id:** Junin 46. **origin:** Peru. **collected:** May 1954. **other id:** Ames 10583. **source:** NC-7. **group:** Ames. **other id:** JUN -046. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 11 deg. 48 min. S. **longitude:** 075 deg. 30 min. W. **elevation:** 3300m. Annual. Landrace. Seed.

PI 571736 to 571812-continued

- PI 571800 **donor id:** Junin 62. **origin:** Peru. **local name:** San Jeronimo. **collected:** June 1954. **other id:** Ames 10584. **source:** NC-7. **group:** Ames. **other id:** JUN -062. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 12 deg. 04 min. S. **longitude:** 075 deg. 14 min. W. **elevation:** 3300m. Annual. Landrace. Seed.
- PI 571801 **donor id:** Junin 66. **origin:** Peru. **local name:** Confite Amarillo. **collected:** June 1954. **other id:** Ames 10585. **source:** NC-7. **group:** Ames. **other id:** JUN -066. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 12 deg. 04 min. S. **longitude:** 075 deg. 14 min. W. **elevation:** 3300m. Annual. Landrace. Seed.
- PI 571802 **donor id:** Junin 67. **origin:** Peru. **local name:** Beato Clavo. **collected:** June 1954. **other id:** Ames 10586. **source:** NC-7. **group:** Ames. **other id:** JUN -067. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 12 deg. 04 min. S. **longitude:** 075 deg. 14 min. W. **elevation:** 3300m. Annual. Landrace. Seed.
- PI 571803 **donor id:** Junin 100. **origin:** Peru. **other id:** Ames 10587. **source:** NC-7. **group:** Ames. **other id:** JUN -100. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 12 deg. 04 min. S. **longitude:** 075 deg. 14 min. W. **elevation:** 3340m. Annual. Landrace. Seed.
- PI 571804 **donor id:** Junin 105. **origin:** Peru. **other id:** Ames 10588. **source:** NC-7. **group:** Ames. **other id:** JUN -105. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 12 deg. 04 min. S. **longitude:** 075 deg. 14 min. W. **elevation:** 3300m. Annual. Landrace. Seed.
- PI 571805 **donor id:** Junin 107. **origin:** Peru. **other id:** Ames 10589. **source:** NC-7. **group:** Ames. **other id:** JUN -107. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 12 deg. 04 min. S. **longitude:** 075 deg. 14 min. W. **elevation:** 3200m. Annual. Landrace. Seed.
- PI 571806 **donor id:** Junin 176. **origin:** Peru. **collected:** June 1976. **other id:** Ames 10590. **source:** NC-7. **group:** Ames. **other id:** JUN -176. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 11 deg. 48 min. S. **longitude:** 075 deg. 30 min. W. **elevation:** 3300m. Annual. Landrace. Seed.

PI 571736 to 571812-continued

- PI 571807 **donor id:** Puno 23. **origin:** Peru. **local name:** Quello Sara. **collected:** July 1954. **other id:** Ames 10591. **source:** NC-7. **group:** Ames. **other id:** PUN -023. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 14 deg. 55 min. S. **longitude:** 070 deg. 13 min. W. **elevation:** 8500m. Annual. Landrace. Seed.
- PI 571808 **donor id:** Puno 26. **origin:** Peru. **local name:** Api. **collected:** July 1954. **other id:** Ames 10592. **source:** NC-7. **group:** Ames. **other id:** PUN -026. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 15 deg. 53 min. S. **longitude:** 069 deg. 53 min. W. **elevation:** 3900m. Annual. Landrace. Seed.
- PI 571809 **donor id:** Puno 29. **origin:** Peru. **local name:** Chimi-Sara. **collected:** July 1954. **other id:** Ames 10593. **source:** NC-7. **group:** Ames. **other id:** PUN -029. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 15 deg. 53 min. S. **longitude:** 069 deg. 53 min. W. **elevation:** 3800m. Annual. Landrace. Seed.
- PI 571810 **donor id:** Puno 30. **origin:** Peru. **local name:** Chiri. **collected:** July 1954. **other id:** Ames 10594. **source:** NC-7. **group:** Ames. **other id:** PUN -030. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 15 deg. 53 min. S. **longitude:** 069 deg. 53 min. W. **elevation:** 3800m. Annual. Landrace. Seed.
- PI 571811 **donor id:** Puno 33. **origin:** Peru. **local name:** Janka. **collected:** July 1954. **other id:** Ames 10595. **source:** NC-7. **group:** Ames. **other id:** PUN -033. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 15 deg. 12 min. S. **longitude:** 069 deg. 46 min. W. **elevation:** 3841m. Annual. Landrace. Seed.
- PI 571812 **donor id:** Puno 34. **origin:** Peru. **local name:** Jana-Sara. **collected:** July 1954. **other id:** Ames 10596. **source:** NC-7. **group:** Ames. **other id:** PUN -034. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 15 deg. 12 min. S. **longitude:** 069 deg. 46 min. W. **elevation:** 2841m. Annual. Landrace. Seed.

PI 571813 to 571867. *Zea mays* L. subsp. *mays* POACEAE Corn

Donated by: Sevilla P., R., Programa Cooperative De Invest. en Maiz, Universidad Nacional Agraria La Molina, La Molina Apartado 456, La Molina, Lima, Peru. **remarks:** Accessions received through a cooperative increase project with the United States Department of Agriculture. Received July 14, 1989.

PI 571813 to 571867-continued

- PI 571813 **donor id:** Ancash 354. **origin:** Peru. **collected:** August 1956. **other id:** Ames 10601. **source:** NC-7. **group:** Ames. **other id:** ANC -354. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 09 deg. 28 min. S. **longitude:** 078 deg. 19 min. W. **elevation:** 750m. Annual. Landrace. Seed.
- PI 571814 **donor id:** Lambayeque 13. **origin:** Peru. **collected:** December 1952. **other id:** Ames 10605. **source:** NC-7. **group:** Ames. **other id:** LBQU-013. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 06 deg. 09 min. S. **longitude:** 079 deg. 44 min. W. **elevation:** 200m. Annual. Landrace. Seed.
- PI 571815 **donor id:** Lambayeque 32. **origin:** Peru. **collected:** December 1977. **other id:** Ames 10606. **source:** NC-7. **group:** Ames. **other id:** LBQU-032. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 06 deg. 42 min. S. **longitude:** 079 deg. 55 min. W. **elevation:** 70m. Annual. Landrace. Seed.
- PI 571816 **donor id:** Lambayeque 34. **origin:** Peru. **collected:** December 1977. **other id:** Ames 10607. **source:** NC-7. **group:** Ames. **other id:** LBQU-034. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 06 deg. 38 min. S. **longitude:** 079 deg. 45 min. W. **elevation:** 90m. Annual. Landrace. Seed.
- PI 571817 **donor id:** Lambayeque 41. **origin:** Peru. **collected:** December 1977. **other id:** Ames 10608. **source:** NC-7. **group:** Ames. **other id:** LBQU-041. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 06 deg. 28 min. S. **longitude:** 079 deg. 51 min. W. **elevation:** 70m. Annual. Landrace. Seed.
- PI 571818 **donor id:** Lambayeque 47. **origin:** Peru. **collected:** December 1977. **other id:** Ames 10609. **source:** NC-7. **group:** Ames. **other id:** LBQU-047. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 06 deg. 42 min. S. **longitude:** 079 deg. 55 min. W. **elevation:** 20m. Annual. Landrace. Seed.
- PI 571819 **donor id:** Lambayeque 60. **origin:** Peru. **collected:** December 1977. **other id:** Ames 10610. **source:** NC-7. **group:** Ames. **other id:** LBQU-060. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 05 deg. 59 min. S. **longitude:** 079 deg. 46 min. W. **elevation:** 50m. Annual. Landrace. Seed.

PI 571813 to 571867-continued

- PI 571820 donor id: Lambayeque 72. origin: Peru. collected: December 1977. other id: Ames 10611. source: NC-7. group: Ames. other id: LBQU-072. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 06 deg. 46 min. S. longitude: 079 deg. 51 min. W. elevation: 280m. Annual. Landrace. Seed.
- PI 571821 donor id: Lambayeque 88. origin: Peru. collected: December 1977. other id: Ames 10612. source: NC-7. group: Ames. other id: LBQU-088. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 06 deg. 09 min. S. longitude: 079 deg. 44 min. W. elevation: 160m. Annual. Landrace. Seed.
- PI 571822 donor id: Lambayeque 91. origin: Peru. collected: October 1977. other id: Ames 10613. source: NC-7. group: Ames. other id: LBQU-091. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 06 deg. 28 min. S. longitude: 079 deg. 51 min. W. elevation: 80m. Annual. Landrace. Seed.
- PI 571823 donor id: Lambayeque 93. origin: Peru. collected: December 1977. other id: Ames 10614. source: NC-7. group: Ames. other id: LBQU-093. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 05 deg. 59 min. S. longitude: 079 deg. 46 min. W. elevation: 250m. Annual. Landrace. Seed.
- PI 571824 donor id: Lambayeque 123. origin: Peru. collected: December 1977. other id: Ames 10615. source: NC-7. group: Ames. other id: LBQU-123. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 05 deg. 59 min. S. longitude: 079 deg. 46 min. W. elevation: 170m. Annual. Landrace. Seed.
- PI 571825 donor id: Lambayeque 124. origin: Peru. collected: December 1977. other id: Ames 10616. source: NC-7. group: Ames. other id: LBQU-124. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 05 deg. 59 min. S. longitude: 079 deg. 46 min. W. elevation: 170m. Annual. Landrace. Seed.
- PI 571826 donor id: Lambayeque 126. origin: Peru. collected: December 1977. other id: Ames 10617. source: NC-7. group: Ames. other id: LBQU-126. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 05 deg. 59 min. S. longitude: 079 deg. 46 min. W. elevation: 170m. Annual. Landrace. Seed.

PI 571813 to 571867-continued

- PI 571827 **donor id:** Lambayeque 127. **origin:** Peru. **collected:** December 1977. **other id:** Ames 10618. **source:** NC-7. **group:** Ames. **other id:** LBQU-127. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 05 deg. 59 min. S. **longitude:** 079 deg. 46 min. W. **elevation:** 170m. Annual. Landrace. Seed.
- PI 571828 **donor id:** Lambayeque 128. **origin:** Peru. **collected:** December 1977. **other id:** Ames 10619. **source:** NC-7. **group:** Ames. **other id:** LBQU-128. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 05 deg. 59 min. S. **longitude:** 079 deg. 46 min. W. **elevation:** 170m. Annual. Landrace. Seed.
- PI 571829 **donor id:** Lambayeque 135. **origin:** Peru. **collected:** December 1977. **other id:** Ames 10620. **source:** NC-7. **group:** Ames. **other id:** LBQU-135. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 06 deg. 42 min. S. **longitude:** 079 deg. 55 min. W. **elevation:** 50m. Annual. Landrace. Seed.
- PI 571830 **donor id:** Lambayeque 139. **origin:** Peru. **collected:** December 1977. **other id:** Ames 10621. **source:** NC-7. **group:** Ames. **other id:** LBQU-139. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 06 deg. 42 min. S. **longitude:** 079 deg. 55 min. W. **elevation:** 50m. Annual. Landrace. Seed.
- PI 571831 **donor id:** Lambayeque 153. **origin:** Peru. **collected:** December 1977. **other id:** Ames 10622. **source:** NC-7. **group:** Ames. **other id:** LBQU-153. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 06 deg. 42 min. S. **longitude:** 079 deg. 55 min. W. **elevation:** 70m. Annual. Landrace. Seed.
- PI 571832 **donor id:** Libertad 177. **origin:** Peru. **collected:** February 1979. **other id:** Ames 10629. **source:** NC-7. **group:** Ames. **other id:** LIB -177. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 08 deg. 07 min. S. **longitude:** 079 deg. 02 min. W. **elevation:** 5m. Annual. Landrace. Seed.
- PI 571833 **donor id:** Libertad 179. **origin:** Peru. **collected:** February 1979. **other id:** Ames 10630. **source:** NC-7. **group:** Ames. **other id:** LIB -179. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 08 deg. 07 min. S. **longitude:** 079 deg. 02 min. W. **elevation:** 5m. Annual. Landrace. Seed.

PI 571813 to 571867-continued

- PI 571834 **donor id:** Libertad 183. **origin:** Peru. **collected:** February 1979. **other id:** Ames 10631. **source:** NC-7. **group:** Ames. **other id:** LIB -183. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 08 deg. 07 min. S. **longitude:** 079 deg. 02 min. W. **elevation:** 40m. Annual. Landrace. Seed.
- PI 571835 **donor id:** Libertad 185. **origin:** Peru. **collected:** February 1979. **other id:** Ames 10632. **source:** NC-7. **group:** Ames. **other id:** LIB -185. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 08 deg. 07 min. S. **longitude:** 079 deg. 02 min. W. **elevation:** 40m. Annual. Landrace. Seed.
- PI 571836 **donor id:** Libertad 190. **origin:** Peru. **collected:** February 1979. **other id:** Ames 10633. **source:** NC-7. **group:** Ames. **other id:** LIB -190. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 08 deg. 07 min. S. **longitude:** 079 deg. 02 min. W. **elevation:** 45m. Annual. Landrace. Seed.
- PI 571837 **donor id:** Libertad 230. **origin:** Peru. **collected:** February 1979. **other id:** Ames 10634. **source:** NC-7. **group:** Ames. **other id:** LIB -230. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 07 deg. 24 min. S. **longitude:** 079 deg. 34 min. W. **elevation:** 40m. Annual. Landrace. Seed.
- PI 571838 **donor id:** Libertad 232. **origin:** Peru. **collected:** February 1979. **other id:** Ames 10635. **source:** NC-7. **group:** Ames. **other id:** LIB -232. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 07 deg. 24 min. S. **longitude:** 079 deg. 34 min. W. **elevation:** 40m. Annual. Landrace. Seed.
- PI 571839 **donor id:** Libertad 233. **origin:** Peru. **collected:** March 1979. **other id:** Ames 10636. **source:** NC-7. **group:** Ames. **other id:** LIB -233. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 07 deg. 15 min. S. **longitude:** 079 deg. 29 min. W. **elevation:** 20m. Annual. Landrace. Seed.
- PI 571840 **donor id:** Libertad 236. **origin:** Peru. **collected:** March 1979. **other id:** Ames 10637. **source:** NC-7. **group:** Ames. **other id:** LIB -236. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 07 deg. 13 min. S. **longitude:** 079 deg. 27 min. W. **elevation:** 20m. Annual. Landrace. Seed.

PI 571813 to 571867-continued

- PI 571841 **donor id:** Libertad 238. **origin:** Peru. **collected:** March 1979. **other id:** Ames 10638. **source:** NC-7. **group:** Ames. **other id:** LIB -238. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 07 deg. 13 min. S. **longitude:** 079 deg. 27 min. W. **elevation:** 20m. Annual. Landrace. Seed.
- PI 571842 **donor id:** Libertad 239. **origin:** Peru. **collected:** March 1979. **other id:** Ames 10639. **source:** NC-7. **group:** Ames. **other id:** LIB -239. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 07 deg. 24 min. S. **longitude:** 079 deg. 34 min. W. **elevation:** 20m. Annual. Landrace. Seed.
- PI 571843 **donor id:** Libertad 243. **origin:** Peru. **collected:** March 1979. **other id:** Ames 10640. **source:** NC-7. **group:** Ames. **other id:** LIB -243. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 07 deg. 24 min. S. **longitude:** 079 deg. 34 min. W. **elevation:** 20m. Annual. Landrace. Seed.
- PI 571844 **donor id:** Libertad 246. **origin:** Peru. **collected:** March 1979. **other id:** Ames 10641. **source:** NC-7. **group:** Ames. **other id:** LIB -246. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 07 deg. 24 min. S. **longitude:** 079 deg. 34 min. W. **elevation:** 40m. Annual. Landrace. Seed.
- PI 571845 **donor id:** Piura 156. **origin:** Peru. **collected:** December 1978. **other id:** Ames 10642. **source:** NC-7. **group:** Ames. **other id:** PIU -156. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 04 deg. 53 min. S. **longitude:** 080 deg. 41 min. W. **elevation:** 15m. Annual. Landrace. Seed.
- PI 571846 **donor id:** Piura 179. **origin:** Peru. **collected:** December 1978. **other id:** Ames 10643. **source:** NC-7. **group:** Ames. **other id:** PIU -179. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 05 deg. 12 min. S. **longitude:** 080 deg. 38 min. W. **elevation:** 15m. Annual. Landrace. Seed.
- PI 571847 **donor id:** Piura 181. **origin:** Peru. **collected:** December 1978. **other id:** Ames 10644. **source:** NC-7. **group:** Ames. **other id:** PIU -181. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 04 deg. 52 min. S. **longitude:** 081 deg. 05 min. W. **elevation:** 20m. Annual. Landrace. Seed.

PI 571813 to 571867-continued

- PI 571848 **donor id:** Piura 188. **origin:** Peru. **collected:** December 1978. **other id:** Ames 10645. **source:** NC-7. **group:** Ames. **other id:** PIU -188. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 04 deg. 35 min. S. **longitude:** 080 deg. 30 min. W. **elevation:** 90m. Annual. Landrace. Seed.
- PI 571849 **donor id:** Piura 191. **origin:** Peru. **collected:** December 1978. **other id:** Ames 10646. **source:** NC-7. **group:** Ames. **other id:** PIU -191. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 04 deg. 35 min. S. **longitude:** 080 deg. 30 min. W. **elevation:** 90m. Annual. Landrace. Seed.
- PI 571850 **donor id:** Piura 192. **origin:** Peru. **collected:** December 1978. **other id:** Ames 10647. **source:** NC-7. **group:** Ames. **other id:** PIU -192. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 04 deg. 35 min. S. **longitude:** 080 deg. 30 min. W. **elevation:** 90m. Annual. Landrace. Seed.
- PI 571851 **donor id:** Piura 194. **origin:** Peru. **collected:** December 1978. **other id:** Ames 10648. **source:** NC-7. **group:** Ames. **other id:** PIU -194. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 04 deg. 35 min. S. **longitude:** 080 deg. 30 min. W. **elevation:** 80m. Annual. Landrace. Seed.
- PI 571852 **donor id:** Piura 198. **origin:** Peru. **collected:** December 1978. **other id:** Ames 10649. **source:** NC-7. **group:** Ames. **other id:** PIU -198. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 04 deg. 54 min. S. **longitude:** 080 deg. 42 min. W. **elevation:** 50m. Annual. Landrace. Seed.
- PI 571853 **donor id:** Piura 200. **origin:** Peru. **collected:** December 1978. **other id:** Ames 10650. **source:** NC-7. **group:** Ames. **other id:** PIU -200. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 04 deg. 54 min. S. **longitude:** 080 deg. 42 min. W. **elevation:** 45m. Annual. Landrace. Seed.
- PI 571854 **donor id:** Piura 203. **origin:** Peru. **collected:** December 1978. **other id:** Ames 10651. **source:** NC-7. **group:** Ames. **other id:** PIU -203. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 04 deg. 53 min. S. **longitude:** 080 deg. 41 min. W. **elevation:** 20m. Annual. Landrace. Seed.

PI 571813 to 571867-continued

- PI 571855 **donor id:** Piura 204. **origin:** Peru. **collected:** December 1978. **other id:** Ames 10652. **source:** NC-7. **group:** Ames. **other id:** PIU -204. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 04 deg. 53 min. S. **longitude:** 080 deg. 41 min. W. **elevation:** 20m. Annual. Landrace. Seed.
- PI 571856 **donor id:** Piura 215. **origin:** Peru. **collected:** December 1978. **other id:** Ames 10653. **source:** NC-7. **group:** Ames. **other id:** PIU -215. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 05 deg. 12 min. S. **longitude:** 080 deg. 38 min. W. **elevation:** 20m. Annual. Landrace. Seed.
- PI 571857 **donor id:** Piura 219. **origin:** Peru. **collected:** December 1978. **other id:** Ames 10654. **source:** NC-7. **group:** Ames. **other id:** PIU -219. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 05 deg. 12 min. S. **longitude:** 080 deg. 38 min. W. **elevation:** 20m. Annual. Landrace. Seed.
- PI 571858 **donor id:** Piura 220. **origin:** Peru. **collected:** December 1978. **other id:** Ames 10655. **source:** NC-7. **group:** Ames. **other id:** PIU -220. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 05 deg. 12 min. S. **longitude:** 080 deg. 38 min. W. **elevation:** 40m. Annual. Landrace. Seed.
- PI 571859 **donor id:** Piura 223. **origin:** Peru. **collected:** December 1978. **other id:** Ames 10656. **source:** NC-7. **group:** Ames. **other id:** PIU -223. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 05 deg. 12 min. S. **longitude:** 080 deg. 38 min. W. **elevation:** 20m. Annual. Landrace. Seed.
- PI 571860 **donor id:** Piura 227. **origin:** Peru. **collected:** December 1978. **other id:** Ames 10657. **source:** NC-7. **group:** Ames. **other id:** PIU -227. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 05 deg. 06 min. S. **longitude:** 081 deg. 07 min. W. **elevation:** 10m. Annual. Landrace. Seed.
- PI 571861 **donor id:** Piura 228. **origin:** Peru. **collected:** December 1978. **other id:** Ames 10658. **source:** NC-7. **group:** Ames. **other id:** PIU -228. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 05 deg. 06 min. S. **longitude:** 081 deg. 07 min. W. **elevation:** 10m. Annual. Landrace. Seed.

PI 571813 to 571867-continued

- PI 571862 donor id: Piura 231. origin: Peru. collected: December 1978. other id: Ames 10659. source: NC-7. group: Ames. other id: PIU -231. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 04 deg. 53 min. S. longitude: 080 deg. 41 min. W. elevation: 40m. Annual. Landrace. Seed.
- PI 571863 donor id: Piura 232. origin: Peru. collected: December 1978. other id: Ames 10660. source: NC-7. group: Ames. other id: PIU -232. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 04 deg. 53 min. S. longitude: 080 deg. 41 min. W. elevation: 20m. Annual. Landrace. Seed.
- PI 571864 donor id: Piura 233. origin: Peru. collected: December 1978. other id: Ames 10661. source: NC-7. group: Ames. other id: PIU -233. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 04 deg. 53 min. S. longitude: 080 deg. 41 min. W. elevation: 20m. Annual. Landrace. Seed.
- PI 571865 donor id: Piura 234. origin: Peru. other id: Ames 10662. source: NC-7. group: Ames. other id: PIU -234. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. Annual. Landrace. Seed.
- PI 571866 donor id: Tumbes 12. origin: Peru. collected: March 1980. other id: Ames 10663. source: NC-7. group: Ames. other id: TUM -012. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 03 deg. 34 min. S. longitude: 080 deg. 28 min. W. elevation: 60m. Annual. Landrace. Seed.
- PI 571867 donor id: Tumbes 16. origin: Peru. collected: March 1980. other id: Ames 10664. source: NC-7. group: Ames. other id: TUM -016. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 03 deg. 34 min. S. longitude: 080 deg. 28 min. W. elevation: 80m. Annual. Landrace. Seed.

PI 571868 to 571950. Zea mays L. subsp. mays POACEAE Corn

Donated by: Sevilla P., R., Programa Cooperative De Invest. en Maiz, Universidad Nacional Agraria La Molina, La Molina Apartado 456, La Molina, Lima, Peru. remarks: Accessions received through a cooperative increase project with the United States Department of Agriculture. Received January 18, 1990.

PI 571868 to 571950-continued

- PI 571868 donor id: Ancash 161. origin: Peru. collected: July 1953. other id: Ames 13901. source: NC-7. group: Ames. other id: ANC -161. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 08 deg. 35 min. S. longitude: 077 deg. 55 min. W. elevation: 3192m. Annual. Landrace. Seed.
- PI 571869 donor id: Apurimac 1. origin: Peru. local name: Rumpu. collected: May 1955. other id: Ames 13902. source: NC-7. group: Ames. other id: APUC-001. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 13 deg. 39 min. S. longitude: 073 deg. 23 min. W. elevation: 2880m. Annual. Landrace. Seed.
- PI 571870 donor id: Apurimac 37. origin: Peru. collected: June 1953. other id: Ames 13903. source: NC-7. group: Ames. other id: APUC-037. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 14 deg. 17 min. S. longitude: 073 deg. 15 min. W. elevation: 3000m. Annual. Landrace. Seed.
- PI 571871 donor id: Apurimac 40. origin: Peru. collected: June 1953. other id: Ames 13904. source: NC-7. group: Ames. other id: APUC-040. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 13 deg. 35 min. S. longitude: 072 deg. 55 min. W. elevation: 2800m. Annual. Landrace. Seed.
- PI 571872 donor id: Apurimac 46. origin: Peru. collected: June 1953. other id: Ames 13905. source: NC-7. group: Ames. other id: APUC-046. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 13 deg. 39 min. S. longitude: 073 deg. 23 min. W. elevation: 3000m. Annual. Landrace. Seed.
- PI 571873 donor id: Apurimac 51. origin: Peru. collected: June 1953. other id: Ames 13906. source: NC-7. group: Ames. other id: APUC-051. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 13 deg. 39 min. S. longitude: 073 deg. 23 min. W. elevation: 2800m. Annual. Landrace. Seed.
- PI 571874 donor id: Apurimac 55. origin: Peru. collected: November 1956. other id: Ames 13907. source: NC-7. group: Ames. other id: APUC-055. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 14 deg. 19 min. S. longitude: 072 deg. 55 min. W. elevation: 2500m. Annual. Landrace. Seed.

PI 571868 to 571950-continued

- PI 571875 **donor id:** Apurimac 106. **origin:** Peru. **other id:** Ames 13908. **source:** NC-7. **group:** Ames. **other id:** APUC-106. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 35 min. S. **longitude:** 072 deg. 55 min. W. **elevation:** 2377m. Annual. Landrace. Seed.
- PI 571876 **donor id:** Apurimac 113. **origin:** Peru. **other id:** Ames 13909. **source:** NC-7. **group:** Ames. **other id:** APUC-113. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 35 min. S. **longitude:** 072 deg. 55 min. W. **elevation:** 2377m. Annual. Landrace. Seed.
- PI 571877 **donor id:** Apurimac 114. **origin:** Peru. **other id:** Ames 13910. **source:** NC-7. **group:** Ames. **other id:** APUC-114. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 35 min. S. **longitude:** 072 deg. 55 min. W. **elevation:** 2377m. Annual. Landrace. Seed.
- PI 571878 **donor id:** Apurimac 123. **origin:** Peru. **collected:** January 1968. **other id:** Ames 13911. **source:** NC-7. **group:** Ames. **other id:** APUC-123. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 35 min. S. **longitude:** 072 deg. 55 min. W. **elevation:** 2500m. Annual. Landrace. Seed.
- PI 571879 **donor id:** Apurimac 127. **origin:** Peru. **local name:** Urquillos. **collected:** June 20, 1968. **other id:** Ames 13912. **source:** NC-7. **group:** Ames. **other id:** APUC-127. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 35 min. S. **longitude:** 072 deg. 55 min. W. **elevation:** 2500m. Annual. Landrace. Seed.
- PI 571880 **donor id:** Apurimac 139. **origin:** Peru. **local name:** Matarino Huatemalle. **collected:** June 20, 1968. **other id:** Ames 13913. **source:** NC-7. **group:** Ames. **other id:** APUC-139. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 35 min. S. **longitude:** 072 deg. 55 min. W. **elevation:** 2500m. Annual. Landrace. Seed.
- PI 571881 **donor id:** Apurimac 144. **origin:** Peru. **local name:** Amarillo Cristalino. **collected:** June 20, 1968. **other id:** Ames 13914. **source:** NC-7. **group:** Ames. **other id:** APUC-144. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 35 min. S. **longitude:** 072 deg. 55 min. W. **elevation:** 2500m. Annual. Landrace. Seed.

PI 571868 to 571950-continued

- PI 571882 **donor id:** Apurimac 145. **origin:** Peru. **local name:** Amarillo. **collected:** June 20, 1968. **other id:** Ames 13915. **source:** NC-7. **group:** Ames. **other id:** APUC-145. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 35 min. S. **longitude:** 072 deg. 55 min. W. **elevation:** 2500m. Annual. Landrace. Seed.
- PI 571883 **donor id:** Apurimac 164. **origin:** Peru. **local name:** Cinto. **collected:** 1968. **other id:** Ames 13916. **source:** NC-7. **group:** Ames. **other id:** APUC-164. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 35 min. S. **longitude:** 072 deg. 55 min. W. **elevation:** 2500m. Annual. Landrace. Seed.
- PI 571884 **donor id:** Apurimac 167. **origin:** Peru. **collected:** 1968. **other id:** Ames 13917. **source:** NC-7. **group:** Ames. **other id:** APUC-167. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 35 min. S. **longitude:** 072 deg. 55 min. W. **elevation:** 2500m. Annual. Landrace. Seed.
- PI 571885 **donor id:** Apurimac 172. **origin:** Peru. **collected:** June 21, 1968. **other id:** Ames 13918. **source:** NC-7. **group:** Ames. **other id:** APUC-172. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 35 min. S. **longitude:** 072 deg. 55 min. W. **elevation:** 2360m. Annual. Landrace. Seed.
- PI 571886 **donor id:** Apurimac 185. **origin:** Peru. **collected:** June 22, 1968. **other id:** Ames 13919. **source:** NC-7. **group:** Ames. **other id:** APUC-185. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 35 min. S. **longitude:** 072 deg. 55 min. W. **elevation:** 2600m. Annual. Landrace. Seed.
- PI 571887 **donor id:** Apurimac 187. **origin:** Peru. **collected:** June 22, 1968. **other id:** Ames 13920. **source:** NC-7. **group:** Ames. **other id:** APUC-187. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 35 min. S. **longitude:** 072 deg. 55 min. W. **elevation:** 2600m. Annual. Landrace. Seed.
- PI 571888 **donor id:** Arequipa 156. **origin:** Peru. **collected:** February 1978. **other id:** Ames 13921. **source:** NC-7. **group:** Ames. **other id:** AREQ-156. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 16 deg. 24 min. S. **longitude:** 071 deg. 33 min. W. **elevation:** 3090m. Annual. Landrace. Seed.

PI 571868 to 571950-continued

- PI 571889 donor id: Arequipa 168. origin: Peru. collected: June 1978. other id: Ames 13922. source: NC-7. group: Ames. other id: AREQ-168. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 16 deg. 24 min. S. longitude: 071 deg. 33 min. W. elevation: 2600m. Annual. Landrace. Seed.
- PI 571890 donor id: Arequipa 169. origin: Peru. collected: June 1978. other id: Ames 13923. source: NC-7. group: Ames. other id: AREQ-169. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 16 deg. 24 min. S. longitude: 071 deg. 33 min. W. elevation: 2600m. Annual. Landrace. Seed.
- PI 571891 donor id: Arequipa 170. origin: Peru. collected: June 1978. other id: Ames 13924. source: NC-7. group: Ames. other id: AREQ-170. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 16 deg. 24 min. S. longitude: 071 deg. 33 min. W. elevation: 2600m. Annual. Landrace. Seed.
- PI 571892 donor id: Arequipa 189. origin: Peru. collected: June 1978. other id: Ames 13925. source: NC-7. group: Ames. other id: AREQ-189. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 16 deg. 24 min. S. longitude: 071 deg. 33 min. W. elevation: 2410m. Annual. Landrace. Seed.
- PI 571893 donor id: Arequipa 190. origin: Peru. collected: June 1978. other id: Ames 13926. source: NC-7. group: Ames. other id: AREQ-190. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 16 deg. 24 min. S. longitude: 071 deg. 33 min. W. elevation: 2600m. Annual. Landrace. Seed.
- PI 571894 donor id: Ayacucho 136. origin: Peru. collected: June 1976. other id: Ames 13927. source: NC-7. group: Ames. other id: AYA -136. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 13 deg. S. longitude: 074 deg. W. elevation: 3160m. Annual. Landrace. Seed.
- PI 571895 donor id: Ayacucho 148. origin: Peru. collected: June 1976. other id: Ames 13928. source: NC-7. group: Ames. other id: AYA -148. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 13 deg. 16 min. S. longitude: 074 deg. 21 min. W. elevation: 3120m. Annual. Landrace. Seed.

PI 571868 to 571950-continued

- PI 571896 **donor id:** Cajamarca 15. **origin:** Peru. **local name:** Colorado. **collected:** August 1953. **other id:** Ames 13929. **source:** NC-7. **group:** Ames. **other id:** CAJ -015. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 07 deg. 14 min. S. **longitude:** 078 deg. 51 min. W. **elevation:** 1000m. Annual. Landrace. Seed.
- PI 571897 **donor id:** Cajamarca 195. **origin:** Peru. **collected:** May 1980. **other id:** Ames 13930. **source:** NC-7. **group:** Ames. **other id:** CAJ -195. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 05 deg. 42 min. S. **longitude:** 078 deg. 47 min. W. **elevation:** 520m. Annual. Landrace. Seed.
- PI 571898 **donor id:** Cajamarca 203. **origin:** Peru. **collected:** May 1980. **other id:** Ames 13931. **source:** NC-7. **group:** Ames. **other id:** CAJ -203. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 05 deg. 42 min. S. **longitude:** 078 deg. 47 min. W. **elevation:** 1000m. Annual. Landrace. Seed.
- PI 571899 **donor id:** Cuzco 31. **origin:** Peru. **collected:** 1954. **other id:** Ames 13932. **source:** NC-7. **group:** Ames. **other id:** CUZ -031. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 14 deg. S. **longitude:** 071 deg. W. **elevation:** 3418m. Annual. Landrace. Seed.
- PI 571900 **donor id:** Cuzco 113. **origin:** Peru. **local name:** Chunco. **collected:** June 1953. **other id:** Ames 13933. **source:** NC-7. **group:** Ames. **other id:** CUZ -113. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. S. **longitude:** 073 deg. W. **elevation:** 1080m. Annual. Landrace. Seed.
- PI 571901 **donor id:** Cuzco 120. **origin:** Peru. **collected:** June 1953. **other id:** Ames 13934. **source:** NC-7. **group:** Ames. **other id:** CUZ -120. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 12 deg. 49 min. S. **longitude:** 072 deg. 43 min. W. **elevation:** 1200m. Annual. Landrace. Seed.
- PI 571902 **donor id:** Cuzco 237. **origin:** Peru. **other id:** Ames 13935. **source:** NC-7. **group:** Ames. **other id:** CUZ -237. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. S. **longitude:** 073 deg. W. **elevation:** 700m. Annual. Landrace. Seed.

PI 571868 to 571950-continued

- PI 571903 **donor id:** Cuzco 243. **origin:** Peru. **other id:** Ames 13936. **source:** NC-7. **group:** Ames. **other id:** CUZ -243. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. S. **longitude:** 073 deg. W. **elevation:** 700m. Annual. Landrace. Seed.
- PI 571904 **donor id:** Cuzco 246. **origin:** Peru. **other id:** Ames 13937. **source:** NC-7. **group:** Ames. **other id:** CUZ -246. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 12 deg. 49 min. S. **longitude:** 072 deg. 43 min. W. **elevation:** 1000m. Annual. Landrace. Seed.
- PI 571905 **donor id:** Cuzco 325. **origin:** Peru. **collected:** July 1975. **other id:** Ames 13938. **source:** NC-7. **group:** Ames. **other id:** CUZ -325. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. S. **longitude:** 073 deg. W. **elevation:** 585m. Annual. Landrace. Seed.
- PI 571906 **donor id:** Cuzco 332. **origin:** Peru. **collected:** July 1975. **other id:** Ames 13939. **source:** NC-7. **group:** Ames. **other id:** CUZ -332. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. S. **longitude:** 073 deg. W. **elevation:** 810m. Annual. Landrace. Seed.
- PI 571907 **donor id:** Cuzco 333. **origin:** Peru. **collected:** July 1975. **other id:** Ames 13940. **source:** NC-7. **group:** Ames. **other id:** CUZ -333. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. S. **longitude:** 073 deg. W. **elevation:** 810m. Annual. Landrace. Seed.
- PI 571908 **donor id:** Huancavelica 94. **origin:** Peru. **collected:** June 1954. **other id:** Ames 13941. **source:** NC-7. **group:** Ames. **other id:** HVCA-094. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 12 deg. S. **longitude:** 075 deg. W. **elevation:** 3050m. Annual. Landrace. Seed.
- PI 571909 **donor id:** Huanuco 49. **origin:** Peru. **local name:** Morocho Amarillo. **collected:** June 1953. **other id:** Ames 13942. **source:** NC-7. **group:** Ames. **other id:** HCO -049. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 09 deg. 55 min. S. **longitude:** 076 deg. 14 min. W. **elevation:** 1900m. Annual. Landrace. Seed.

PI 571868 to 571950-continued

- PI 571910 **donor id:** Huanuco 52. **origin:** Peru. **collected:** June 1953. **other id:** Ames 13943. **source:** NC-7. **group:** Ames. **other id:** HCO -052. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 09 deg. 55 min. S. **longitude:** 076 deg. 14 min. W. **elevation:** 1900m. Annual. Landrace. Seed.
- PI 571911 **donor id:** Huanuco 181. **origin:** Peru. **collected:** August 1981. **other id:** HCO -181. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **other id:** Ames 13945. **source:** NC-7. **group:** Ames. **latitude:** 10 deg. 04 min. S. **longitude:** 075 deg. 32 min. W. **elevation:** 850m. Annual. Landrace. Seed.
- PI 571912 **donor id:** Huanuco 183. **origin:** Peru. **collected:** August 1981. **other id:** HCO -183. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **other id:** Ames 13946. **source:** NC-7. **group:** Ames. **latitude:** 10 deg. 04 min. S. **longitude:** 075 deg. 32 min. W. **elevation:** 860m. Annual. Landrace. Seed.
- PI 571913 **donor id:** Huanuco 191. **origin:** Peru. **collected:** August 1981. **other id:** Ames 13944. **source:** NC-7. **group:** Ames. **other id:** HCO -191. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 10 deg. 04 min. S. **longitude:** 075 deg. 32 min. W. **elevation:** 870m. Annual. Landrace. Seed.
- PI 571914 **donor id:** Junin 11. **origin:** Peru. **local name:** Humo. **other id:** Ames 13947. **source:** NC-7. **group:** Ames. **other id:** JUN -011. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 12 deg. 04 min. S. **longitude:** 075 deg. 14 min. W. **elevation:** 3300m. Annual. Landrace. Seed.
- PI 571915 **donor id:** Junin 38. **origin:** Peru. **collected:** June 1954. **other id:** Ames 13948. **source:** NC-7. **group:** Ames. **other id:** JUN -038. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 11 deg. 48 min. S. **longitude:** 075 deg. 30 min. W. **elevation:** 3300m. Annual. Landrace. Seed.
- PI 571916 **donor id:** Junin 221. **origin:** Peru. **collected:** July 1980. **other id:** Ames 13949. **source:** NC-7. **group:** Ames. **other id:** JUN -221. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 11 deg. 16 min. S. **longitude:** 074 deg. 37 min. W. **elevation:** 950m. Annual. Landrace. Seed.

PI 571868 to 571950-continued

- PI 571917 **donor id:** Junin 222. **origin:** Peru. **collected:** July 1980. **other id:** Ames 13950. **source:** NC-7. **group:** Ames. **other id:** JUN -222. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 11 deg. 16 min. S. **longitude:** 074 deg. 37 min. W. **elevation:** 950m. Annual. Landrace. Seed.
- PI 571918 **donor id:** Junin 224. **origin:** Peru. **collected:** July 1980. **other id:** Ames 13951. **source:** NC-7. **group:** Ames. **other id:** JUN -224. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 11 deg. S. **longitude:** 075 deg. W. **elevation:** 1500m. Annual. Landrace. Seed.
- PI 571919 **donor id:** Loreto 15. **origin:** Peru. **collected:** December 1979. **other id:** Ames 13952. **source:** NC-7. **group:** Ames. **other id:** LOR -015. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 11 deg. S. **longitude:** 074 deg. W. **elevation:** 210m. Annual. Landrace. Seed.
- PI 571920 **donor id:** Loreto 16. **origin:** Peru. **collected:** December 1979. **other id:** Ames 13953. **source:** NC-7. **group:** Ames. **other id:** LOR -016. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 11 deg. S. **longitude:** 074 deg. W. **elevation:** 210m. Annual. Landrace. Seed.
- PI 571921 **donor id:** Loreto 19. **origin:** Peru. **collected:** December 1979. **other id:** Ames 13954. **source:** NC-7. **group:** Ames. **other id:** LOR -019. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 11 deg. S. **longitude:** 074 deg. W. **elevation:** 272m. Annual. Landrace. Seed.
- PI 571922 **donor id:** Loreto 26. **origin:** Peru. **collected:** December 1979. **other id:** Ames 13955. **source:** NC-7. **group:** Ames. **other id:** LOR -026. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 11 deg. S. **longitude:** 074 deg. W. **elevation:** 272m. Annual. Landrace. Seed.
- PI 571923 **donor id:** Loreto 27. **origin:** Peru. **collected:** December 1979. **other id:** Ames 13956. **source:** NC-7. **group:** Ames. **other id:** LOR -027. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 11 deg. S. **longitude:** 074 deg. W. **elevation:** 272m. Annual. Landrace. Seed.

PI 571868 to 571950-continued

- PI 571924 donor id: Loreto 28. origin: Peru. collected: December 1979. other id: Ames 13957. source: NC-7. group: Ames. other id: LOR -028. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 11 deg. S. longitude: 074 deg. W. elevation: 272m. Annual. Landrace. Seed.
- PI 571925 donor id: Loreto 35. origin: Peru. collected: 1981. other id: Ames 13958. source: NC-7. group: Ames. other id: LOR -035. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. Annual. Landrace. Seed.
- PI 571926 donor id: Loreto 40. origin: Peru. collected: 1981. other id: Ames 13959. source: NC-7. group: Ames. other id: LOR -040. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. Annual. Landrace. Seed.
- PI 571927 donor id: Loreto 41. origin: Peru. collected: 1981. other id: Ames 13960. source: NC-7. group: Ames. other id: LOR -041. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. Annual. Landrace. Seed.
- PI 571928 donor id: Madre de Dios 19. origin: Peru. other id: Ames 13961. source: NC-7. group: Ames. other id: M.DI-019. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 13 deg. 41 min. S. longitude: 069 deg. 32 min. W. elevation: 300m. Annual. Landrace. Seed.
- PI 571929 donor id: Madre de Dios 28. origin: Peru. collected: April 1980. other id: Ames 13962. source: NC-7. group: Ames. other id: M.DI-028. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 13 deg. 41 min. S. longitude: 069 deg. 32 min. W. elevation: 300m. Annual. Landrace. Seed.
- PI 571930 donor id: Madre de Dios 44. origin: Peru. collected: April 1980. other id: Ames 13963. source: NC-7. group: Ames. other id: M.DI-044. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 13 deg. 41 min. S. longitude: 069 deg. 32 min. W. elevation: 280m. Annual. Landrace. Seed.
- PI 571931 donor id: Pasco 12. origin: Peru. collected: July 1980. other id: Ames 13964. source: NC-7. group: Ames. other id: PAS -012. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 10 deg. 34 min. S. longitude: 075 deg. 24 min. W. elevation: 850m. Annual. Landrace. Seed.

PI 571868 to 571950-continued

- PI 571932 **donor id:** Pasco 28. **origin:** Peru. **collected:** September 1981. **other id:** Ames 13965. **source:** NC-7. **group:** Ames. **other id:** PAS -028. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 10 deg. 20 min. S. **longitude:** 074 deg. 54 min. W. **elevation:** 294m. Annual. Landrace. Seed.
- PI 571933 **donor id:** Pasco 37. **origin:** Peru. **collected:** September 1981. **other id:** Ames 13966. **source:** NC-7. **group:** Ames. **other id:** PAS -037. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 10 deg. 34 min. S. **longitude:** 075 deg. 24 min. W. **elevation:** 550m. Annual. Landrace. Seed.
- PI 571934 **donor id:** Pasco 39. **origin:** Peru. **collected:** September 1981. **other id:** Ames 13967. **source:** NC-7. **group:** Ames. **other id:** PAS -039. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 10 deg. 34 min. S. **longitude:** 075 deg. 24 min. W. **elevation:** 580m. Annual. Landrace. Seed.
- PI 571935 **donor id:** Puno 27. **origin:** Peru. **local name:** Ubino. **collected:** July 1954. **other id:** Ames 13968. **source:** NC-7. **group:** Ames. **other id:** PUN -027. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 15 deg. 50 min. S. **longitude:** 070 deg. 02 min. W. **elevation:** 3800m. Annual. Landrace. Seed.
- PI 571936 **donor id:** San Martin 27. **origin:** Peru. **collected:** December 1979. **other id:** Ames 13969. **source:** NC-7. **group:** Ames. **other id:** SMTI-027. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 06 deg. 02 min. S. **longitude:** 077 deg. 02 min. W. **elevation:** 860m. Annual. Landrace. Seed.
- PI 571937 **donor id:** San Martin 33. **origin:** Peru. **collected:** December 1979. **other id:** Ames 13970. **source:** NC-7. **group:** Ames. **other id:** SMTI-033. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 06 deg. 03 min. S. **longitude:** 076 deg. 58 min. W. **elevation:** 890m. Annual. Landrace. Seed.
- PI 571938 **donor id:** San Martin 48. **origin:** Peru. **collected:** December 1979. **other id:** Ames 13971. **source:** NC-7. **group:** Ames. **other id:** SMTI-048. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 06 deg. 03 min. S. **longitude:** 076 deg. 58 min. W. **elevation:** 870m. Annual. Landrace. Seed.

PI 571868 to 571950-continued

- PI 571939 **donor id:** San Martin 83. **origin:** Peru. **collected:** February 1980. **other id:** Ames 13972. **source:** NC-7. **group:** Ames. **other id:** SMTI-083. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 07 deg. S. **longitude:** 076 deg. 50 min. W. **elevation:** 240m. Annual. Landrace. Seed.
- PI 571940 **donor id:** San Martin 90. **origin:** Peru. **collected:** March 1980. **other id:** Ames 13973. **source:** NC-7. **group:** Ames. **other id:** SMTI-090. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 06 deg. 25 min. S. **longitude:** 076 deg. 35 min. W. **elevation:** 370m. Annual. Landrace. Seed.
- PI 571941 **donor id:** San Martin 91. **origin:** Peru. **collected:** March 1980. **other id:** Ames 13974. **source:** NC-7. **group:** Ames. **other id:** SMTI-091. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 06 deg. 25 min. S. **longitude:** 076 deg. 35 min. W. **elevation:** 360m. Annual. Landrace. Seed.
- PI 571942 **donor id:** San Martin 94. **origin:** Peru. **collected:** March 1980. **other id:** Ames 13975. **source:** NC-7. **group:** Ames. **other id:** SMTI-094. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 07 deg. S. **longitude:** 076 deg. 50 min. W. **elevation:** 260m. Annual. Landrace. Seed.
- PI 571943 **donor id:** San Martin 100. **origin:** Peru. **collected:** March 1980. **other id:** Ames 13976. **source:** NC-7. **group:** Ames. **other id:** SMTI-100. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 06 deg. 25 min. S. **longitude:** 076 deg. 35 min. W. **elevation:** 700m. Annual. Landrace. Seed.
- PI 571944 **donor id:** San Martin 102. **origin:** Peru. **collected:** April 1980. **other id:** Ames 13977. **source:** NC-7. **group:** Ames. **other id:** SMTI-102. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 06 deg. 25 min. S. **longitude:** 076 deg. 35 min. W. **elevation:** 650m. Annual. Landrace. Seed.
- PI 571945 **donor id:** San Martin 108. **origin:** Peru. **collected:** April 1980. **other id:** Ames 13978. **source:** NC-7. **group:** Ames. **other id:** SMTI-108. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 07 deg. S. **longitude:** 076 deg. 50 min. W. **elevation:** 200m. Annual. Landrace. Seed.

PI 571868 to 571950-continued

- PI 571946 donor id: San Martin 116. origin: Peru. collected: May 1980. other id: Ames 13979. source: NC-7. group: Ames. other id: SMTI-116. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 07 deg. 11 min. S. longitude: 076 deg. 45 min. W. elevation: 314m. Annual. Landrace. Seed.
- PI 571947 donor id: San Martin 117. origin: Peru. collected: May 1980. other id: Ames 13980. source: NC-7. group: Ames. other id: SMTI-117. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 07 deg. 11 min. S. longitude: 076 deg. 45 min. W. elevation: 314m. Annual. Landrace. Seed.
- PI 571948 donor id: San Martin 118. origin: Peru. collected: June 1980. other id: Ames 13981. source: NC-7. group: Ames. other id: SMTI-118. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 07 deg. S. longitude: 077 deg. W. elevation: 360m. Annual. Landrace. Seed.
- PI 571949 donor id: Ucayali 2. origin: Peru. collected: July 1980. other id: Ames 13982. source: NC-7. group: Ames. other id: UCAY-002. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. Annual. Landrace. Seed.
- PI 571950 donor id: Ucayali 17. origin: Peru. collected: July 1980. other id: Ames 13983. source: NC-7. group: Ames. other id: UCAY-017. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 11 deg. S. longitude: 074 deg. W. Annual. Landrace. Seed.

PI 571951 to 572014. Zea mays L. subsp. mays POACEAE Corn

Donated by: Sevilla P., R., Programa Cooperative De Invest. en Maiz, Universidad Nacional Agraria La Molina, La Molina Apartado 456, La Molina, Lima, Peru. **remarks:** Accessions received through a cooperative increase project with the United States Department of Agriculture. Received March 16, 1990.

- PI 571951 donor id: Amazonas 12. origin: Peru. collected: July 1956. other id: Ames 13984. source: NC-7. group: Ames. other id: AMAZ-012. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 05 deg. 30 min. S. longitude: 078 deg. W. elevation: 2200m. Annual. Landrace. Seed.

PI 571951 to 572014-continued

- PI 571952 **donor id:** Amazonas 13. **origin:** Peru. **collected:** July 1956. **other id:** Ames 13985. **source:** NC-7. **group:** Ames. **other id:** AMAZ-013. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 05 deg. 30 min. S. **longitude:** 078 deg. W. **elevation:** 2200m. Annual. Landrace. Seed.
- PI 571953 **donor id:** Amazonas 36. **origin:** Peru. **collected:** July 1956. **other id:** Ames 13986. **source:** NC-7. **group:** Ames. **other id:** AMAZ-036. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 06 deg. 13 min. S. **longitude:** 077 deg. 51 min. W. **elevation:** 2000m. Annual. Landrace. Seed.
- PI 571954 **donor id:** Ancash 31. **origin:** Peru. **collected:** June 1953. **other id:** Ames 13987. **source:** NC-7. **group:** Ames. **other id:** ANC -031. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 09 deg. 32 min. S. **longitude:** 077 deg. 32 min. W. **elevation:** 3207m. Annual. Landrace. Seed.
- PI 571955 **donor id:** Ancash 33. **origin:** Peru. **collected:** June 1953. **other id:** Ames 13988. **source:** NC-7. **group:** Ames. **other id:** ANC -033. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 09 deg. 32 min. S. **longitude:** 077 deg. 32 min. W. **elevation:** 3200m. Annual. Landrace. Seed.
- PI 571956 **donor id:** Ancash 41. **origin:** Peru. **collected:** June 1953. **other id:** Ames 13989. **source:** NC-7. **group:** Ames. **other id:** ANC -041. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 09 deg. 32 min. S. **longitude:** 077 deg. 32 min. W. **elevation:** 3250m. Annual. Landrace. Seed.
- PI 571957 **donor id:** Ancash 46. **origin:** Peru. **collected:** June 1953. **other id:** Ames 13990. **source:** NC-7. **group:** Ames. **other id:** ANC -046. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 09 deg. 32 min. S. **longitude:** 077 deg. 32 min. W. **elevation:** 3190m. Annual. Landrace. Seed.
- PI 571958 **donor id:** Ancash 47. **origin:** Peru. **collected:** June 1953. **other id:** Ames 13991. **source:** NC-7. **group:** Ames. **other id:** ANC -047. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 09 deg. 32 min. S. **longitude:** 077 deg. 32 min. W. **elevation:** 3190m. Annual. Landrace. Seed.

PI 571951 to 572014-continued

- PI 571959 **donor id:** Ancash 169. **origin:** Peru. **collected:** October 1953. **other id:** Ames 13992. **source:** NC-7. **group:** Ames. **other id:** ANC -169. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 09 deg. 20 min. S. **longitude:** 077 deg. 14 min. W. **elevation:** 3100m. Annual. Landrace. Seed.
- PI 571960 **donor id:** Ancash 184. **origin:** Peru. **local name:** Aleman. **collected:** July 1953. **other id:** Ames 13993. **source:** NC-7. **group:** Ames. **other id:** ANC -184. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 09 deg. 20 min. S. **longitude:** 077 deg. 14 min. W. **elevation:** 3150m. Annual. Landrace. Seed.
- PI 571961 **donor id:** Ancash 185. **origin:** Peru. **collected:** July 1953. **other id:** Ames 13994. **source:** NC-7. **group:** Ames. **other id:** ANC -185. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 09 deg. 20 min. S. **longitude:** 077 deg. 14 min. W. **elevation:** 3150m. Annual. Landrace. Seed.
- PI 571962 **donor id:** Ancash 188. **origin:** Peru. **collected:** July 1953. **other id:** Ames 13995. **source:** NC-7. **group:** Ames. **other id:** ANC -188. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 09 deg. 20 min. S. **longitude:** 077 deg. 14 min. W. **elevation:** 3100m. Annual. Landrace. Seed.
- PI 571963 **donor id:** Ancash 204. **origin:** Peru. **collected:** June 1953. **other id:** Ames 13996. **source:** NC-7. **group:** Ames. **other id:** ANC -204. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 08 deg. 50 min. S. **longitude:** 077 deg. 28 min. W. **elevation:** 3100m. Annual. Landrace. Seed.
- PI 571964 **donor id:** Ancash 209. **origin:** Peru. **local name:** Amarillo. **collected:** July 1953. **other id:** Ames 13997. **source:** NC-7. **group:** Ames. **other id:** ANC -209. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 09 deg. 20 min. S. **longitude:** 077 deg. 14 min. W. **elevation:** 3300m. Annual. Landrace. Seed.
- PI 571965 **donor id:** Ancash 211. **origin:** Peru. **local name:** Morocho. **collected:** July 1953. **other id:** Ames 13998. **source:** NC-7. **group:** Ames. **other id:** ANC -211. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 09 deg. 20 min. S. **longitude:** 077 deg. 14 min. W. **elevation:** 3100m. Annual. Landrace. Seed.

PI 571951 to 572014-continued

- PI 571966 **donor id:** Ancash 233. **origin:** Peru. **collected:** July 1953. **other id:** Ames 13999. **source:** NC-7. **group:** Ames. **other id:** ANC -233. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 09 deg. 20 min. S. **longitude:** 077 deg. 14 min. W. **elevation:** 3100m. Annual. Landrace. Seed.
- PI 571967 **donor id:** Ancash 266. **origin:** Peru. **collected:** August 1956. **other id:** Ames 14000. **source:** NC-7. **group:** Ames. **other id:** ANC -266. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 10 deg. 09 min. S. **longitude:** 077 deg. 11 min. W. **elevation:** 2300m. Annual. Landrace. Seed.
- PI 571968 **donor id:** Ancash 281. **origin:** Peru. **collected:** August 1956. **other id:** Ames 14001. **source:** NC-7. **group:** Ames. **other id:** ANC -281. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 10 deg. S. **longitude:** 077 deg. W. **elevation:** 2400m. Annual. Landrace. Seed.
- PI 571969 **donor id:** Ancash 322. **origin:** Peru. **collected:** August 1956. **other id:** Ames 14002. **source:** NC-7. **group:** Ames. **other id:** ANC -322. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 08 deg. 15 min. S. **longitude:** 078 deg. 01 min. W. **elevation:** 2600m. Annual. Landrace. Seed.
- PI 571970 **donor id:** Ancash 363. **origin:** Peru. **other id:** Ames 14003. **source:** NC-7. **group:** Ames. **other id:** ANC -363. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. Annual. Landrace. Seed.
- PI 571971 **donor id:** Ancash 365. **origin:** Peru. **other id:** Ames 14004. **source:** NC-7. **group:** Ames. **other id:** ANC -365. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. Annual. Landrace. Seed.
- PI 571972 **donor id:** Ancash 379. **origin:** Peru. **collected:** August 1956. **other id:** Ames 14005. **source:** NC-7. **group:** Ames. **other id:** ANC -379. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 10 deg. S. **longitude:** 077 deg. W. **elevation:** 3360m. Annual. Landrace. Seed.
- PI 571973 **donor id:** Ancash 515. **origin:** Peru. **local name:** Cuzco. **collected:** July 17, 1968. **other id:** Ames 14006. **source:** NC-7. **group:** Ames. **other id:** ANC -515. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 09 deg. 20 min. S. **longitude:** 077 deg. 14 min. W. **elevation:** 3100m. Annual. Landrace. Seed.

PI 571951 to 572014-continued

- PI 571974 **donor id:** Ancash 525. **origin:** Peru. **collected:** July 17, 1968. **other id:** Ames 14007. **source:** NC-7. **group:** Ames. **other id:** ANC -525. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 09 deg. 20 min. S. **longitude:** 077 deg. 14 min. W. **elevation:** 3100m. Annual. Landrace. Seed.
- PI 571975 **donor id:** Cajamarca 101. **origin:** Peru. **collected:** August 1973. **other id:** Ames 14008. **source:** NC-7. **group:** Ames. **other id:** CAJ -101. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 06 deg. 46 min. S. **longitude:** 078 deg. 37 min. W. **elevation:** 3300m. Annual. Landrace. Seed.
- PI 571976 **donor id:** Cajamarca 106. **origin:** Peru. **collected:** August 1973. **other id:** Ames 14009. **source:** NC-7. **group:** Ames. **other id:** CAJ -106. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 06 deg. 46 min. S. **longitude:** 078 deg. 37 min. W. **elevation:** 3300m. Annual. Landrace. Seed.
- PI 571977 **donor id:** Cajamarca 202. **origin:** Peru. **collected:** May 1980. **other id:** Ames 14010. **source:** NC-7. **group:** Ames. **other id:** CAJ -202. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 05 deg. 42 min. S. **longitude:** 078 deg. 47 min. W. **elevation:** 600m. Annual. Landrace. Seed.
- PI 571978 **donor id:** Cajamarca 216. **origin:** Peru. **collected:** May 1980. **other id:** Ames 14011. **source:** NC-7. **group:** Ames. **other id:** CAJ -216. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 05 deg. S. **longitude:** 079 deg. W. **elevation:** 1200m. Annual. Landrace. Seed.
- PI 571979 **donor id:** Cuzco 189. **origin:** Peru. **local name:** Piricinco. **collected:** July 20, 1968. **other id:** Ames 14012. **source:** NC-7. **group:** Ames. **other id:** CUZ -189. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. S. **longitude:** 073 deg. W. **elevation:** 1080m. Annual. Landrace. Seed.
- PI 571980 **donor id:** Cuzco 239. **origin:** Peru. **other id:** Ames 14013. **source:** NC-7. **group:** Ames. **other id:** CUZ -239. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. S. **longitude:** 073 deg. W. **elevation:** 700m. Annual. Landrace. Seed.

PI 571951 to 572014-continued

- PI 571981 donor id: Huanuco 68. origin: Peru. collected: June 1953. other id: Ames 14014. source: NC-7. group: Ames. other id: HCO -068. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 09 deg. 55 min. S. longitude: 076 deg. 14 min. W. elevation: 1900m. Annual. Landrace. Seed.
- PI 571982 donor id: Huanuco 124. origin: Peru. other id: Ames 14015. source: NC-7. group: Ames. other id: HCO -124. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 10 deg. S. longitude: 077 deg. W. elevation: 3100m. Annual. Landrace. Seed.
- PI 571983 donor id: Huanuco 136. origin: Peru. other id: Ames 14016. source: NC-7. group: Ames. other id: HCO -136. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 10 deg. S. longitude: 077 deg. W. elevation: 3350m. Annual. Landrace. Seed.
- PI 571984 donor id: Huanuco 178. origin: Peru. collected: May 1980. other id: Ames 14017. source: NC-7. group: Ames. other id: HCO -178. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 09 deg. S. longitude: 076 deg. W. elevation: 660m. Annual. Landrace. Seed.
- PI 571985 donor id: Huanuco 179. origin: Peru. collected: May 1980. other id: Ames 14018. source: NC-7. group: Ames. other id: HCO -179. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 09 deg. S. longitude: 076 deg. W. elevation: 600m. Annual. Landrace. Seed.
- PI 571986 donor id: Huanuco 186. origin: Peru. collected: August 1981. other id: Ames 14019. source: NC-7. group: Ames. other id: HCO -186. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 10 deg. 04 min. S. longitude: 075 deg. 32 min. W. elevation: 850m. Annual. Landrace. Seed.
- PI 571987 donor id: Junin 217. origin: Peru. collected: July 1980. other id: Ames 14020. source: NC-7. group: Ames. other id: JUN -217. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 11 deg. 16 min. S. longitude: 074 deg. 37 min. W. elevation: 950m. Annual. Landrace. Seed.

PI 571951 to 572014-continued

- PI 571988 **donor id:** Loreto 17. **origin:** Peru. **collected:** December 1979. **other id:** Ames 14021. **source:** NC-7. **group:** Ames. **other id:** LOR -017. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 11 deg. S. **longitude:** 074 deg. W. **elevation:** 272m. Annual. Landrace. Seed.
- PI 571989 **donor id:** Loreto 18. **origin:** Peru. **collected:** December 1979. **other id:** Ames 14022. **source:** NC-7. **group:** Ames. **other id:** LOR -018. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 10 deg. S. **longitude:** 074 deg. W. **elevation:** 272m. Annual. Landrace. Seed.
- PI 571990 **donor id:** Loreto 21. **origin:** Peru. **collected:** December 1979. **other id:** Ames 14023. **source:** NC-7. **group:** Ames. **other id:** LOR -021. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 11 deg. S. **longitude:** 074 deg. W. **elevation:** 272m. Annual. Landrace. Seed.
- PI 571991 **donor id:** Loreto 24. **origin:** Peru. **collected:** December 1979. **other id:** Ames 14024. **source:** NC-7. **group:** Ames. **other id:** LOR -024. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 11 deg. S. **longitude:** 074 deg. W. **elevation:** 272m. Annual. Landrace. Seed.
- PI 571992 **donor id:** Loreto 34. **origin:** Peru. **collected:** 1981. **other id:** Ames 14025. **source:** NC-7. **group:** Ames. **other id:** LOR -034. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. Annual. Landrace. Seed.
- PI 571993 **donor id:** Madre de Dios 17. **origin:** Peru. **local name:** Hui Cungo. **collected:** June 16, 1968. **other id:** Ames 14026. **source:** NC-7. **group:** Ames. **other id:** M.DI-017. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 12 deg. 15 min. S. **longitude:** 070 deg. 50 min. W. Annual. Landrace. Seed.
- PI 571994 **donor id:** Madre de Dios 22. **origin:** Peru. **collected:** April 1980. **other id:** Ames 14027. **source:** NC-7. **group:** Ames. **other id:** M.DI-022. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 41 min. S. **longitude:** 069 deg. 32 min. W. **elevation:** 300m. Annual. Landrace. Seed.

PI 571951 to 572014-continued

- PI 571995 **donor id:** Pasco 34. **origin:** Peru. **collected:** September 1981. **other id:** Ames 14028. **source:** NC-7. **group:** Ames. **other id:** PAS -034. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 10 deg. 34 min. S. **longitude:** 075 deg. 24 min. W. **elevation:** 560m. Annual. Landrace. Seed.
- PI 571996 **donor id:** San Martin 26. **origin:** Peru. **collected:** December 1979. **other id:** Ames 14029. **source:** NC-7. **group:** Ames. **other id:** SMTI-026. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 06 deg. 02 min. S. **longitude:** 077 deg. 02 min. W. **elevation:** 870m. Annual. Landrace. Seed.
- PI 571997 **donor id:** San Martin 29. **origin:** Peru. **collected:** December 1979. **other id:** Ames 14030. **source:** NC-7. **group:** Ames. **other id:** SMTI-029. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 06 deg. 07 min. S. **longitude:** 076 deg. 57 min. W. **elevation:** 840m. Annual. Landrace. Seed.
- PI 571998 **donor id:** San Martin 30. **origin:** Peru. **collected:** December 1979. **other id:** Ames 14031. **source:** NC-7. **group:** Ames. **other id:** SMTI-030. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 06 deg. 07 min. S. **longitude:** 076 deg. 57 min. W. **elevation:** 900m. Annual. Landrace. Seed.
- PI 571999 **donor id:** San Martin 32. **origin:** Peru. **collected:** December 1979. **other id:** Ames 14032. **source:** NC-7. **group:** Ames. **other id:** SMTI-032. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 06 deg. 03 min. S. **longitude:** 076 deg. 58 min. W. **elevation:** 890m. Annual. Landrace. Seed.
- PI 572000 **donor id:** San Martin 43. **origin:** Peru. **collected:** December 1979. **other id:** Ames 14033. **source:** NC-7. **group:** Ames. **other id:** SMTI-043. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 06 deg. 05 min. S. **longitude:** 077 deg. 09 min. W. **elevation:** 900m. Annual. Landrace. Seed.
- PI 572001 **donor id:** San Martin 46. **origin:** Peru. **collected:** December 1979. **other id:** Ames 14034. **source:** NC-7. **group:** Ames. **other id:** SMTI-046. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 06 deg. 05 min. S. **longitude:** 077 deg. 09 min. W. **elevation:** 890m. Annual. Landrace. Seed.

PI 571951 to 572014-continued

- PI 572002 **donor id:** San Martin 60. **origin:** Peru. **collected:** December 1979. **other id:** Ames 14035. **source:** NC-7. **group:** Ames. **other id:** SMTI-060. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 06 deg. 05 min. S. **longitude:** 077 deg. 09 min. W. **elevation:** 1000m. Annual. Landrace. Seed.
- PI 572003 **donor id:** San Martin 68. **origin:** Peru. **collected:** January 1980. **other id:** Ames 14036. **source:** NC-7. **group:** Ames. **other id:** SMTI-068. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 06 deg. 25 min. S. **longitude:** 076 deg. 35 min. W. **elevation:** 400m. Annual. Landrace. Seed.
- PI 572004 **donor id:** San Martin 70. **origin:** Peru. **collected:** January 1980. **other id:** Ames 14037. **source:** NC-7. **group:** Ames. **other id:** SMTI-070. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 06 deg. 25 min. S. **longitude:** 076 deg. 35 min. W. **elevation:** 340m. Annual. Landrace. Seed.
- PI 572005 **donor id:** San Martin 76. **origin:** Peru. **collected:** January 1980. **other id:** Ames 14038. **source:** NC-7. **group:** Ames. **other id:** SMTI-076. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 06 deg. 25 min. S. **longitude:** 076 deg. 35 min. W. **elevation:** 600m. Annual. Landrace. Seed.
- PI 572006 **donor id:** San Martin 77. **origin:** Peru. **collected:** January 1980. **other id:** Ames 14039. **source:** NC-7. **group:** Ames. **other id:** SMTI-077. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 06 deg. 28 min. S. **longitude:** 076 deg. 28 min. W. **elevation:** 240m. Annual. Landrace. Seed.
- PI 572007 **donor id:** San Martin 82. **origin:** Peru. **collected:** February 1980. **other id:** Ames 14040. **source:** NC-7. **group:** Ames. **other id:** SMTI-082. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 06 deg. 28 min. S. **longitude:** 076 deg. 28 min. W. **elevation:** 260m. Annual. Landrace. Seed.
- PI 572008 **donor id:** San Martin 87. **origin:** Peru. **collected:** February 1980. **other id:** Ames 14041. **source:** NC-7. **group:** Ames. **other id:** SMTI-087. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 06 deg. 30 min. S. **longitude:** 076 deg. 25 min. W. **elevation:** 260m. Annual. Landrace. Seed.

PI 571951 to 572014-continued

- PI 572009 **donor id:** San Martin 97. **origin:** Peru. **collected:** March 1980. **other id:** Ames 14042. **source:** NC-7. **group:** Ames. **other id:** SMTI-097. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 07 deg. S. **longitude:** 076 deg. 50 min. W. **elevation:** 200m. Annual. Landrace. Seed.
- PI 572010 **donor id:** San Martin 99. **origin:** Peru. **collected:** March 1980. **other id:** Ames 14043. **source:** NC-7. **group:** Ames. **other id:** SMTI-099. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 06 deg. 30 min. S. **longitude:** 076 deg. 25 min. W. **elevation:** 280m. Annual. Landrace. Seed.
- PI 572011 **donor id:** San Martin 115. **origin:** Peru. **collected:** May 1980. **other id:** Ames 14044. **source:** NC-7. **group:** Ames. **other id:** SMTI-115. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 07 deg. 11 min. S. **longitude:** 076 deg. 45 min. W. **elevation:** 314m. Annual. Landrace. Seed.
- PI 572012 **donor id:** San Martin 120. **origin:** Peru. **collected:** June 1980. **other id:** Ames 14045. **source:** NC-7. **group:** Ames. **other id:** SMTI-120. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 07 deg. 17 min. S. **longitude:** 076 deg. 48 min. W. **elevation:** 340m. Annual. Landrace. Seed.
- PI 572013 **donor id:** San Martin 128. **origin:** Peru. **collected:** June 1980. **other id:** Ames 14046. **source:** NC-7. **group:** Ames. **other id:** SMTI-128. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 07 deg. S. **longitude:** 076 deg. 50 min. W. Annual. Landrace. Seed.
- PI 572014 **donor id:** Ucayali 15. **origin:** Peru. **collected:** July 1980. **other id:** Ames 14047. **source:** NC-7. **group:** Ames. **other id:** UCAY-015. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 07 deg. S. **longitude:** 075 deg. W. **elevation:** 120m. Annual. Landrace. Seed.

PI 572015 to 572076. *Zea mays* L. subsp. *mays* POACEAE Corn

Donated by: Sevilla P., R., Programa Cooperative De Invest. en Maiz, Universidad Nacional Agraria La Molina, La Molina Apartado 456, La Molina, Lima, Peru. **remarks:** Accessions received through a cooperative increase project with the United States Department of Agriculture. Received April 18, 1990.

PI 572015 to 572076-continued

- PI 572015 **donor id:** Ancash 37. **origin:** Peru. **collected:** June 1953. **other id:** Ames 14048. **source:** NC-7. **group:** Ames. **other id:** ANC -037. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 09 deg. 32 min. S. **longitude:** 077 deg. 32 min. W. **elevation:** 3200m. Annual. Landrace. Seed.
- PI 572016 **donor id:** Ancash 150. **origin:** Peru. **local name:** Shajatu. **collected:** July 1953. **other id:** Ames 14049. **source:** NC-7. **group:** Ames. **other id:** ANC -150. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 08 deg. 35 min. S. **longitude:** 077 deg. 55 min. W. **elevation:** 3192m. Annual. Landrace. Seed.
- PI 572017 **donor id:** Ancash 151. **origin:** Peru. **local name:** Colorado. **collected:** July 1953. **other id:** Ames 14050. **source:** NC-7. **group:** Ames. **other id:** ANC -151. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 08 deg. 35 min. S. **longitude:** 077 deg. 55 min. W. **elevation:** 3192m. Annual. Landrace. Seed.
- PI 572018 **donor id:** Ancash 162. **origin:** Peru. **local name:** Amarillo Olmos. **collected:** June 1953. **other id:** Ames 14051. **source:** NC-7. **group:** Ames. **other id:** ANC -162. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 08 deg. 35 min. S. **longitude:** 077 deg. 55 min. W. **elevation:** 3192m. Annual. Landrace. Seed.
- PI 572019 **donor id:** Ancash 173. **origin:** Peru. **local name:** Morocho Y Leche. **collected:** July 1953. **other id:** Ames 14052. **source:** NC-7. **group:** Ames. **other id:** ANC -173. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 09 deg. 20 min. S. **longitude:** 077 deg. 14 min. W. **elevation:** 3050m. Annual. Landrace. Seed.
- PI 572020 **donor id:** Ancash 216. **origin:** Peru. **collected:** July 1953. **other id:** Ames 14053. **source:** NC-7. **group:** Ames. **other id:** ANC -216. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 10 deg. 09 min. S. **longitude:** 077 deg. 11 min. W. **elevation:** 3350m. Annual. Landrace. Seed.
- PI 572021 **donor id:** Ancash 319. **origin:** Peru. **collected:** August 1956. **other id:** Ames 14054. **source:** NC-7. **group:** Ames. **other id:** ANC -319. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 08 deg. 15 min. S. **longitude:** 078 deg. 01 min. W. **elevation:** 2300m. Annual. Landrace. Seed.

PI 572015 to 572076-continued

- PI 572022 donor id: Ancash 348. origin: Peru. collected: August 1956. other id: Ames 14055. source: NC-7. group: Ames. other id: ANC -348. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 08 deg. 15 min. S. longitude: 078 deg. 01 min. W. elevation: 3255m. Annual. Landrace. Seed.
- PI 572023 donor id: Ancash 349. origin: Peru. collected: August 1956. other id: Ames 14056. source: NC-7. group: Ames. other id: ANC -349. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 08 deg. 15 min. S. longitude: 078 deg. 01 min. W. elevation: 3255m. Annual. Landrace. Seed.
- PI 572024 donor id: Ancash 378. origin: Peru. collected: August 1956. other id: Ames 14057. source: NC-7. group: Ames. other id: ANC -378. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. Annual. Landrace. Seed.
- PI 572025 donor id: Ancash 497. origin: Peru. local name: Pardo. collected: July 15, 1968. other id: Ames 14058. source: NC-7. group: Ames. other id: ANC -497. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 09 deg. S. longitude: 077 deg. W. elevation: 3420m. Annual. Landrace. Seed.
- PI 572026 donor id: Ancash 524. origin: Peru. collected: July 17, 1968. other id: Ames 14059. source: NC-7. group: Ames. other id: ANC -524. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 09 deg. 20 min. S. longitude: 077 deg. 14 min. W. elevation: 3100m. Annual. Landrace. Seed.
- PI 572027 donor id: Ancash 528. origin: Peru. collected: July 17, 1968. other id: Ames 14060. source: NC-7. group: Ames. other id: ANC -528. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 09 deg. 20 min. S. longitude: 077 deg. 14 min. W. elevation: 3100m. Annual. Landrace. Seed.
- PI 572028 donor id: Apurimac 10. origin: Peru. local name: Occe. collected: May 1955. other id: Ames 14061. source: NC-7. group: Ames. other id: APUC-010. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 13 deg. 39 min. S. longitude: 073 deg. 23 min. W. elevation: 3050m. Annual. Landrace. Seed.

PI 572015 to 572076-continued

- PI 572029 donor id: Apurimac 29. origin: Peru. collected: June 1953. other id: Ames 14062. source: NC-7. group: Ames. other id: APUC-029. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 13 deg. 39 min. S. longitude: 073 deg. 23 min. W. elevation: 3200m. Annual. Landrace. Seed.
- PI 572030 donor id: Apurimac 58. origin: Peru. collected: June 1956. other id: Ames 14063. source: NC-7. group: Ames. other id: APUC-058. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 14 deg. 19 min. S. longitude: 072 deg. 55 min. W. elevation: 3300m. Annual. Landrace. Seed.
- PI 572031 donor id: Apurimac 100. origin: Peru. other id: Ames 14064. source: NC-7. group: Ames. other id: APUC-100. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 13 deg. 39 min. S. longitude: 073 deg. 23 min. W. elevation: 3100m. Annual. Landrace. Seed.
- PI 572032 donor id: Apurimac 230. origin: Peru. collected: June 1976. other id: Ames 14065. source: NC-7. group: Ames. other id: APUC-230. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 13 deg. S. longitude: 073 deg. W. elevation: 3000m. Annual. Landrace. Seed.
- PI 572033 donor id: Apurimac 252. origin: Peru. collected: June 1976. other id: Ames 14066. source: NC-7. group: Ames. other id: APUC-252. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 13 deg. S. longitude: 073 deg. W. elevation: 3050m. Annual. Landrace. Seed.
- PI 572034 donor id: Apurimac 282. origin: Peru. collected: June 1976. other id: Ames 14067. source: NC-7. group: Ames. other id: APUC-282. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 13 deg. 39 min. S. longitude: 073 deg. 23 min. W. elevation: 3200m. Annual. Landrace. Seed.
- PI 572035 donor id: Apurimac 283. origin: Peru. collected: June 1976. other id: Ames 14068. source: NC-7. group: Ames. other id: APUC-283. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 13 deg. 39 min. S. longitude: 073 deg. 23 min. W. elevation: 3200m. Annual. Landrace. Seed.

PI 572015 to 572076-continued

- PI 572036 **donor id:** Arequipa 75. **origin:** Peru. **collected:** January 1978. **other id:** Ames 14069. **source:** NC-7. **group:** Ames. **other id:** AREQ-075. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 15 deg. 37 min. S. **longitude:** 071 deg. 59 min. W. **elevation:** 3450m. Annual. Landrace. Seed.
- PI 572037 **donor id:** Arequipa 76. **origin:** Peru. **collected:** January 1978. **other id:** Ames 14070. **source:** NC-7. **group:** Ames. **other id:** AREQ-076. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 15 deg. 37 min. S. **longitude:** 071 deg. 59 min. W. **elevation:** 3450m. Annual. Landrace. Seed.
- PI 572038 **donor id:** Arequipa 119. **origin:** Peru. **collected:** February 1978. **other id:** Ames 14071. **source:** NC-7. **group:** Ames. **other id:** AREQ-119. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 15 deg. 12 min. S. **longitude:** 071 deg. 46 min. W. **elevation:** 3200m. Annual. Landrace. Seed.
- PI 572039 **donor id:** Arequipa 126. **origin:** Peru. **collected:** February 1978. **other id:** Ames 14072. **source:** NC-7. **group:** Ames. **other id:** AREQ-126. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 15 deg. 12 min. S. **longitude:** 071 deg. 46 min. W. **elevation:** 3220m. Annual. Landrace. Seed.
- PI 572040 **donor id:** Ayacucho 71. **origin:** Peru. **collected:** June 1976. **other id:** Ames 14073. **source:** NC-7. **group:** Ames. **other id:** AYA -071. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 12 deg. 56 min. S. **longitude:** 074 deg. 15 min. W. **elevation:** 3100m. Annual. Landrace. Seed.
- PI 572041 **donor id:** Ayacucho 125. **origin:** Peru. **collected:** June 1976. **other id:** Ames 14074. **source:** NC-7. **group:** Ames. **other id:** AYA -125. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. S. **longitude:** 074 deg. W. **elevation:** 3100m. Annual. Landrace. Seed.
- PI 572042 **donor id:** Ayacucho 130. **origin:** Peru. **collected:** June 1976. **other id:** Ames 14075. **source:** NC-7. **group:** Ames. **other id:** AYA -130. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. S. **longitude:** 074 deg. W. **elevation:** 3280m. Annual. Landrace. Seed.

PI 572015 to 572076-continued

- PI 572043 donor id: Ayacucho 131. origin: Peru. collected: June 1976. other id: Ames 14076. source: NC-7. group: Ames. other id: AYA -131. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 13 deg. S. longitude: 074 deg. W. elevation: 3280m. Annual. Landrace. Seed.
- PI 572044 donor id: Ayacucho 132. origin: Peru. collected: June 1976. other id: Ames 14077. source: NC-7. group: Ames. other id: AYA -132. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 13 deg. S. longitude: 074 deg. W. elevation: 3240m. Annual. Landrace. Seed.
- PI 572045 donor id: Ayacucho 135. origin: Peru. collected: June 1976. other id: Ames 14078. source: NC-7. group: Ames. other id: AYA -135. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 13 deg. S. longitude: 074 deg. W. elevation: 3220m. Annual. Landrace. Seed.
- PI 572046 donor id: Ayacucho 138. origin: Peru. collected: June 1976. other id: Ames 14079. source: NC-7. group: Ames. other id: AYA -138. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 13 deg. S. longitude: 074 deg. W. elevation: 3080m. Annual. Landrace. Seed.
- PI 572047 donor id: Cajamarca 107. origin: Peru. collected: August 1973. other id: Ames 14080. source: NC-7. group: Ames. other id: CAJ -107. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 06 deg. 46 min. S. longitude: 078 deg. 37 min. W. elevation: 3300m. Annual. Landrace. Seed.
- PI 572048 donor id: Cuzco 20. origin: Peru. local name: Kello. collected: 1954. other id: Ames 14081. source: NC-7. group: Ames. other id: CUZ -020. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 14 deg. S. longitude: 071 deg. W. elevation: 3103m. Annual. Landrace. Seed.
- PI 572049 donor id: Cuzco 43. origin: Peru. local name: Perla. collected: 1955. other id: Ames 14082. source: NC-7. group: Ames. other id: CUZ -043. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 13 deg. 18 min. S. longitude: 072 deg. 07 min. W. elevation: 3500m. Annual. Landrace. Seed.

PI 572015 to 572076-continued

- PI 572050 **donor id:** Cuzco 46. **origin:** Peru. **collected:** May 1953. **other id:** Ames 14083. **source:** NC-7. **group:** Ames. **other id:** CUZ -046. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 29 min. S. **longitude:** 072 deg. 09 min. W. **elevation:** 3320m. Annual. Landrace. Seed.
- PI 572051 **donor id:** Cuzco 50. **origin:** Peru. **collected:** April 1953. **other id:** Ames 14084. **source:** NC-7. **group:** Ames. **other id:** CUZ -050. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 29 min. S. **longitude:** 072 deg. 09 min. W. **elevation:** 3400m. Annual. Landrace. Seed.
- PI 572052 **donor id:** Cuzco 51. **origin:** Peru. **local name:** Chaminco. **collected:** April 1953. **other id:** Ames 14085. **source:** NC-7. **group:** Ames. **other id:** CUZ -051. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 29 min. S. **longitude:** 072 deg. 09 min. W. **elevation:** 3400m. Annual. Landrace. Seed.
- PI 572053 **donor id:** Cuzco 103. **origin:** Peru. **collected:** June 1953. **other id:** Ames 14086. **source:** NC-7. **group:** Ames. **other id:** CUZ -103. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 29 min. S. **longitude:** 072 deg. 09 min. W. **elevation:** 3350m. Annual. Landrace. Seed.
- PI 572054 **donor id:** Cuzco 241. **origin:** Peru. **other id:** Ames 14087. **source:** NC-7. **group:** Ames. **other id:** CUZ -241. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. S. **longitude:** 073 deg. W. **elevation:** 700m. Annual. Landrace. Seed.
- PI 572055 **donor id:** Cuzco 312. **origin:** Peru. **collected:** July 1975. **other id:** Ames 14088. **source:** NC-7. **group:** Ames. **other id:** CUZ -312. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 14 deg. S. **longitude:** 071 deg. W. **elevation:** 3300m. Annual. Landrace. Seed.
- PI 572056 **donor id:** Cuzco 318. **origin:** Peru. **collected:** July 1975. **other id:** Ames 14089. **source:** NC-7. **group:** Ames. **other id:** CUZ -318. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 14 deg. 16 min. S. **longitude:** 071 deg. 13 min. W. **elevation:** 3500m. Annual. Landrace. Seed.

PI 572015 to 572076-continued

- PI 572057 **donor id:** Cuzco 321. **origin:** Peru. **collected:** July 1975. **other id:** Ames 14090. **source:** NC-7. **group:** Ames. **other id:** CUZ -321. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 29 min. S. **longitude:** 072 deg. 09 min. W. **elevation:** 3500m. Annual. Landrace. Seed.
- PI 572058 **donor id:** Cuzco 361. **origin:** Peru. **collected:** June 1976. **other id:** Ames 14091. **source:** NC-7. **group:** Ames. **other id:** CUZ -361. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 29 min. S. **longitude:** 072 deg. 09 min. W. **elevation:** 3200m. Annual. Landrace. Seed.
- PI 572059 **donor id:** Cuzco 382. **origin:** Peru. **collected:** June 1976. **other id:** Ames 14092. **source:** NC-7. **group:** Ames. **other id:** CUZ -382. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 20 min. S. **longitude:** 071 deg. 57 min. W. **elevation:** 3060m. Annual. Landrace. Seed.
- PI 572060 **donor id:** Huancavelica 87. **origin:** Peru. **collected:** June 1954. **other id:** Ames 14093. **source:** NC-7. **group:** Ames. **other id:** HVCA-087. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 12 deg. S. **longitude:** 075 deg. W. **elevation:** 3100m. Annual. Landrace. Seed.
- PI 572061 **donor id:** Huancavelica 91. **origin:** Peru. **local name:** Kcafchi. **collected:** June 1954. **other id:** Ames 14094. **source:** NC-7. **group:** Ames. **other id:** HVCA-091. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 12 deg. S. **longitude:** 075 deg. W. **elevation:** 3100m. Annual. Landrace. Seed.
- PI 572062 **donor id:** Huancavelica 92. **origin:** Peru. **collected:** June 1954. **other id:** Ames 14095. **source:** NC-7. **group:** Ames. **other id:** HVCA-092. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 12 deg. S. **longitude:** 075 deg. W. **elevation:** 3100m. Annual. Landrace. Seed.
- PI 572063 **donor id:** Huanuco 115. **origin:** Peru. **other id:** Ames 14096. **source:** NC-7. **group:** Ames. **other id:** HCO -115. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 10 deg. S. **longitude:** 077 deg. W. **elevation:** 3500m. Annual. Landrace. Seed.

PI 572015 to 572076-continued

- PI 572064 **donor id:** Huanuco 145. **origin:** Peru. **other id:** Ames 14097. **source:** NC-7. **group:** Ames. **other id:** HCO -145. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 09 deg. 25 min. S. **longitude:** 076 deg. 47 min. W. **elevation:** 3500m. Annual. Landrace. Seed.
- PI 572065 **donor id:** Junin 1. **origin:** Peru. **other id:** Ames 14098. **source:** NC-7. **group:** Ames. **other id:** JUN -001. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 12 deg. 04 min. S. **longitude:** 075 deg. 14 min. W. **elevation:** 3300m. Annual. Landrace. Seed.
- PI 572066 **donor id:** Junin 45. **origin:** Peru. **local name:** Huanza Blanco. **collected:** May 1954. **other id:** Ames 14099. **source:** NC-7. **group:** Ames. **other id:** JUN -045. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 11 deg. 48 min. S. **longitude:** 075 deg. 30 min. W. **elevation:** 3300m. Annual. Landrace. Seed.
- PI 572067 **donor id:** Junin 52. **origin:** Peru. **local name:** Comun. **collected:** June 1954. **other id:** Ames 14100. **source:** NC-7. **group:** Ames. **other id:** JUN -052. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 12 deg. 04 min. S. **longitude:** 075 deg. 14 min. W. **elevation:** 3350m. Annual. Landrace. Seed.
- PI 572068 **donor id:** Junin 55. **origin:** Peru. **local name:** Tarma. **collected:** June 1954. **other id:** Ames 14101. **source:** NC-7. **group:** Ames. **other id:** JUN -055. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 11 deg. 55 min. S. **longitude:** 075 deg. 17 min. W. **elevation:** 3250m. Annual. Landrace. Seed.
- PI 572069 **donor id:** Junin 71. **origin:** Peru. **local name:** Blanco Comun. **collected:** June 1954. **other id:** Ames 14102. **source:** NC-7. **group:** Ames. **other id:** JUN -071. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 12 deg. 07 min. S. **longitude:** 075 deg. 16 min. W. **elevation:** 3200m. Annual. Landrace. Seed.
- PI 572070 **donor id:** Junin 78. **origin:** Peru. **other id:** Ames 14103. **source:** NC-7. **group:** Ames. **other id:** JUN -078. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 12 deg. 04 min. S. **longitude:** 075 deg. 14 min. W. **elevation:** 3000m. Annual. Landrace. Seed.

PI 572015 to 572076-continued

- PI 572071 **donor id:** Junin 128. **origin:** Peru. **other id:** Ames 14104. **source:** NC-7. **group:** Ames. **other id:** JUN -128. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 11 deg. 48 min. S. **longitude:** 075 deg. 30 min. W. **elevation:** 3410m. Annual. Landrace. Seed.
- PI 572072 **donor id:** Junin 146. **origin:** Peru. **collected:** May 1976. **other id:** Ames 14105. **source:** NC-7. **group:** Ames. **other id:** JUN -146. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 12 deg. 04 min. S. **longitude:** 075 deg. 14 min. W. **elevation:** 3260m. Annual. Landrace. Seed.
- PI 572073 **donor id:** Puno 6. **origin:** Peru. **local name:** Janko-Tonko. **collected:** June 1953. **other id:** Ames 14106. **source:** NC-7. **group:** Ames. **other id:** PUN -006. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 15 deg. 53 min. S. **longitude:** 069 deg. 53 min. W. **elevation:** 3900m. Annual. Landrace. Seed.
- PI 572074 **donor id:** Puno 19. **origin:** Peru. **collected:** June 1953. **other id:** Ames 14107. **source:** NC-7. **group:** Ames. **other id:** PUN -019. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 14 deg. 52 min. S. **longitude:** 070 deg. 35 min. W. **elevation:** 3900m. Annual. Landrace. Seed.
- PI 572075 **donor id:** Puno 31. **origin:** Peru. **local name:** Chimi-Sara. **collected:** July 1954. **other id:** Ames 14108. **source:** NC-7. **group:** Ames. **other id:** PUN -031. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 15 deg. 50 min. S. **longitude:** 070 deg. 02 min. W. **elevation:** 3800m. Annual. Landrace. Seed.
- PI 572076 **donor id:** San Martin 42. **origin:** Peru. **collected:** December 1979. **other id:** Ames 14109. **source:** NC-7. **group:** Ames. **other id:** SMTI-042. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 06 deg. 05 min. S. **longitude:** 077 deg. 09 min. W. **elevation:** 890m. Annual. Landrace. Seed.

PI 572077 to 572151. *Zea mays* L. subsp. *mays* POACEAE Corn

Donated by: Sevilla P., R., Programa Cooperative De Invest. en Maiz, Universidad Nacional Agraria La Molina, La Molina Apartado 456, La Molina, Lima, Peru. **remarks:** Accessions received through a cooperative increase project with the United States Department of Agriculture. Received February 20, 1991.

PI 572077 to 572151-continued

- PI 572077 **donor id:** Ancash 250. **origin:** Peru. **other id:** Ames 15344. **source:** NC-7. **group:** Ames. **other id:** ANC -250. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 09 deg. 30 min. S. **longitude:** 077 deg. 45 min. W. **Annual.** Landrace. Seed.
- PI 572078 **donor id:** Ancash 382. **origin:** Peru. **local name:** Terciopelo. **collected:** July 09, 1968. **other id:** Ames 15345. **source:** NC-7. **group:** Ames. **other id:** ANC -382. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 09 deg. 32 min. S. **longitude:** 077 deg. 32 min. W. **elevation:** 3200m. **Annual.** Landrace. Seed.
- PI 572079 **donor id:** Ancash 495. **origin:** Peru. **local name:** Hibrido. **collected:** July 15, 1968. **other id:** Ames 15346. **source:** NC-7. **group:** Ames. **other id:** ANC -495. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 09 deg. S. **longitude:** 077 deg. W. **elevation:** 3420m. **Annual.** Landrace. Seed.
- PI 572080 **donor id:** Apurimac 2. **origin:** Peru. **collected:** May 1955. **other id:** Ames 15347. **source:** NC-7. **group:** Ames. **other id:** APUC-002. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 39 min. S. **longitude:** 073 deg. 23 min. W. **elevation:** 2880m. **Annual.** Landrace. Seed.
- PI 572081 **donor id:** Apurimac 18. **origin:** Peru. **collected:** June 1953. **other id:** Ames 15348. **source:** NC-7. **group:** Ames. **other id:** APUC-018. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 39 min. S. **longitude:** 073 deg. 23 min. W. **elevation:** 3000m. **Annual.** Landrace. Seed.
- PI 572082 **donor id:** Apurimac 28. **origin:** Peru. **collected:** June 1953. **other id:** Ames 15349. **source:** NC-7. **group:** Ames. **other id:** APUC-028. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 39 min. S. **longitude:** 073 deg. 05 min. W. **elevation:** 2900m. **Annual.** Landrace. Seed.
- PI 572083 **donor id:** Apurimac 30. **origin:** Peru. **collected:** June 1953. **other id:** Ames 15350. **source:** NC-7. **group:** Ames. **other id:** APUC-030. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 35 min. S. **longitude:** 072 deg. 55 min. W. **elevation:** 2800m. **Annual.** Landrace. Seed.

PI 572077 to 572151-continued

- PI 572084 donor id: Apurimac 36. origin: Peru. local name: Amahuaccaicho. collected: June 1953. other id: Ames 15351. source: NC-7. group: Ames. other id: APUC-036. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 13 deg. 39 min. S. longitude: 073 deg. 05 min. W. elevation: 2550m. Annual. Landrace. Seed.
- PI 572085 donor id: Apurimac 47. origin: Peru. collected: June 1953. other id: Ames 15352. source: NC-7. group: Ames. other id: APUC-047. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 13 deg. 27 min. S. longitude: 073 deg. 44 min. W. elevation: 3000m. Annual. Landrace. Seed.
- PI 572086 donor id: Apurimac 49. origin: Peru. collected: June 1953. other id: Ames 15353. source: NC-7. group: Ames. other id: APUC-049. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 13 deg. 39 min. S. longitude: 073 deg. 23 min. W. elevation: 3000m. Annual. Landrace. Seed.
- PI 572087 donor id: Apurimac 64. origin: Peru. collected: June 1956. other id: Ames 15354. source: NC-7. group: Ames. other id: APUC-064. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 13 deg. 35 min. S. longitude: 072 deg. 55 min. W. elevation: 2450m. Annual. Landrace. Seed.
- PI 572088 donor id: Apurimac 65. origin: Peru. collected: June 1956. other id: Ames 15355. source: NC-7. group: Ames. other id: APUC-065. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 13 deg. 35 min. S. longitude: 072 deg. 55 min. W. elevation: 2750m. Annual. Landrace. Seed.
- PI 572089 donor id: Apurimac 94. origin: Peru. collected: June 1956. other id: Ames 15356. source: NC-7. group: Ames. other id: APUC-094. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 13 deg. 39 min. S. longitude: 073 deg. 23 min. W. elevation: 3100m. Annual. Landrace. Seed.
- PI 572090 donor id: Apurimac 104. origin: Peru. other id: Ames 15357. source: NC-7. group: Ames. other id: APUC-104. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 13 deg. 35 min. S. longitude: 072 deg. 55 min. W. elevation: 2377m. Annual. Landrace. Seed.

PI 572077 to 572151-continued

- PI 572091 **donor id:** Apurimac 117. **origin:** Peru. **collected:** June 20, 1968. **other id:** Ames 15358. **source:** NC-7. **group:** Ames. **other id:** APUC-117. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 35 min. S. **longitude:** 072 deg. 55 min. W. **elevation:** 2500m. Annual. Landrace. Seed.
- PI 572092 **donor id:** Apurimac 121. **origin:** Peru. **collected:** June 20, 1968. **other id:** Ames 15359. **source:** NC-7. **group:** Ames. **other id:** APUC-121. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 35 min. S. **longitude:** 072 deg. 55 min. W. **elevation:** 2500m. Annual. Landrace. Seed.
- PI 572093 **donor id:** Apurimac 132. **origin:** Peru. **local name:** Morado. **collected:** 1968. **other id:** Ames 15360. **source:** NC-7. **group:** Ames. **other id:** APUC-132. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 35 min. S. **longitude:** 072 deg. 55 min. W. **elevation:** 2500m. Annual. Landrace. Seed.
- PI 572094 **donor id:** Apurimac 133. **origin:** Peru. **collected:** June 20, 1968. **other id:** Ames 15361. **source:** NC-7. **group:** Ames. **other id:** APUC-133. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 35 min. S. **longitude:** 072 deg. 55 min. W. **elevation:** 2500m. Annual. Landrace. Seed.
- PI 572095 **donor id:** Apurimac 141. **origin:** Peru. **local name:** Pop Corn. **collected:** June 20, 1968. **other id:** Ames 15362. **source:** NC-7. **group:** Ames. **other id:** APUC-141. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 35 min. S. **longitude:** 072 deg. 55 min. W. **elevation:** 2500m. Annual. Landrace. Seed.
- PI 572096 **donor id:** Apurimac 153. **origin:** Peru. **collected:** 1968. **other id:** Ames 15363. **source:** NC-7. **group:** Ames. **other id:** APUC-153. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 35 min. S. **longitude:** 072 deg. 55 min. W. **elevation:** 2500m. Annual. Landrace. Seed.
- PI 572097 **donor id:** Apurimac 158. **origin:** Peru. **collected:** June 1968. **other id:** Ames 15364. **source:** NC-7. **group:** Ames. **other id:** APUC-158. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 35 min. S. **longitude:** 072 deg. 55 min. W. **elevation:** 2500m. Annual. Landrace. Seed.

PI 572077 to 572151-continued

- PI 572098 **donor id:** Apurimac 181. **origin:** Peru. **collected:** June 1968. **other id:** Ames 15365. **source:** NC-7. **group:** Ames. **other id:** APUC-181. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 35 min. S. **longitude:** 072 deg. 55 min. W. **elevation:** 2350m. Annual. Landrace. Seed.
- PI 572099 **donor id:** Apurimac 182. **origin:** Peru. **collected:** June 1968. **other id:** Ames 15366. **source:** NC-7. **group:** Ames. **other id:** APUC-182. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 35 min. S. **longitude:** 072 deg. 55 min. W. **elevation:** 2350m. Annual. Landrace. Seed.
- PI 572100 **donor id:** Apurimac 211. **origin:** Peru. **collected:** July 1975. **other id:** Ames 15367. **source:** NC-7. **group:** Ames. **other id:** APUC-211. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 35 min. S. **longitude:** 072 deg. 55 min. W. **elevation:** 2800m. Annual. Landrace. Seed.
- PI 572101 **donor id:** Apurimac 213. **origin:** Peru. **collected:** 1975. **other id:** Ames 15368. **source:** NC-7. **group:** Ames. **other id:** APUC-213. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 14 deg. S. **longitude:** 073 deg. W. Annual. Landrace. Seed.
- PI 572102 **donor id:** Apurimac 214. **origin:** Peru. **collected:** 1975. **other id:** Ames 15369. **source:** NC-7. **group:** Ames. **other id:** APUC-214. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 14 deg. S. **longitude:** 073 deg. W. Annual. Landrace. Seed.
- PI 572103 **donor id:** Apurimac 217. **origin:** Peru. **collected:** 1975. **other id:** Ames 15370. **source:** NC-7. **group:** Ames. **other id:** APUC-217. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 14 deg. S. **longitude:** 073 deg. W. Annual. Landrace. Seed.
- PI 572104 **donor id:** Apurimac 218. **origin:** Peru. **collected:** 1975. **other id:** Ames 15371. **source:** NC-7. **group:** Ames. **other id:** APUC-218. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 14 deg. S. **longitude:** 073 deg. W. Annual. Landrace. Seed.
- PI 572105 **donor id:** Apurimac 226. **origin:** Peru. **collected:** 1975. **other id:** Ames 15372. **source:** NC-7. **group:** Ames. **other id:** APUC-226. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 14 deg. S. **longitude:** 073 deg. W. Annual. Landrace. Seed.

PI 572077 to 572151-continued

- PI 572106 **donor id:** Apurimac 228. **origin:** Peru. **collected:** 1975. **other id:** Ames 15373. **source:** NC-7. **group:** Ames. **other id:** APUC-228. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 14 deg. S. **longitude:** 073 deg. W. Annual. Landrace. Seed.
- PI 572107 **donor id:** Apurimac 231. **origin:** Peru. **collected:** June 1976. **other id:** Ames 15374. **source:** NC-7. **group:** Ames. **other id:** APUC-231. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. S. **longitude:** 073 deg. W. **elevation:** 3200m. Annual. Landrace. Seed.
- PI 572108 **donor id:** Apurimac 236. **origin:** Peru. **collected:** June 1976. **other id:** Ames 15375. **source:** NC-7. **group:** Ames. **other id:** APUC-236. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. S. **longitude:** 073 deg. W. Annual. Landrace. Seed.
- PI 572109 **donor id:** Apurimac 248. **origin:** Peru. **collected:** June 1976. **other id:** Ames 15376. **source:** NC-7. **group:** Ames. **other id:** APUC-248. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. S. **longitude:** 073 deg. W. **elevation:** 2700m. Annual. Landrace. Seed.
- PI 572110 **donor id:** Apurimac 249. **origin:** Peru. **collected:** June 1976. **other id:** Ames 15377. **source:** NC-7. **group:** Ames. **other id:** APUC-249. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. S. **longitude:** 073 deg. W. **elevation:** 2700m. Annual. Landrace. Seed.
- PI 572111 **donor id:** Apurimac 250. **origin:** Peru. **collected:** June 1976. **other id:** Ames 15378. **source:** NC-7. **group:** Ames. **other id:** APUC-250. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. S. **longitude:** 073 deg. W. **elevation:** 2800m. Annual. Landrace. Seed.
- PI 572112 **donor id:** Apurimac 257. **origin:** Peru. **collected:** June 1976. **other id:** Ames 15379. **source:** NC-7. **group:** Ames. **other id:** APUC-257. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 35 min. S. **longitude:** 072 deg. 55 min. W. **elevation:** 2300m. Annual. Landrace. Seed.

PI 572077 to 572151-continued

- PI 572113 **donor id:** Apurimac 286. **origin:** Peru. **collected:** June 1976. **other id:** Ames 15380. **source:** NC-7. **group:** Ames. **other id:** APUC-286. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 39 min. S. **longitude:** 073 deg. 23 min. W. **elevation:** 2960m. Annual. Landrace. Seed.
- PI 572114 **donor id:** Apurimac 288. **origin:** Peru. **collected:** June 1976. **other id:** Ames 15381. **source:** NC-7. **group:** Ames. **other id:** APUC-288. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 39 min. S. **longitude:** 073 deg. 23 min. W. **elevation:** 2900m. Annual. Landrace. Seed.
- PI 572115 **donor id:** Apurimac 294. **origin:** Peru. **collected:** June 1976. **other id:** Ames 15382. **source:** NC-7. **group:** Ames. **other id:** APUC-294. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 39 min. S. **longitude:** 073 deg. 23 min. W. **elevation:** 2750m. Annual. Landrace. Seed.
- PI 572116 **donor id:** Apurimac 299. **origin:** Peru. **collected:** June 1976. **other id:** Ames 15383. **source:** NC-7. **group:** Ames. **other id:** APUC-299. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. 39 min. S. **longitude:** 073 deg. 23 min. W. **elevation:** 2530m. Annual. Landrace. Seed.
- PI 572117 **donor id:** Arequipa 4. **origin:** Peru. **collected:** January 1953. **other id:** Ames 15384. **source:** NC-7. **group:** Ames. **other id:** AREQ-004. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 16 deg. 24 min. S. **longitude:** 071 deg. 33 min. W. **elevation:** 2332m. Annual. Landrace. Seed.
- PI 572118 **donor id:** Arequipa 17. **origin:** Peru. **collected:** January 1953. **other id:** Ames 15385. **source:** NC-7. **group:** Ames. **other id:** AREQ-017. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 16 deg. 24 min. S. **longitude:** 071 deg. 33 min. W. **elevation:** 2332m. Annual. Landrace. Seed.
- PI 572119 **donor id:** Arequipa 72. **origin:** Peru. **collected:** January 1978. **other id:** Ames 15386. **source:** NC-7. **group:** Ames. **other id:** AREQ-072. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 15 deg. 37 min. S. **longitude:** 071 deg. 59 min. W. **elevation:** 3450m. Annual. Landrace. Seed.

PI 572077 to 572151-continued

- PI 572120 **donor id:** Arequipa 138. **origin:** Peru. **collected:** January 1978. **other id:** Ames 15387. **source:** NC-7. **group:** Ames. **other id:** AREQ-138. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 16 deg. 24 min. S. **longitude:** 071 deg. 33 min. W. **elevation:** 2320m. Annual. Landrace. Seed.
- PI 572121 **donor id:** Arequipa 167. **origin:** Peru. **collected:** June 1978. **other id:** Ames 15388. **source:** NC-7. **group:** Ames. **other id:** AREQ-167. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 16 deg. 24 min. S. **longitude:** 071 deg. 33 min. W. **elevation:** 2600m. Annual. Landrace. Seed.
- PI 572122 **donor id:** Arequipa 173. **origin:** Peru. **collected:** July 1978. **other id:** Ames 15389. **source:** NC-7. **group:** Ames. **other id:** AREQ-173. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 16 deg. 24 min. S. **longitude:** 071 deg. 33 min. W. **elevation:** 2600m. Annual. Landrace. Seed.
- PI 572123 **donor id:** Arequipa 174. **origin:** Peru. **collected:** June 1978. **other id:** Ames 15390. **source:** NC-7. **group:** Ames. **other id:** AREQ-174. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 16 deg. 24 min. S. **longitude:** 071 deg. 33 min. W. **elevation:** 2400m. Annual. Landrace. Seed.
- PI 572124 **donor id:** Arequipa 176. **origin:** Peru. **collected:** June 1978. **other id:** Ames 15391. **source:** NC-7. **group:** Ames. **other id:** AREQ-176. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 16 deg. 24 min. S. **longitude:** 071 deg. 33 min. W. **elevation:** 2600m. Annual. Landrace. Seed.
- PI 572125 **donor id:** Arequipa 177. **origin:** Peru. **collected:** June 1978. **other id:** Ames 15392. **source:** NC-7. **group:** Ames. **other id:** AREQ-177. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 16 deg. 24 min. S. **longitude:** 071 deg. 33 min. W. **elevation:** 2600m. Annual. Landrace. Seed.
- PI 572126 **donor id:** Arequipa 178. **origin:** Peru. **collected:** June 1978. **other id:** Ames 15393. **source:** NC-7. **group:** Ames. **other id:** AREQ-178. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 16 deg. 24 min. S. **longitude:** 071 deg. 33 min. W. **elevation:** 2620m. Annual. Landrace. Seed.

PI 572077 to 572151-continued

- PI 572127 **donor id:** Arequipa 179. **origin:** Peru. **collected:** June 1978. **other id:** Ames 15394. **source:** NC-7. **group:** Ames. **other id:** AREQ-179. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 16 deg. 24 min. S. **longitude:** 071 deg. 33 min. W. **elevation:** 2620m. Annual. Landrace. Seed.
- PI 572128 **donor id:** Arequipa 185. **origin:** Peru. **collected:** June 1978. **other id:** Ames 15395. **source:** NC-7. **group:** Ames. **other id:** AREQ-185. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 16 deg. 24 min. S. **longitude:** 071 deg. 33 min. W. **elevation:** 2400m. Annual. Landrace. Seed.
- PI 572129 **donor id:** Arequipa 196. **origin:** Peru. **collected:** June 1978. **other id:** Ames 15396. **source:** NC-7. **group:** Ames. **other id:** AREQ-196. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 16 deg. 24 min. S. **longitude:** 071 deg. 33 min. W. **elevation:** 2380m. Annual. Landrace. Seed.
- PI 572130 **donor id:** Arequipa 206. **origin:** Peru. **collected:** June 1978. **other id:** Ames 15397. **source:** NC-7. **group:** Ames. **other id:** AREQ-206. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 16 deg. 24 min. S. **longitude:** 071 deg. 33 min. W. **elevation:** 2600m. Annual. Landrace. Seed.
- PI 572131 **donor id:** Arequipa 210. **origin:** Peru. **collected:** June 1978. **other id:** Ames 15398. **source:** NC-7. **group:** Ames. **other id:** AREQ-210. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 16 deg. 24 min. S. **longitude:** 071 deg. 33 min. W. **elevation:** 2580m. Annual. Landrace. Seed.
- PI 572132 **donor id:** Cajamarca 111. **origin:** Peru. **collected:** August 1973. **other id:** Ames 15399. **source:** NC-7. **group:** Ames. **other id:** CAJ -111. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 06 deg. 46 min. S. **longitude:** 078 deg. 37 min. W. **elevation:** 3300m. Annual. Landrace. Seed.
- PI 572133 **donor id:** Cajamarca 194. **origin:** Peru. **collected:** May 1980. **other id:** Ames 15400. **source:** NC-7. **group:** Ames. **other id:** CAJ -194. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 05 deg. S. **longitude:** 079 deg. W. **elevation:** 980m. Annual. Landrace. Seed.

PI 572077 to 572151-continued

- PI 572134 donor id: Cuzco 30. origin: Peru. local name: Reventador. collected: 1954. other id: Ames 15401. source: NC-7. group: Ames. other id: CUZ -030. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 12 deg. 49 min. S. longitude: 072 deg. 43 min. W. elevation: 1080m. Annual. Landrace. Seed.
- PI 572135 donor id: Cuzco 32. origin: Peru. local name: Ccallhui. collected: 1955. other id: Ames 15402. source: NC-7. group: Ames. other id: CUZ -032. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 14 deg. S. longitude: 072 deg. W. elevation: 3130m. Annual. Landrace. Seed.
- PI 572136 donor id: Cuzco 78. origin: Peru. collected: May 1953. other id: Ames 15403. source: NC-7. group: Ames. other id: CUZ -078. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 14 deg. S. longitude: 072 deg. W. elevation: 3200m. Annual. Landrace. Seed.
- PI 572137 donor id: Cuzco 110. origin: Peru. collected: June 1953. other id: Ames 15404. source: NC-7. group: Ames. other id: CUZ -110. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 13 deg. S. longitude: 073 deg. W. elevation: 1500m. Annual. Landrace. Seed.
- PI 572138 donor id: Cuzco 111. origin: Peru. collected: June 1953. other id: Ames 15405. source: NC-7. group: Ames. other id: CUZ -111. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 13 deg. S. longitude: 073 deg. W. elevation: 1200m. Annual. Landrace. Seed.
- PI 572139 donor id: Cuzco 260. origin: Peru. other id: Ames 15406. source: NC-7. group: Ames. other id: CUZ -260. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 13 deg. 20 min. S. longitude: 071 deg. 57 min. W. elevation: 3100m. Annual. Landrace. Seed.
- PI 572140 donor id: Cuzco 313. origin: Peru. collected: July 1975. other id: Ames 15407. source: NC-7. group: Ames. other id: CUZ -313. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. latitude: 14 deg. S. longitude: 071 deg. W. elevation: 3500m. Annual. Landrace. Seed.

572077 to 572151-continued

- PI 572141 **donor id:** Cuzco 323. **origin:** Peru. **collected:** July 1975. **other id:** Ames 15408. **source:** NC-7. **group:** Ames. **other id:** CUZ -323. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 13 deg. S. **longitude:** 073 deg. W. **elevation:** 1380m. Annual. Landrace. Seed.
- PI 572142 **donor id:** Huanuco 48. **origin:** Peru. **local name:** Perla Morocho. **collected:** June 1953. **other id:** Ames 15409. **source:** NC-7. **group:** Ames. **other id:** HCO -048. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 09 deg. 55 min. S. **longitude:** 076 deg. 14 min. W. **elevation:** 1900m. Annual. Landrace. Seed.
- PI 572143 **donor id:** Huanuco 50. **origin:** Peru. **collected:** June 1953. **other id:** Ames 15410. **source:** NC-7. **group:** Ames. **other id:** HCO -050. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 09 deg. 55 min. S. **longitude:** 076 deg. 14 min. W. **elevation:** 1900m. Annual. Landrace. Seed.
- PI 572144 **donor id:** Huanuco 180. **origin:** Peru. **collected:** May 1980. **other id:** Ames 15411. **source:** NC-7. **group:** Ames. **other id:** HCO -180. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 09 deg. S. **longitude:** 076 deg. W. **elevation:** 600m. Annual. Landrace. Seed.
- PI 572145 **donor id:** Junin 136. **origin:** Peru. **other id:** Ames 15412. **source:** NC-7. **group:** Ames. **other id:** JUN -136. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. Annual. Landrace. Seed.
- PI 572146 **donor id:** Junin 195. **origin:** Peru. **collected:** June 1976. **other id:** Ames 15413. **source:** NC-7. **group:** Ames. **other id:** JUN -195. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 12 deg. 04 min. S. **longitude:** 075 deg. 14 min. W. **elevation:** 3300m. Annual. Landrace. Seed.
- PI 572147 **donor id:** Junin 198. **origin:** Peru. **collected:** June 1976. **other id:** Ames 15414. **source:** NC-7. **group:** Ames. **other id:** JUN -198. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 12 deg. 04 min. S. **longitude:** 075 deg. 14 min. W. **elevation:** 3330m. Annual. Landrace. Seed.

PI 572077 to 572151-continued

- PI 572148 **donor id:** Junin 223. **origin:** Peru. **collected:** July 1980. **other id:** Ames 15415. **source:** NC-7. **group:** Ames. **other id:** JUN -223. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 11 deg. 16 min. S. **longitude:** 074 deg. 37 min. W. **elevation:** 950m. Annual. Landrace. Seed.
- PI 572149 **donor id:** Junin 236. **origin:** Peru. **collected:** July 1980. **other id:** Ames 15416. **source:** NC-7. **group:** Ames. **other id:** JUN -236. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 11 deg. 16 min. S. **longitude:** 074 deg. 37 min. W. **elevation:** 500m. Annual. Landrace. Seed.
- PI 572150 **donor id:** Pasco 9. **origin:** Peru. **collected:** July 1980. **other id:** Ames 15417. **source:** NC-7. **group:** Ames. **other id:** PAS -009. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 10 deg. 34 min. S. **longitude:** 075 deg. 24 min. W. **elevation:** 850m. Annual. Landrace. Seed.
- PI 572151 **donor id:** Tumbes 15. **origin:** Peru. **collected:** March 1980. **other id:** Ames 15418. **source:** NC-7. **group:** Ames. **other id:** TUM -015. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **latitude:** 03 deg. 34 min. S. **longitude:** 080 deg. 28 min. W. **elevation:** 80m. Annual. Landrace. Seed.

PI 572152 to 572213. *Zea mays* L. subsp. *mays* POACEAE Corn

Donated by: Sevilla P., R., Programa Cooperative De Invest. en Maiz, Universidad Nacional Agraria La Molina, La Molina Apartado 456, La Molina, Lima, Peru. **remarks:** Accessions received through a cooperative increase project with the United States Department of Agriculture. Received January 06, 1992.

- PI 572152 **donor id:** Amazonas 16. **origin:** Peru. **collected:** July 1956. **other id:** Ames 19804. **source:** NC-7. **group:** Ames. **other id:** AMAZ-016. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **locality:** Lamud., Luya, Amazonas. **latitude:** 06 deg. 09 min. S. **longitude:** 078 deg. W. **elevation:** 2250m. Annual. Landrace. Seed.
- PI 572153 **donor id:** Amazonas 44. **origin:** Peru. **collected:** July 1956. **other id:** Ames 19805. **source:** NC-7. **group:** Ames. **other id:** AMAZ-044. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **locality:** Luya, Luya, Amazonas. **latitude:** 05 deg. 30 min. S. **longitude:** 078 deg. W. **elevation:** 2200m. Annual. Landrace. Seed.

PI 572152 to 572213-continued

- PI 572154 **donor id:** Ancash 154. **origin:** Peru. **local name:** Amarillo. **collected:** June 1953. **other id:** Ames 19806. **source:** NC-7. **group:** Ames. **other id:** ANC -154. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **locality:** Cuzca, Corongo, Ancash. **latitude:** 08 deg. 35 min. S. **longitude:** 078 deg. W. **elevation:** 3000m. Annual. Landrace. Seed.
- PI 572155 **donor id:** Ancash 219. **origin:** Peru. **collected:** July 1953. **other id:** Ames 19807. **source:** NC-7. **group:** Ames. **other id:** ANC -219. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **locality:** Chiquian, Bolognesi, Ancash. **latitude:** 10 deg. 09 min. S. **longitude:** 077 deg. W. **elevation:** 3350m. Annual. Landrace. Seed.
- PI 572156 **donor id:** Ancash 345. **origin:** Peru. **collected:** August 1956. **other id:** Ames 19808. **source:** NC-7. **group:** Ames. **other id:** ANC -345. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **locality:** Huasta, Bolognesi, Ancash. **latitude:** 10 deg. S. **longitude:** 077 deg. W. **elevation:** 2300m. Annual. Landrace. Seed.
- PI 572157 **donor id:** Ancash 366. **origin:** Peru. **other id:** Ames 19809. **source:** NC-7. **group:** Ames. **other id:** ANC -366. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **locality:** Ancash. Annual. Landrace. Seed.
- PI 572158 **donor id:** Ancash 507. **origin:** Peru. **collected:** July 16, 1968. **other id:** Ames 19810. **source:** NC-7. **group:** Ames. **other id:** ANC -507. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **locality:** Aczo, A.Raymondi, Ancash. **latitude:** 09 deg. S. **longitude:** 077 deg. W. **elevation:** 3000m. Annual. Landrace. Seed.
- PI 572159 **donor id:** Ancash 526. **origin:** Peru. **collected:** July 17, 1968. **other id:** Ames 19811. **source:** NC-7. **group:** Ames. **other id:** ANC -526. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **locality:** Huari, Huari, Ancash. **latitude:** 09 deg. 20 min. S. **longitude:** 077 deg. W. **elevation:** 3100m. Annual. Landrace. Seed.
- PI 572160 **donor id:** Ancash 550. **origin:** Peru. **collected:** July 20, 1968. **other id:** Ames 19812. **source:** NC-7. **group:** Ames. **other id:** ANC -550. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **locality:** Pomabamba, Pomabamba, Ancash. **latitude:** 08 deg. 50 min. S. **longitude:** 077 deg. W. **elevation:** 2900m. Annual. Landrace. Seed.

PI 572152 to 572213-continued

- PI 572161 donor id: Ancash 563. origin: Peru. collected: July 1968. other id: Ames 19813. source: NC-7. group: Ames. other id: ANC -563. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. locality: Pomabamba, Pomabamba, Ancash. latitude: 08 deg. 50 min. S. longitude: 077 deg. W. elevation: 2400m. Annual. Landrace. Seed.
- PI 572162 donor id: Ancash 565. origin: Peru. collected: July 1968. other id: Ames 19814. source: NC-7. group: Ames. other id: ANC -565. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. locality: Pomabamba, Pomabamba, Ancash. latitude: 08 deg. 50 min. S. longitude: 077 deg. W. elevation: 2400m. Annual. Landrace. Seed.
- PI 572163 donor id: Ancash 612. origin: Peru. local name: Pacchu. collected: July 25, 1968. other id: Ames 19815. source: NC-7. group: Ames. other id: ANC -612. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. locality: Piscobamba, Huaraz, Ancash. latitude: 09 deg. 32 min. S. longitude: 078 deg. W. elevation: 2900m. Annual. Landrace. Seed.
- PI 572164 donor id: Arequipa 172. origin: Peru. collected: July 1978. other id: Ames 19816. source: NC-7. group: Ames. other id: AREQ-172. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. locality: Characato, Arequipa, Arequipa. latitude: 16 deg. 24 min. S. longitude: 072 deg. W. elevation: 2600m. Annual. Landrace. Seed.
- PI 572165 donor id: Arequipa 192. origin: Peru. collected: June 1978. other id: Ames 19817. source: NC-7. group: Ames. other id: AREQ-192. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. locality: Mollebaya, Arequipa, Arequipa. latitude: 16 deg. 24 min. S. longitude: 071 deg. W. elevation: 2620m. Annual. Landrace. Seed.
- PI 572166 donor id: Arequipa 212. origin: Peru. collected: June 1978. other id: Ames 19818. source: NC-7. group: Ames. other id: AREQ-212. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. locality: Characato, Arequipa, Arequipa. latitude: 16 deg. 24 min. S. longitude: 072 deg. W. elevation: 2580m. Annual. Landrace. Seed.

PI 572152 to 572213-continued

- PI 572167 **donor id:** Cajamarca 20. **origin:** Peru. **local name:** Blanco. **collected:** August 1953. **other id:** Ames 19819. **source:** NC-7. **group:** Ames. **other id:** CAJ -020. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **locality:** Cajamarca, Cajamarca, Cajamarca. **latitude:** 07 deg. 10 min. S. **longitude:** 079 deg. W. **elevation:** 2800m. Annual. Landrace. Seed.
- PI 572168 **donor id:** Cajamarca 73. **origin:** Peru. **collected:** 1955. **other id:** Ames 19820. **source:** NC-7. **group:** Ames. **other id:** CAJ -073. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **locality:** J.Chavez, Celendin, Cajamarca. **latitude:** 06 deg. 52 min. S. **longitude:** 078 deg. W. **elevation:** 2600m. Annual. Landrace. Seed.
- PI 572169 **donor id:** Cajamarca 192. **origin:** Peru. **collected:** 1974. **other id:** Ames 19821. **source:** NC-7. **group:** Ames. **other id:** CAJ -192. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **locality:** Cajabamba, Cajabamba, Cajamarca. **latitude:** 07 deg. 37 min. S. **longitude:** 078 deg. W. **elevation:** 2600m. Annual. Landrace. Seed.
- PI 572170 **donor id:** Cuzco 154. **origin:** Peru. **other id:** Ames 19822. **source:** NC-7. **group:** Ames. **other id:** CUZ -154. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **locality:** Cuzco. **longitude:** 073 deg. W. Annual. Landrace. Seed.
- PI 572171 **donor id:** Cuzco 362. **origin:** Peru. **collected:** June 1976. **other id:** Ames 19823. **source:** NC-7. **group:** Ames. **other id:** CUZ -362. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **locality:** Anta, Anta, Cuzco. **latitude:** 13 deg. 29 min. S. **longitude:** 072 deg. W. **elevation:** 3200m. Annual. Landrace. Seed.
- PI 572172 **donor id:** Cuzco 366. **origin:** Peru. **collected:** June 1976. **other id:** Ames 19824. **source:** NC-7. **group:** Ames. **other id:** CUZ -366. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **locality:** Zurite, Anta, Cuzco. **latitude:** 13 deg. 29 min. S. **longitude:** 072 deg. W. **elevation:** 3200m. Annual. Landrace. Seed.
- PI 572173 **donor id:** Cuzco 374. **origin:** Peru. **collected:** June 1976. **other id:** Ames 19825. **source:** NC-7. **group:** Ames. **other id:** CUZ -374. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **locality:** Ollantayta, Urubamba, Cuzco. **latitude:** 13 deg. 16 min. S. **longitude:** 072 deg. W. **elevation:** 2780m. Annual. Landrace. Seed.

PI 572152 to 572213-continued

- PI 572174 **donor id:** Huancavelica 98. **origin:** Peru. **local name:** Morocho Blanco. **collected:** June 1954. **other id:** Ames 19826. **source:** NC-7. **group:** Ames. **other id:** HVCA-098. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **locality:** Pampas, Tayacaja, Huancavelica. **latitude:** 12 deg. 24 min. S. **longitude:** 075 deg. W. **elevation:** 3300m. Annual. Landrace. Seed.
- PI 572175 **donor id:** Huanuco 98. **origin:** Peru. **other id:** Ames 19827. **source:** NC-7. **group:** Ames. **other id:** HCO -098. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **locality:** Huacrachuco, Maranon, Huanuco. **latitude:** 08 deg. 39 min. S. **longitude:** 077 deg. W. **elevation:** 2400m. Annual. Landrace. Seed.
- PI 572176 **donor id:** Huanuco 110. **origin:** Peru. **other id:** Ames 19828. **source:** NC-7. **group:** Ames. **other id:** HCO -110. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **locality:** Martas, Dos De Mayo, Huanuco. **latitude:** 10 deg. S. **longitude:** 077 deg. W. **elevation:** 2900m. Annual. Landrace. Seed.
- PI 572177 **donor id:** Huanuco 127. **origin:** Peru. **other id:** Ames 19829. **source:** NC-7. **group:** Ames. **other id:** HCO -127. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **locality:** Quisqui, Huanuco, Huanuco. **latitude:** 09 deg. 55 min. S. **longitude:** 076 deg. W. **elevation:** 2600m. Annual. Landrace. Seed.
- PI 572178 **donor id:** Huanuco 128. **origin:** Peru. **other id:** Ames 19830. **source:** NC-7. **group:** Ames. **other id:** HCO -128. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **locality:** Quisqui, Huanuco, Huanuco. **latitude:** 09 deg. 55 min. S. **longitude:** 076 deg. W. **elevation:** 2700m. Annual. Landrace. Seed.
- PI 572179 **donor id:** Huanuco 177. **origin:** Peru. **collected:** April 1980. **other id:** Ames 19831. **source:** NC-7. **group:** Ames. **other id:** HCO -177. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **locality:** Leo.Prado, Huanuco. **latitude:** 09 deg. S. **longitude:** 076 deg. W. **elevation:** 670m. Annual. Landrace. Seed.
- PI 572180 **donor id:** Huanuco 185. **origin:** Peru. **collected:** August 1981. **other id:** Ames 19832. **source:** NC-7. **group:** Ames. **other id:** HCO -185. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **locality:** Pozuzo, Pachitea, Huanuco. **latitude:** 10 deg. 04 min. S. **longitude:** 076 deg. W. **elevation:** 900m. Annual. Landrace. Seed.

PI 572152 to 572213-continued

- PI 572181 donor id: Huanuco 187. origin: Peru. collected: August 1981. other id: Ames 19833. source: NC-7. group: Ames. other id: HCO -187. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. locality: Pozuzo, Pachitea, Huanuco. latitude: 10 deg. 04 min. S. longitude: 076 deg. W. elevation: 850m. Annual. Landrace. Seed.
- PI 572182 donor id: Huanuco 188. origin: Peru. collected: August 1981. other id: Ames 19834. source: NC-7. group: Ames. other id: HCO -188. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. locality: Pozuzo, Pachitea, Huanuco. latitude: 10 deg. 04 min. S. longitude: 076 deg. W. elevation: 850m. Annual. Landrace. Seed.
- PI 572183 donor id: Huanuco 192. origin: Peru. collected: August 1981. other id: Ames 19835. source: NC-7. group: Ames. other id: HCO -192. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. locality: Pozuzo, Pachitea, Huanuco. latitude: 10 deg. 04 min. S. longitude: 076 deg. W. elevation: 850m. Annual. Landrace. Seed.
- PI 572184 donor id: Huanuco 193. origin: Peru. collected: August 1981. other id: Ames 19836. source: NC-7. group: Ames. other id: HCO -193. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. locality: Yanahuanca, Pachitea, Huanuco. latitude: 10 deg. S. longitude: 076 deg. W. elevation: 870m. Annual. Landrace. Seed.
- PI 572185 donor id: Huanuco 195. origin: Peru. collected: August 1981. other id: Ames 19837. source: NC-7. group: Ames. other id: HCO -195. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. locality: Pozuzo, Pachitea, Huanuco. latitude: 10 deg. 04 min. S. longitude: 076 deg. W. elevation: 855m. Annual. Landrace. Seed.
- PI 572186 donor id: Junin 16. origin: Peru. local name: Posuso Colorado. collected: 1954. other id: Ames 19838. source: NC-7. group: Ames. other id: JUN -016. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. locality: Chanchamay, Tarma, Junin. latitude: 11 deg. 25 min. S. longitude: 075 deg. W. elevation: 3080m. Annual. Landrace. Seed.

PI 572152 to 572213-continued

- PI 572187 **donor id:** Junin 27. **origin:** Peru. **other id:** Ames 19839. **source:** NC-7. **group:** Ames. **other id:** JUN -027. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **locality:** S.Jeronimo, Huancayo, Junin. **latitude:** 12 deg. 04 min. S. **longitude:** 075 deg. W. **elevation:** 3300m. Annual. Landrace. Seed.
- PI 572188 **donor id:** Junin 73. **origin:** Peru. **collected:** June 1954. **other id:** Ames 19840. **source:** NC-7. **group:** Ames. **other id:** JUN -073. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **locality:** Ahuac, Huancayo, Junin. **latitude:** 12 deg. 04 min. S. **longitude:** 075 deg. W. **elevation:** 3300m. Annual. Landrace. Seed.
- PI 572189 **donor id:** Junin 137. **origin:** Peru. **other id:** Ames 19841. **source:** NC-7. **group:** Ames. **other id:** JUN -137. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **locality:** Junin. Annual. Landrace. Seed.
- PI 572190 **donor id:** Junin 194. **origin:** Peru. **collected:** June 1976. **other id:** Ames 19842. **source:** NC-7. **group:** Ames. **other id:** JUN -194. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **locality:** Huamancara, Huancayo, Junin. **latitude:** 12 deg. 04 min. S. **longitude:** 075 deg. W. **elevation:** 3330m. Annual. Landrace. Seed.
- PI 572191 **donor id:** Libertad 48. **origin:** Peru. **collected:** August 1956. **other id:** Ames 19843. **source:** NC-7. **group:** Ames. **other id:** LIB -048. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **locality:** Huancaspat, Pataz, La Libertad. **latitude:** 07 deg. 44 min. S. **longitude:** 077 deg. W. **elevation:** 2900m. Annual. Landrace. Seed.
- PI 572192 **donor id:** Libertad 52. **origin:** Peru. **collected:** August 1956. **other id:** Ames 19844. **source:** NC-7. **group:** Ames. **other id:** LIB -052. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **locality:** Huancaspat, Pataz, La Libertad. **latitude:** 07 deg. 44 min. S. **longitude:** 077 deg. W. **elevation:** 2700m. Annual. Landrace. Seed.
- PI 572193 **donor id:** Libertad 102. **origin:** Peru. **collected:** July 1968. **other id:** Ames 19845. **source:** NC-7. **group:** Ames. **other id:** LIB -102. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **locality:** Huamachuco, S.Carrion, La Libertad. **latitude:** 07 deg. 48 min. S. **longitude:** 078 deg. W. **elevation:** 3000m. Annual. Landrace. Seed.

PI 572152 to 572213-continued

- PI 572194 donor id: Libertad 137. origin: Peru. collected: June 1976. other id: Ames 19846. source: NC-7. group: Ames. other id: LIB -137. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. locality: Cachicadan, Stgo Chuco, La Libertad. latitude: 08 deg. 09 min. S. longitude: 078 deg. W. elevation: 2560m. Annual. Landrace. Seed.
- PI 572195 donor id: Libertad 138. origin: Peru. collected: June 1976. other id: Ames 19847. source: NC-7. group: Ames. other id: LIB -138. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. locality: Mollepata, Stgo Chuco, La Libertad. latitude: 08 deg. 09 min. S. longitude: 078 deg. W. elevation: 2500m. Annual. Landrace. Seed.
- PI 572196 donor id: Loreto 23. origin: Peru. collected: December 1979. other id: Ames 19848. source: NC-7. group: Ames. other id: LOR -023. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. locality: Raymondí, C.Portillo, Loreto. latitude: 11 deg. S. longitude: 074 deg. W. elevation: 272m. Annual. Landrace. Seed.
- PI 572197 donor id: Loreto 32. origin: Peru. collected: 1981. other id: Ames 19849. source: NC-7. group: Ames. other id: LOR -032. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. locality: Loreto. Annual. Landrace. Seed.
- PI 572198 donor id: Madre de Dios 34. origin: Peru. collected: April 1980. other id: Ames 19850. source: NC-7. group: Ames. other id: M.DI-034. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. locality: Tambopata, Tambopata, Madre De Dios. latitude: 13 deg. 41 min. S. longitude: 069 deg. W. elevation: 180m. Annual. Landrace. Seed.
- PI 572199 donor id: Pasco 10. origin: Peru. collected: July 1980. other id: Ames 19851. source: NC-7. group: Ames. other id: PAS -010. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. locality: Pozuzo, Oxapampa, Cerro De Pasco. latitude: 10 deg. 34 min. S. longitude: 076 deg. W. elevation: 850m. Annual. Landrace. Seed.
- PI 572200 donor id: Pasco 13. origin: Peru. collected: July 1980. other id: Ames 19852. source: NC-7. group: Ames. other id: PAS -013. source: Latin American Maize Project (LAMP) CD-ROM 1992. group: LAMP. locality: Pozuzo, Oxapampa, Cerro De Pasco. latitude: 10 deg. 34 min. S. longitude: 076 deg. W. elevation: 850m. Annual. Landrace. Seed.

PI 572152 to 572213-continued

- PI 572201 **donor id:** Piura 149. **origin:** Peru. **collected:** December 1978. **other id:** Ames 19853. **source:** NC-7. **group:** Ames. **other id:** PIU -149. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **locality:** Marcabelic, Sullana, Piura. **latitude:** 04 deg. 53 min. S. **longitude:** 081 deg. W. **elevation:** 20m. Annual. Landrace. Seed.
- PI 572202 **donor id:** San Martin 22. **origin:** Peru. **collected:** December 1979. **other id:** Ames 19854. **source:** NC-7. **group:** Ames. **other id:** SMTI-022. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **locality:** Rioja, Rioja, San Martin. **latitude:** 06 deg. 05 min. S. **longitude:** 077 deg. W. **elevation:** 1400m. Annual. Landrace. Seed.
- PI 572203 **donor id:** San Martin 37. **origin:** Peru. **collected:** December 1979. **other id:** Ames 19855. **source:** NC-7. **group:** Ames. **other id:** SMTI-037. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **locality:** Moyobamba, Moyobamba, San Martin. **latitude:** 06 deg. 03 min. S. **longitude:** 077 deg. W. **elevation:** 860m. Annual. Landrace. Seed.
- PI 572204 **donor id:** San Martin 50. **origin:** Peru. **collected:** December 1979. **other id:** Ames 19856. **source:** NC-7. **group:** Ames. **other id:** SMTI-050. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **locality:** Soritor, Moyobamba, San Martin. **latitude:** 06 deg. 03 min. S. **longitude:** 077 deg. W. **elevation:** 850m. Annual. Landrace. Seed.
- PI 572205 **donor id:** San Martin 65. **origin:** Peru. **collected:** January 1980. **other id:** Ames 19857. **source:** NC-7. **group:** Ames. **other id:** SMTI-065. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **locality:** Lamas, Lamas, San Martin. **latitude:** 06 deg. 25 min. S. **longitude:** 077 deg. W. **elevation:** 770m. Annual. Landrace. Seed.
- PI 572206 **donor id:** San Martin 67. **origin:** Peru. **collected:** January 1980. **other id:** Ames 19858. **source:** NC-7. **group:** Ames. **other id:** SMTI-067. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **locality:** Caynarachi, Lamas, San Martin. **latitude:** 06 deg. 25 min. S. **longitude:** 076 deg. W. **elevation:** 180m. Annual. Landrace. Seed.

PI 572152 to 572213-continued

- PI 572207 **donor id:** San Martin 69. **origin:** Peru. **collected:** January 1980. **other id:** Ames 19859. **source:** NC-7. **group:** Ames. **other id:** SMTI-069. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **locality:** B.Aires, S.Martin, San Martin. **latitude:** 07 deg. S. **longitude:** 076 deg. W. **elevation:** 150m. Annual. Landrace. Seed.
- PI 572208 **donor id:** San Martin 79. **origin:** Peru. **collected:** February 1980. **other id:** Ames 19860. **source:** NC-7. **group:** Ames. **other id:** SMTI-079. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **locality:** Tarapoto, S.Martin, San Martin. **latitude:** 06 deg. 30 min. S. **longitude:** 076 deg. W. **elevation:** 260m. Annual. Landrace. Seed.
- PI 572209 **donor id:** San Martin 130. **origin:** Peru. **collected:** June 1980. **other id:** Ames 19861. **source:** NC-7. **group:** Ames. **other id:** SMTI-130. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **locality:** Sacanche, Huallaga, San Martin. **latitude:** 07 deg. 05 min. S. **longitude:** 077 deg. W. **elevation:** 380m. Annual. Landrace. Seed.
- PI 572210 **donor id:** San Martin 133. **origin:** Peru. **collected:** June 1980. **other id:** Ames 19862. **source:** NC-7. **group:** Ames. **other id:** SMTI-133. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **locality:** Piscoyacu, Huallaga, San Martin. **latitude:** 07 deg. S. **longitude:** 077 deg. W. **elevation:** 490m. Annual. Landrace. Seed.
- PI 572211 **donor id:** San Martin 140. **origin:** Peru. **collected:** June 1980. **other id:** Ames 19863. **source:** NC-7. **group:** Ames. **other id:** SMTI-140. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **locality:** Juanjui, M.Caceres, San Martin. **latitude:** 07 deg. 11 min. S. **longitude:** 077 deg. W. **elevation:** 340m. Annual. Landrace. Seed.
- PI 572212 **donor id:** Ucayali 13. **origin:** Peru. **collected:** July 1980. **other id:** Ames 19865. **source:** NC-7. **group:** Ames. **other id:** UCAY-013. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **locality:** Calleria, C.Portillo, Ucayali. **latitude:** 08 deg. S. **longitude:** 075 deg. W. **elevation:** 420m. Annual. Landrace. Seed.
- PI 572213 **donor id:** Ucayali 14. **origin:** Peru. **collected:** July 1980. **other id:** Ames 19866. **source:** NC-7. **group:** Ames. **other id:** UCAY-014. **source:** Latin American Maize Project (LAMP) CD-ROM 1992. **group:** LAMP. **locality:** Calleria, C.Portillo, Ucayali. **latitude:** 08 deg. S. **longitude:** 075 deg. W. **elevation:** 380m. Annual. Landrace. Seed.

PI 572214 to 572227. *Zea mays* L. subsp. *mays* POACEAE Corn

Donated by: Estacion Experimental Regional, Agropecuaria Pergamino, INTA, 2700-Pergamino, Buenos Aires, Argentina. **remarks:** Received through IBPGR, Rome, Italy. Received January 05, 1994.

PI 572214 **donor id:** ARZM 02 025. **origin:** Argentina. Cultivar. Seed.

PI 572215 **donor id:** ARZM 12 001. **origin:** Argentina. Cultivar. Seed.

PI 572216 **donor id:** ARZM 12 006. **origin:** Argentina. Cultivar. Seed.

PI 572217 **donor id:** ARZM 12 009. **origin:** Argentina. Cultivar. Seed.

PI 572218 **donor id:** ARZM 12 010. **origin:** Argentina. Cultivar. Seed.

PI 572219 **donor id:** ARZM 12 013. **origin:** Argentina. Cultivar. Seed.

PI 572220 **donor id:** ARZM 12 015. **origin:** Argentina. Cultivar. Seed.

PI 572221 **donor id:** ARZM 12 016. **origin:** Argentina. Cultivar. Seed.

PI 572222 **donor id:** ARZM 12 021. **origin:** Argentina. Cultivar. Seed.

PI 572223 **donor id:** ARZM 12 071. **origin:** Argentina. Cultivar. Seed.

PI 572224 **donor id:** ARZM 13 095. **origin:** Argentina. Cultivar. Seed.

PI 572225 **donor id:** ARZM 13 112. **origin:** Argentina. Cultivar. Seed.

PI 572226 **donor id:** ARZM 13 151. **origin:** Argentina. Cultivar. Seed.

PI 572227 **donor id:** ARZM 18 043. **origin:** Argentina. Cultivar. Seed.

PI 572228. *Festuca arundinacea* Schreber POACEAE Tall fescue

Donated by: Meyer, W., Pure-Seed Testing, Inc., P.O. Box 449, Hubbard, Oregon 97032, United States. Received January 25, 1994.

PI 572228-continued

origin: United States. **cultivar:** SAFARI. **pedigree:** Advanced generation synthetic from two cycles of phenotypic recurrent selection. Parents track back to germplasm from NJ, ID, GA, KN, and NC. **other id:** PST-5MWR. **other id:** W6 14992. **group:** W6. **remarks:** Dark colored turf-type tall fescue with improved turf performance, good spring green up, good fall color retention and good summer density. Performed well in AZ, CA, IL, IN, KN, KY, MN, MI, NJ, OH, OR, RI, TX, MD, and WA. Relatively fine leaf texture in turf and good resistance to leaf spot, stem rust, crown rust, Fusarium patch and improved resistance to brown patch. Perennial. Cultivar. Seed.

PI 572229 to 572230. *Pennisetum glaucum* (L.) R. Br. POACEAE Pearl millet

Donated by: Lohani, S.N., Intl Crops Res Inst for Semi-Arid Tropic, B.P. 320, Bamako, Mali. Received January 25, 1994.

PI 572229 **origin:** Mali. **cultivar:** IKMP1. **pedigree:** Developed from earheads collected farmers' fields in 600-900 mm rainfall zone of Burkina Faso. Following mass sel. with 395 S1 progeny line a set of 8 sel. late flowering lines were recombined. **remarks:** Strongly photoperiod sensitive, takes about 85 days to flower and 120 days to mature for mid-June planting. Plant height 3.0m, earhead length 26-30cm cylindrical shaped, globular light yellow grain (8-11g 1000-1 seed) with vitreous endosperm. Moderately resistant to downy mildew (*Sclerospora graminicola*). Spring Annual. Cultivar. Seed.

PI 572230 **origin:** Mali. **cultivar:** IKMP2. **pedigree:** Developed from earheads collected farmers' fields in 600-900 mm rainfall zone of Burkina Faso. Following mass sel. with 395 S1 progeny line a set of 6 early flowering lines were recombined. **remarks:** Moderately photoperiod sensitive, takes about 75 days to flower and 110 days to mature for mid-June planting. Plant height 2.5m, earhead length 35-43cm cylindrical shaped, hexagonal light grey (9-12g 1000-1 seed) with vitreous endosperm. Highly resistant to downy mildew. Spring Annual. Cultivar. Seed.

PI 572231. *Trifolium amoenum* E. Greene FABACEAE Showy indian clover

Donated by: Connors, P.G., University of California, Bodega Marine Laboratory, P.O. Box 247, Bodega Bay, California 94923, United States. Received January 25, 1994.

PI 572231-continued

origin: United States. **cultivar:** 1993-Fitzpatrick Lane, Occidental. **collected:** July 1993. **collector:** Peter G. Connors. **locality:** Fitzpatrick Lane, Occidental, Sonoma County. **restricted:** RARE. **remarks:** Extremely rare native clover. 46 seeds, most enclosed in dried floret. All from a single plant. Wild. Seed.

PI 572232. *Pennisetum glaucum* (L.) R. Br. POACEAE Pearl millet

Donated by: Lohani, S.N., Intl Crops Res Inst for Semi-Arid Tropic, B.P. 320, Bamako, Mali. Received January 24, 1994.

origin: Mali. **cultivar:** IKMV 8201. **pedigree:** Developed from germplasm accession P449 of Malian origin. based on evaluation of P449 derived 60 S2 progeny lines, eight best S2 progeny lines were recombined and the open pollinated variety selected. **remarks:** Mildly photoperiod sensitive, flowers in 50-60 days and matures in 90-100 days. Plants are of medium stature (2.0-2.3m) with 3-4 productive tillers, earhead length 23-28cm candle shaped, devoid of bristles. Grains hexagonal, medium sized (10-13g 1000 seeds) light gray with vitreous endosperm. Resistant to downy mildew (*Sclerospora graminicola*). Recommended for normal and late planting condition in the Sahelian and Sudanian Zone of Burkina Faso respectively. Spring Annual. Cultivar. Seed.

PI 572233. *Cynodon dactylon* (L.) Pers. POACEAE Bermudagrass

Donated by: Taliaferro, C. M., Agromomy Dept., Oklahoma State Univ., Stillwater, Oklahoma 74078, United States. Received August 21, 1990.

* *Cynodon dactylon* (L.) Pers. var. *dactylon* POACEAE Bermudagrass
donor id: Field No.16. **origin:** Zimbabwe. **collected:** August 17, 1990. **collector:** C.M. Taliaferro. **collector id:** Field No.16. **other id:** BE-3083. **other id:** Q 28308. **locality:** Chapman Golf Course, (No. 3 Green), Harare. **remarks:** Invading type in cultivar Florida on greens. Plant.

PI 572234. *Humulus lupulus* L. CANNABACEAE Hop

Donated by: Haunold, A., USDA-ARS, Oregon State University, Corvallis, Oregon 97331-3002, United States. Received January 27, 1994.

PI 572234-continued

origin: United States. **cultivar:** CRYSTAL. **pedigree:** Tettnanger x Tetrapl.Hallertau mf x(Cascade x USDA 56009-64045M). **other id:** USDA Acc. No. 21490. **remarks:** Maturity medium-late, high-yielding aroma variety with aroma and quality characteristics similar to imported European hops. Female, triploid, naturally seedless with 3-5% alpha- and 4-6% beta acids and a cohumulone content of 19-23%. Adapted to major hop growing areas of Oregon and Washington but has performed poorly in the semi-arid Boise valley. Moderately resistant to hop downy mildew, resistant to verticillium wilt and free of all major hop viruses. Perennial. Cultivar. Rhizome.

PI 572235. X Triticosecale sp. POACEAE Triticale

Donated by: Porter, D.R., Agricultural Research Service -- USDA, 1301 N. Western St., Stillwater, Oklahoma 74075, United States; and Oklahoma Agr. Exp. Sta.. **remarks:** Gaucho Triticale. Received January 27, 1994.

origin: United States. **developed:** E.E. Sebesta, E.A. Wood, Jr., D.R. Porter, J.A. Webster, E.L. Smith. **origin institute:** Agricultural Research Service -- USDA, 1301 N. Western St., Stillwater, Oklahoma 74075 United States. **cultivar:** GAUCHO. **pedigree:** Insave F.A. / Chinese Spring. **other id:** CI 15323. **other id:** GP-14. **group:** CSR-TRITICALE. **restricted:** CSR. **remarks:** Greenbug (*Schizaphis graminum*) biotype C resistant octoploid. Developed by crossing a greenbug-resistant strain of Insave F.A. rye (*Secale cereale*) with susceptible Chinese Spring wheat (*Triticum aestivum*). The chromosomes were doubled using colchicine to produce the amphiploid (octoploid triticales, $2n=8x=56$). Genetic analysis of Insave F.A. indicate greenbug resistance is controlled by a single dominant gene. Formed by bulking seed from several of the first generation primary triticales. Winter Annual. Breeding Material. Seed.

PI 572236. *Glycine max* (L.) Merr. FABACEAE Soybean

Donated by: Fehr, W.R., Iowa Agr. and Home Econ. Exp. Sta., Iowa State University, Agronomy Dept., Ames, Iowa 50011, United States; and Puerto Rico Agr. Exp. Sta.. Received June 29, 1993.

PI 572236-continued

origin: United States. **developed:** W.R. Fehr, S. Rodriguez de Cianzio. **origin institute:** Iowa Agr. and Home Econ. Exp. Sta., Iowa State University, Agronomy Dept., Ames, Iowa 50011 United States. **cultivar:** AP11. **pedigree:** 40 plant introductions (PI parents) and 40 high-yielding cultivars or experimental lines (adapted parents) of Maturity Group I to IV. 75% of parentage derived from plant introductions. **other id:** GP-36. **source:** Crop Sci. 21(3):477 1981. **group:** CSR-SOYBEAN. **remarks:** Used to evaluate progress from recurrent selection in populations that differ in the percentage of the parentage from plant introductions. Breeding Material. Seed.

PI 572237. *Glycine max* (L.) Merr. FABACEAE Soybean

Donated by: Hartwig, E.E., Agricultural Research Service -- USDA, Delta Branch Miss. Agr. & For. Exp. Sta., P.O. Box 196, Stoneville, Mississippi 58776, United States; and Clemson Agr. Exp. Sta.. Received June 29, 1993.

origin: United States. **developed:** E.E. Hartwig, S.G. Turnipseed, T.C. Kilen. **origin institute:** Agricultural Research Service -- USDA, Delta Branch Miss. Agr. & For. Exp. Sta., P. O. Box 196, Stoneville, Mississippi 38776 United States. **cultivar:** D75-10169. **pedigree:** Govan x (Bragg x PI 229358). **other id:** GP-49. **source:** Crop Sci. 24(1):214 1984. **group:** CSR-SOYBEAN. **remarks:** Maturity group VIII. Flowers white. Pubescence tawny. Seed yellow with black hila. Seed holding good. Resistant to bacterial pustule (*Xanthomonas phaseoli*) and to root-knot nematode (*Meloidogyne incognita*). Field resistance to phytophthora root (*Phytophthora megasperma*). Seed yield averages about 85% of Hutton. Appears to have broad range of resistance to foliar-feeding insects similar to PI 229358. Breeding Material. Seed.

PI 572238. *Glycine max* (L.) Merr. FABACEAE Soybean

Donated by: Boerma, H.R., Georgia Agr. Exp. Sta., University of Georgia, Athens, Georgia 30602-7272, United States. **remarks:** Haskell Soybean. Received June 29, 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 & Soil Sciences, Athens, Georgia 30602-7272 United States. **cultivar:** Haskell. **pedigree:** Johnston x Braxton. **other id:** G-84-3185. **other id:** CV-318. **source:** Crop Sci. 34(2):541 1994. **group:** CSR-SOYBEAN. **other id:** PVP 9400019. **source:** Pending. **group:** PVPO. **restricted:** CSR. **patent:** PVPO. **remarks:** Maturity group VII. Selected to combine superior yield with resistance to southern, peanut, and javanese root-knot nematodes. Determinate growth habit. Flowers purple. Pubescence tawny. Pod walls tan. Seeds yellow with shiny seed coats and black hila. Resistant to southern biotype of stem canker and bacterial pustule. Moderately resistant to the prevalent races of frogeye leaf spot. Susceptible to soybean cyst nematode. Spring Annual. Cultivar. Seed.

PI 572239. *Glycine max* (L.) Merr. FABACEAE Soybean

Donated by: Agricultural Research Service -- USDA, Raleigh, North Carolina, United States; and North Carolina Agricultural Res. Ser.; and Arkansas Exp. Sta.. Received June 29, 1993.

origin: United States. **origin institute:** Agricultural Research Service -- USDA, North Carolina United States. **cultivar:** Holladay. **pedigree:** N77-179 x Johnston. **other id:** N85-578. **remarks:** Good lodging resistance (score of 1.5 where 1 is best and 5 is worst). Susceptible to cyst and root knot nematodes and moderately susceptible to stem canker. Most adapted to the delta and the west regions. Also performed very well in the East Coast and Upper and Central South regions. Averaged 21.7% oil and 37.7% protein. Pubescence gray. Flowers purple. Pod wall tan. Seed size 14.8 grams/100 seeds. Cultivar. Seed.

PI 572240. *Glycine max* (L.) Merr. FABACEAE Soybean

Donated by: Illinois Agr. Exp. Sta., Southern Illinois Univ. at Carbondale, Carbondale, Illinois, United States. Received June 29, 1993.

PI 572240-continued

origin: United States. **origin institute:** Illinois Agr. Exp. Sta., Southern Illinois Univ. at Carbondale, Carbondale, Illinois United States. **cultivar:** Nile. **pedigree:** Forrest x Union. **other id:** LS83-5616. **remarks:** Mid-Maturity Group IV variety with resistance to soybean cyst nematode (SCN) race 3. Indeterminate in growth habit. Flowers white. Pubescence tawny. Pod walls tan. Seed yellow with shiny seed coat and black hila. Cultivar. Seed.

PI 572241. *Glycine max* (L.) Merr. FABACEAE Soybean

Donated by: Ablett, G.R., Ridgetown College of Agricultural Tech., Ridgetown, Ontario, Canada; and University of Guelph. Received June 29, 1993.

origin: Canada. **developed:** G.R. Ablett, J.W. Tanner. **origin institute:** Ridgetown College of Agricultural Tech., Ridgetown, Ontario Canada. **cultivar:** Brock. **pedigree:** B152 x HW8039. **other id:** RCAT 8803. **remarks:** Mid-Maturity Group I. Excellent yield potential and lodging tolerance. Resistant to most races of phytophthora root rot (*Phytophthora megasperma*) found in Ontario. Height and seed size medium. Flowers purple. Pubescence and pods brown. Indeterminate growth habit. Leaves ovate. Seed dull yellow with a large brown hilum. Cultivar. Seed.

PI 572242. *Glycine max* (L.) Merr. FABACEAE Soybean

Donated by: Ablett, G.R., Ridgetown College of Agricultural Tech., Ridgetown, Ontario, Canada; and University of Guelph. Received June 29, 1993.

origin: Canada. **developed:** G.R. Ablett, J.W. Tanner. **origin institute:** Ridgetown College of Agricultural Tech., Ridgetown, Ontario Canada. **cultivar:** RCAT Angora. **pedigree:** B152 x T8112. **other id:** RCAT 8801. **remarks:** Mid-late Maturity Group II. Excellent yield potential and resistance to most races of phytophthora root rot (*Phytophthora megasperma*) found in Ontario. Height medium. Lodging resistance fair, particularly on loamy soils. Seed protein content low, while seed oil content is high. Flowers and hypocotyls purple. Indeterminate growth habit. Leaflet ovate. Pubescence gray. Pods brown. Seed spherical with dull yellow seed coat and medium-size yellow hilum. Cultivar. Seed.

PI 572243. *Glycine max* (L.) Merr. FABACEAE Soybean

Donated by: Agricultural Canada, Research Station, Harrow, Ontario, Canada. Received June 29, 1993.

origin: Canada. **developed:** R.I. Buzzell, T.R. Anderson, A.S. Hamill, T.W. Welacky. **origin institute:** Agriculture Canada, Research Station, Harrow, Ontario NOR 1GO Canada. **cultivar:** Harovinton. **pedigree:** Vinton x Vinton 81. **other id:** OX733. **remarks:** Large-seeded variety with a greater protein content than oilseed cultivars and is suitable for tofu production. Resistant to *Phytophthora megasperma* and tolerant of metribuzin herbicide. Leaves ovate. Indeterminate stem type. Flowers purple. Pubescence gray. Pods at maturity tan. Seed coat and hilum dull yellow. Susceptible to soybeans mosaic virus and moderately susceptible to seed mold (*Phomopsis longicolla*). Cultivar. Seed.

PI 572244. *Glycine max* (L.) Merr. FABACEAE Soybean

Donated by: Diers, B.W., Michigan Agr. Exp. Sta., Michigan State University, E. Lansing, Michigan 48824, United States. **remarks:** Dimon Soybean. Received July 01, 1993.

origin: United States. **developed:** T.G. Isleib, C.H. Sneller, B.W. Diers. **origin institute:** Michigan Agr. Exp. Sta., Michigan State University, Dept. of Crop and Soil Sciences, E. Lansing, Michigan 48824 United States. **cultivar:** Dimon. **pedigree:** Elgin//HW8039, Weber/Pella. **other id:** E86339. **other id:** CV-315. **source:** Crop Sci. 34(1):311 1994. **group:** CSR-SOYBEAN. **restricted:** CSR. **remarks:** Indeterminate growth habit. Flowers purple. Pubescence tawny. Pods tan. Seeds shiny with black hila. In 27 performance trials in Michigan, matured on approx. 9/27 when planted in mid-May (Group II maturity). Seed yield averaged 3.74 mg ha⁻¹. Average lodging score 2.1. Average height 82cm. Seed protein and oil concentrations averaged 39.2 and 20.8g kg⁻¹ in 20 trails. Susceptible to *phytophthora* root rot (*Phytophthora sojae*) and brown stem rot (*Phialophora gregata*). Spring Annual. Cultivar. Seed.

PI 572245. *Glycine max* (L.) Merr. FABACEAE Soybean

Donated by: Diers, B.W., Michigan Agr. Exp. Sta., Michigan State University, E. Lansing, Michigan 48824, United States. **remarks:** Felix Soybean. Received July 01, 1993.

origin: United States. **developed:** T.G. Isleib, C.H. Sneller, B.W. Diers. **origin institute:** Michigan Agr. Exp. Sta., Michigan State University, Dept. of Crop and Soil Sciences, E. Lansing, Michigan 48824 United States. **cultivar:** Felix. **pedigree:** ProSoy 104/6/HW8028, Corsoy*2/4/Mack/3/L65-1342, Wayne*2// L62-1926 (Clark-e2), Clark*6/PI 86024, A75-105021/5/Century. **other id:** E86237. **other id:** CV-316. **source:** Crop Sci. 34(1):311 1994. **group:** CSR-SOYBEAN. **restricted:** CSR. **remarks:** Indeterminate growth habit. Flowers white. Pubescence gray. Pods tan. Seeds dull with yellow hila. In 27 performance trials in Michigan, matured on approx. 9/22 when planted in mid-May (Group I maturity). Seed yield averaged 3.53 mg ha⁻¹. Average lodging score 2.0. Average height 94cm. Seed protein and oil concentrations averaged 40.0 and 20.6g kg⁻¹ in 20 trails. Resistant to Race 1 of phytophthora root rot (*Phytophthora sojae*) and susceptible to brown stem rot (*Phialophora gregata*). Spring Annual. Cultivar. Seed.

PI 572246. *Hordeum vulgare* L. subsp. *vulgare* POACEAE Barley

Donated by: Johnson, J.W., Georgia Agr. Exp. Sta., University of Georgia, Griffin, Georgia 30223-1797, United States. Received July 01, 1993.

origin: United States. **cultivar:** GA-HFB. **pedigree:** Henry//Barsoy/Purdue 65-119-8. **other id:** GA 761786. **remarks:** Beardless, six-rowed semi-hardy winter barley. Matures early similar to Venus and 5cm taller than Venus. Resistant to Hessian fly (*Mayetiola destructor*). Facultative Annual. Breeding Material. Seed.

PI 572247 to 572253. *Hordeum vulgare* L. subsp. *vulgare* POACEAE Barley

Donated by: Cunfer, B.M., Georgia Agr. Exp. Sta., University of Georgia, Griffin, Georgia 30223-1797, United States. Received July 01, 1993.

PI 572247 **origin:** United States. **developed:** B.M. Cunfer. **origin institute:** Georgia Agric. Exp. Station, 1109 Experiment St., Griffin, Georgia 30223-1797 United States. **cultivar:** GA-29. **pedigree:** Naked Dayton/Knob. **other id:** 76517RA3. **remarks:** Six-row barley with two opposite rows with short awns. Head compact but moderately long and slight curve in neck. Height 95-130cm. Midseason maturity. Resistance to *Stagonospora nodorum*. Facultative Annual. Breeding Material. Seed.

- PI 572248 **origin:** United States. **developed:** B.M. Cunfer. **origin institute:** Georgia Agric. Exp. Station, 1109 Experiment St., Griffin, Georgia 30223-1797 United States. **cultivar:** GA-30. **pedigree:** 45-92-45/P65-119-8//Volbar. **other id:** 761823RA10. **remarks:** Six-row barley with two opposite rows with long awns and slight curve in neck. Height 100-120cm. Midseason to mid-late maturity. Resistance to Stagonospora nodorum. Facultative Annual. Breeding Material. Seed.
- PI 572249 **origin:** United States. **developed:** B.M. Cunfer. **origin institute:** Georgia Agric. Exp. Station, 1109 Experiment St., Griffin, Georgia 30223-1797 United States. **cultivar:** GA-31. **pedigree:** Henry/NC 75. **other id:** 76574RA11. **remarks:** Six-row barley with awns. Head slightly lax and has straight neck. Height 115-130cm. Midseason maturity. Resistance to Stagonospora nodorum. Facultative Annual. Breeding Material. Seed.
- PI 572250 **origin:** United States. **developed:** B.M. Cunfer. **origin institute:** Georgia Agric. Exp. Station, 1109 Experiment St., Griffin, Georgia 30223-1797 United States. **cultivar:** GA-32. **pedigree:** Volbar/45-448-11. **other id:** 76567RA16. **remarks:** Six-row barley with two opposite rows with awns. Head compact, has "snaky neck" character, and flag leaf large. Height 90-115cm. Midseason maturity. Plant golden at maturity. Resistance to Stagonospora nodorum. Facultative Annual. Breeding Material. Seed.
- PI 572251 **origin:** United States. **developed:** B.M. Cunfer. **origin institute:** Georgia Agric. Exp. Station, 1109 Experiment St., Griffin, Georgia 30223-1797 United States. **cultivar:** GA-33. **pedigree:** Va 71-42-14/Knob. **other id:** GA72003-6. **remarks:** Six-row barley with long awns. Head long, slightly lax and has slight curve in neck. Moderate straw strength. Height 105-125cm. Midseason maturity. Resistance to Stagonospora nodorum. Facultative Annual. Breeding Material. Seed.
- PI 572252 **origin:** United States. **developed:** B.M. Cunfer. **origin institute:** Georgia Agric. Exp. Station, 1109 Experiment St., Griffin, Georgia 30223-1797 United States. **cultivar:** GA-34. **pedigree:** Fl Cr 65-202-13/Boone. **other id:** 84NB569. **remarks:** Six-row barley with long awns and slight curve in neck. Height 95-115cm (80cm in 1989 in Griffin). Midseason maturity. Resistance to Stagonospora nodorum. Facultative Annual. Breeding Material. Seed.

PI 572247 to 572253-continued

PI 572253 **origin:** United States. **origin institute:** North Carolina Agric. Exp. Station, Raleigh, North Carolina United States. **cultivar:** NC80-1. **pedigree:** Boone/Clayton. **remarks:** Six-row barley with moderate length awns. Straight neck and short stiff straw. Head golden at maturity. Height 85-110cm. Midseason to mid-late maturity. Resistance to *Stagonospora nodorum*. Facultative Annual. Breeding Material. Seed.

PI 572254. *Amaranthus dubius* C. Martius ex Thell. AMARANTHACEAE

Donated by: Rodale Research Center; Rodale Press, Box 323, Kutztown, Pennsylvania 19530, United States. Received July 19, 1993.

donor id: RRC 1186. **origin:** India. **source history:** Investigators at the Rodale Research Center observed that this accession is uniform.. **other id:** UNZA-A1. **source:** A.J.Prior Det Ag. Mt Makulu Res Sta. Chilanga. Rep Zambia. **group:** NC7.donr.colr.ids. **other id:** Ames 5659. **source:** NC-7. **group:** Ames. **other id:** Ames 5659. **source:** NC-7. **group:** Ames. **remarks:** The foliage and flowers are green with black seeds. Used as a vegetable. Annual. Seed.

PI 572255. *Amaranthus* hybrid AMARANTHACEAE

Donated by: Hauptli, Holly, 11240 West Road, Potter Valley, California 95469, United States. Received August 17, 1991.

donor id: HH 205. **origin:** United States. **source history:** Seed packet handed to David Brenner (*Amaranth* curator) by Holly Hauptli on August 17, 1991 during a meeting of the *Amaranth* Institute in Sidney, Nebraska.. **local name:** Aberrant *Amaranth*. **other id:** Ames 16110. **source:** NC-7. **group:** Ames. **other id:** Ames 16110. **source:** NC-7. **group:** Ames. **locality:** Tyler Island Road, on Tyler Island, in the Delta of the Sacramento river, Sacramento County. **latitude:** 38 deg. 10 min. N. **longitude:** 121 deg. 25 min. W. **elevation:** 3m. **remarks:** This accession has mixed species characteristics but not the non-splitting utricles as documented in: Aberrant *Amaranthus* Populations of the Sacramento-San Joaquin Delta, California. By Tucker and Sauer. Madrono 1958 Vol. 14, pages 252-261. Wild. Seed.

PI 572256. *Amaranthus hypochondriacus* L. AMARANTHACEAE

Donated by: Rodale Research Center, Rodale Press, Box 323, Kutztown, Pennsylvania 19530, United States. Received July 19, 1993.

origin: United States. **origin institute id:** K 188.
source history: This cultivar was obsolete by 1991. The tallness is said to be influenced by daylength sensitivity. It was developed at the Rodale Research Center.. **other id:** Ames 4959. **source:** NC-7. **group:** Ames. **other id:** Ames 4959. **source:** NC-7. **group:** Ames.
remarks: This is a breeding line developed from a prima x Nepal cross By crossing a short, early maturing prima plant with a tall late maturing Nepal line. It matures in about 130 days. The red flowered plants grow four feet tall. Cultivar. Seed.

PI 572257 to 572262. *Amaranthus powellii* S. Watson AMARANTHACEAE

Donated by: Zentralinstitut, fur Genetik and Kulturpflanzenforschung, Corrensstrasse 3, Gatersleben DDR-4325, Germany. Received May 30, 1990.

PI 572257 **donor id:** AMA 89/79. **origin:** Rwanda. **source history:** Zentralinstitut acquired this accession from Botanical Garden of the University of Leige, Start Tilman B-4000, Leige, Belgium.. **other id:** Ames 13778. **source:** NC-7. **group:** Ames. **other id:** Ames 13778. **source:** NC-7. **group:** Ames. **locality:** Collected in Pref. Cyangugu, Rwanda. **remarks:** This accession includes plants with utricles that do not split at their equators but abscise with their tepals. The non-splitting could be useful for reduced shattering in grain production. Wild. Seed.

PI 572258 **donor id:** AMA 64/80. **origin:** Hungary. **source history:** Zentralinstitut acquired this accession from Agrobotanic Garden, H-2103 Godollo, Hungary.. **other id:** Ames 13781. **source:** NC-7. **group:** Ames. **other id:** Ames 13781. **source:** NC-7. **group:** Ames. **remarks:** The leaf blade has a 0.1mm white edge, the blade apex is aristate. Wild. Seed.

PI 572259 **donor id:** AMA 69/79. **origin:** Slovakia. **source history:** Zentralinstitut acquired this accession from Botanical Institute, Czechoslovak Academy of Sciences, 252 43, Pruhonice, Czechoslovakia.. **other id:** Ames 13782. **source:** NC-7. **group:** Ames. **other id:** Ames 13782. **source:** NC-7. **group:** Ames. **remarks:** The leaf blade has a 0.1mm white edge, the blade apex is aristate. Wild. Seed.

PI 572257 to 572262-continued

- PI 572260 **donor id:** AMA 74/82. **origin:** France. **source history:** Zentralinstitut acquired this accession from Jardin Botanique de la Ville, 1 Avenue, Albert-Premier, Dijon, France.. **other id:** Ames 13783. **source:** NC-7. **group:** Ames. **other id:** Ames 13783. **source:** NC-7. **group:** Ames. **remarks:** The leaf blade has a 0.1mm white edge, the blade apex is aristate. Wild. Seed.
- PI 572261 **donor id:** AMA 57/81. **origin:** Germany. **source history:** Zentralinstitut acquired this accession from Botanical Garden of Martin Luther University, Halle-Wittenberg, AM Kirchtor 3, Halle/Saale, Germany.. **other id:** Ames 13784. **source:** NC-7. **group:** Ames. **other id:** Ames 13784. **source:** NC-7. **group:** Ames. **locality:** Collected in Priesitz, Wittenberg, Germany. **remarks:** This accession includes plants with utricles that do not split at their equators but abscise with their tepals. The non-splitting could be useful for reduced shattering in grain production. Wild. Seed.
- PI 572262 **donor id:** AMA 31/80. **origin:** France. **source history:** Zentralinstitut acquired this accession from Museum National d'Histoire Naturelle, Jardin des Plantes 57 rue Cuvier, 75 Paris 5, France.. **other id:** Ames 13792. **source:** NC-7. **group:** Ames. **other id:** Ames 13792. **source:** NC-7. **group:** Ames. Wild. Seed.

PI 572263. *Amaranthus retroflexus* L. AMARANTHACEAE

Donated by: Brenner, David, North Central Regional Plant Intro. Stat, State Ave. & Mortinsen Rd., Ames, Iowa 50010, United States. Received November 01, 1989.

origin: United States. **collected:** October 08, 1989. **collector id:** DB 8921. **other id:** Ames 10826. **source:** NC-7. **group:** Ames. **other id:** Ames 10826. **source:** NC-7. **group:** Ames. **locality:** Weed of a construction site and soybean field. Near "Country Kitchen" restaurant, at 16th and Duff streets. Ames, in Story County. **latitude:** 42 deg. 01 min. N. **longitude:** 093 deg. 37 min. W. **elevation:** 270m. **remarks:** Isolated from cultivated *Amaranthus* species. The plants were dry and shattering at collection time, less than 1 meter tall. Sample size 18, population size hundreds. Annual. Wild. Seed.

PI 572264. *Perilla frutescens* (L.) Britton LAMIACEAE

Donated by: Lee, Bong Ho, Crop Exp. Sta., RDA, Suwon, Korea, Republic of. **remarks:** Received through R.D. Brigham, Texas Agr. Exp. Sta., Texas A & M University, Rt. 3, Box 219, Lubbock, TX 79401-9757. Received July 08, 1991.

origin: Korea, South. **origin institute:** Crop Exp. Sta., Rural Development Administration, Suwon Korea, Republic of. **cultivar:** DEULGGAE. **other id:** Ames 18336. **source:** NC-7. **group:** Ames. **remarks:** Germination of seed excellent. Cultivar name means green colored leaf. An oilseed type for vegetable oil, but leaves are also used green. They are pickled similar to cucumber and cooked in soup or stew. **received as:** *Perilla frutescens* var. *japonica*. Cultivated. Seed.

PI 572265. *Glycine max* (L.) Merr. FABACEAE Soybean

Donated by: Zentralinstitut fur Genetikund, Kullurpflansenforschung, D-O-4325, Gatersleben, Germany. **remarks:** Via P. Hanelt. Received July 19, 1993.

origin: Georgia. **cultivar:** GL2497/Orig.. **other id:** SN 1027. Annual. Cultivated. Seed.

PI 572266. *Sorghum bicolor* (L.) Moench POACEAE Sorghum

Donated by: Omer, Hilu, Sorghum and Millet Research, Agric. Res. Corporation, P.O. Box 126, Wad Medani, Sudan. Received July 19, 1993.

origin: Sudan. **origin institute id:** IS 21781. **pedigree:** 6327-WM-77-W-113. **other id:** SU 1615. **group:** SU. Cultivated. Seed.

PI 572267 to 572268. *Gossypium hirsutum* L. MALVACEAE Cotton

Donated by: Calhoun, D.S., Louisiana Agr. Exp. Sta., Delta Research and Extension Center, Stoneville, Mississippi 38776, United States. **remarks:** Two Cotton Germplasms. Received July 19, 1993.

PI 572267 to 572268-continued

PI 572267 **origin:** United States. **developed:** D.S. Calhoun, J.E. Jones, W.D. Caldwell, E. Burris, B.R. Leonard, S.H. Moore, W. Aguillard. **origin institute:** Louisiana Agr. Exp. Sta., Delta Res. and Ext. Ctr., Stoneville, Mississippi 38776 United States. **cultivar:** La. 850075FHG. **pedigree:** La. HG-065/Unknown frego bract, nectariless. **other id:** GP-594. **source:** Crop Sci. 34(1):316 1994. **group:** CSR-COTTON. **restricted:** CSR. **remarks:** Frego-bract line with high frequency of gossypol gland on all plant parts, including calyx lobes. Significant level of resistance to the bollworm (*Helicoverpa zea*)/tobacco budworm (*Heliothis virescens*) complex and the boll weevil (*Anthonomus grandis*). Competitive with current cultivars in terms of lint yield and fiber quality, but has 50% higher total seed gossypol content. Annual. Breeding Material. Seed.

PI 572268 **origin:** United States. **developed:** D.S. Calhoun, J.E. Jones, W.D. Caldwell, E. Burris, B.R. Leonard, S.H. Moore, W. Aguillard. **origin institute:** Louisiana Agr. Exp. Sta., Delta Res. and Ext. Ctr., Stoneville, Mississippi 38776 United States. **cultivar:** La. 850082FN. **pedigree:** La. HG-065/Unknown frego bract, nectariless. **other id:** GP-593. **source:** Crop Sci. 34(1):316 1994. **group:** CSR-COTTON. **restricted:** CSR. **remarks:** Frego-bract, smoothleaf, nectariless line showing significant level of resistance to the bollworm (*Helicoverpa zea*)/tobacco budworm (*Heliothis virescens*) complex and the boll weevil (*Anthonomus grandis*). Lint yield is competitive with current cultivars, but fiber length and strength are below desired levels. Annual. Breeding Material. Seed.

PI 572269. *Zea mays* L. subsp. *mays* POACEAE Corn

Donated by: Pratt, R.C., Ohio Agr. Res. and Dev. Center, Ohio State University, Dept. of Agronomy, Wooster, Ohio 44691, United States; and Agricultural Research Service -- USDA. **remarks:** OhS11(C1) Maize Synthetic. Received July 19, 1993.

PI 572269-continued

origin: United States. **developed:** R.C. Pratt, W.R. Findley. **origin institute:** Ohio Agr. Res. and Dev. Center, Ohio State University, Dept. of Agronomy, 1680 Madison Avenue, Wooster, Ohio 44691 United States. **cultivar:** OhS11(C1). **pedigree:** OhS5(C1)/OhSNS(C7). **other id:** Ohio Syn. Pop. No. 11 (Cycle1). **other id:** GP-250. **group:** CSR-MAIZE. **restricted:** CSR. **remarks:** Plant, ear and kernel characteristics are variable. Maturity variable (ranges from AES 700 to AES 900). Average days to pollen shed and silking 88 and 89, respectively. Kernels predominantly yellow, with low frequency (1-2%) white kernels. Kernel texture varies from dent to flinty. Average root and stalk lodging 8 and 29%, respectively. Susceptibility to European corn borer (*Ostrinia rubilalis*) has been observed. Average plant and ear heights 239 and 131cm, respectively. Annual. Breeding Material. Seed.

PI 572270. *Glycine max* (L.) Merr. FABACEAE Soybean

Donated by: Leffel, R.C., Agricultural Research Service -- USDA, Soybean and Alfalfa Res. Lab., PSI, Beltsville, Maryland 20705, United States. **remarks:** BARC-10 Fasciated Soybean Germplasm. Received July 19, 1993.

origin: United States. **developed:** R.C. Leffel. **origin institute:** Agricultural Research Service -- USDA, Soybean and Alfalfa Res. Lab., PSI, Bldg. 011, HH-19, BARC-West, Beltsville, Maryland 20705 United States. **cultivar:** BARC-10. **pedigree:** L67L-113/PI 243541. L67L-113 is C1128/L58-2080. C1128 is Wabash(3)/Hawkeye(3) and L58-2080 is Hawkeye/Lincoln(3). **other id:** MD87L-3882. **other id:** GP-157. **source:** Crop Sci. 34(1):318 1994. **group:** CSR-SOYBEAN. **restricted:** CSR. **remarks:** Released for subsequent cycles of improvement of fasciated soybean and for genetic studies with the ff genes conditioning fasciation. Maturity late Group IV. Pubescence tawny. Seed yellow with black hila. Penetrance and expressivity of the ff genes greatly reduced: most plants exhibited only slightly broadened stem tips with most pods at the stem tip but some pod development distributed irregularly along main stem. In 8 environments, yielded 90% of seed yields of commercial cvs. Average seed size, plant height & lodging score 144mg sd-1, 68cm, and 2.0. Annual. Breeding Material. Seed.

PI 572271. *Glycine max* (L.) Merr. FABACEAE Soybean

Donated by: Pioneer Hi-Bred International, Inc., United States. Received July 19, 1993.

PI 572271-continued

origin: United States. **origin institute:** Pioneer Hi-Bred International, Inc. United States. **cultivar:** 9242.
other id: PVP 9300238. **source:** Pending. **group:** PVPO.
patent: PVPO. Cultivar. Seed.

PI 572272. *Lactuca sativa* L. ASTERACEAE Lettuce

Donated by: Asgrow Seed Company, United States. Received July 19, 1993.

origin: United States. **origin institute:** Asgrow Seed Company United States. **cultivar:** WARRIOR. **other id:** PVP 9300239. **source:** Pending. **group:** PVPO. **patent:** PVPO. Cultivar. Seed.

PI 572273. *Lolium perenne* L. POACEAE Perennial ryegrass

Donated by: Mid-Valley Farms, Inc., United States. Received July 19, 1993.

origin: United States. **origin institute:** Mid-Valley Farms, Inc. United States. **cultivar:** 89-90. **other id:** PVP 9300240. **source:** Pending. **group:** PVPO. **patent:** PVPO. Cultivar. Seed.

PI 572274. *Lolium perenne* L. POACEAE Perennial ryegrass

Donated by: All Star Farms, United States. Received July 19, 1993.

origin: United States. **origin institute:** All Star Farms United States. **cultivar:** EQUAL. **other id:** PVP 9300241. **source:** Pending. **group:** PVPO. **patent:** PVPO. Cultivar. Seed.

PI 572275. *Glycine max* (L.) Merr. FABACEAE Soybean

Donated by: Pioneer Hi-Bred International, Inc., United States. Received July 19, 1993.

origin: United States. **origin institute:** Pioneer Hi-Bred International, Inc. United States. **cultivar:** 9041. **other id:** PVP 9300242. **source:** Pending. **group:** PVPO. **patent:** PVPO. Cultivar. Seed.

PI 572276. Glycine max (L.) Merr. FABACEAE Soybean

Donated by: Pioneer Hi-Bred International, Inc., United States.
Received July 19, 1993.

origin: United States. **origin institute:** Pioneer Hi-Bred International, Inc. United States. **cultivar:** 9071.
other id: PVP 9300243. **source:** Pending. **group:** PVPO.
patent: PVPO. Cultivar. Seed.

PI 572277. Glycine max (L.) Merr. FABACEAE Soybean

Donated by: Pioneer Hi-Bred International, Inc., United States.
Received July 19, 1993.

origin: United States. **origin institute:** Pioneer Hi-Bred International, Inc. United States. **cultivar:** 9007.
other id: PVP 9300244. **source:** Pending. **group:** PVPO.
patent: PVPO. Cultivar. Seed.

PI 572278. Glycine max (L.) Merr. FABACEAE Soybean

Donated by: Pioneer Hi-Bred International, Inc., United States.
Received July 19, 1993.

origin: United States. **origin institute:** Pioneer Hi-Bred International, Inc. United States. **cultivar:** 9141.
other id: PVP 9300245. **source:** Pending. **group:** PVPO.
patent: PVPO. Cultivar. Seed.

PI 572279. Glycine max (L.) Merr. FABACEAE Soybean

Donated by: Pioneer Hi-Bred International, Inc., United States.
Received July 19, 1993.

origin: United States. **origin institute:** Pioneer Hi-Bred International, Inc. United States. **cultivar:** 9203.
other id: PVP 9300246. **source:** Pending. **group:** PVPO.
patent: PVPO. Cultivar. Seed.

PI 572280. Glycine max (L.) Merr. FABACEAE Soybean

Donated by: Pioneer Hi-Bred International, Inc., United States.
Received July 19, 1993.

origin: United States. **origin institute:** Pioneer Hi-Bred International, Inc. United States. **cultivar:** 9394.
other id: PVP 9300247. **source:** Pending. **group:** PVPO.
patent: PVPO. Cultivar. Seed.

PI 572281. Glycine max (L.) Merr. FABACEAE Soybean

Donated by: Pioneer Hi-Bred International, Inc., United States.
Received July 19, 1993.

origin: United States. **origin institute:** Pioneer Hi-Bred International, Inc. United States. **cultivar:** 9451.
other id: PVP 9300248. **source:** Pending. **group:** PVPO.
patent: PVPO. Cultivar. Seed.

PI 572282. Glycine max (L.) Merr. FABACEAE Soybean

Donated by: Pioneer Hi-Bred International, Inc., United States.
Received July 19, 1993.

origin: United States. **origin institute:** Pioneer Hi-Bred International, Inc. United States. **cultivar:** 9491.
other id: PVP 9300249. **source:** Pending. **group:** PVPO.
patent: PVPO. Cultivar. Seed.

PI 572283. Glycine max (L.) Merr. FABACEAE Soybean

Donated by: Pioneer Hi-Bred International, Inc., United States.
Received July 19, 1993.

origin: United States. **origin institute:** Pioneer Hi-Bred International, Inc. United States. **cultivar:** 9721.
other id: PVP 9300250. **source:** Pending. **group:** PVPO.
patent: PVPO. Cultivar. Seed.

PI 572284. Glycine max (L.) Merr. FABACEAE Soybean

Donated by: Pioneer Hi-Bred International, Inc., United States.
Received July 19, 1993.

origin: United States. **origin institute:** Pioneer Hi-Bred International, Inc. United States. **cultivar:** 9304.
other id: PVP 9300251. **source:** Pending. **group:** PVPO.
patent: PVPO. Cultivar. Seed.

PI 572285. Glycine max (L.) Merr. FABACEAE Soybean

Donated by: Pioneer Hi-Bred International, Inc., United States.
Received July 19, 1993.

origin: United States. **origin institute:** Pioneer Hi-Bred International, Inc. United States. **cultivar:** 9342.
other id: PVP 9300252. **source:** Pending. **group:** PVPO.
patent: PVPO. Cultivar. Seed.

PI 572286. *Cucurbita moschata* (Duchesne) Poiret CUCURBITACEAE Hard
winter squash

Donated by: Tom G. Kurupas-Duane S. Palmer, United States. Received
July 19, 1993.

origin: United States. **origin institute:** Tom G.
Kurupas-Duane S. Palmer United States. **cultivar:** AEGEAN
GOLD. **other id:** PVP 9300253. **source:** Pending. **group:**
PVPO. **patent:** PVPO. Cultivar. Seed.

PI 572287. *Lactuca sativa* L. ASTERACEAE Lettuce

Donated by: Central Valley Seeds, Inc., United States. Received
July 19, 1993.

origin: United States. **origin institute:** Central Valley
Seeds, Inc. United States. **cultivar:** CRISP & GREEN.
other id: PVP 9300254. **source:** Pending. **group:** PVPO.
patent: PVPO. Cultivar. Seed.

PI 572288. *Avena sativa* L. POACEAE Oat

Donated by: Arkansas County Seed Company, Inc., United States.
Received July 19, 1993.

origin: United States. **origin institute:** Arkansas County
Seed Company, Inc. United States. **cultivar:** 871. **other
id:** PVP 9300263. **source:** Pending. **group:** PVPO. **patent:**
PVPO. Cultivar. Seed.

PI 572289 to 572290. *Triticum aestivum* L., nom. cons. POACEAE Wheat

Donated by: Baker, C.A., Agricultural Research Service -- USDA, 1301
N. Western St., Stillwater, Oklahoma 74075, United States.
remarks: STARS-9302W, STARS-9303W; wheat germplasms. Received July
20, 1993.

PI 572289 to 572290-continued

PI 572289 **origin:** United States. **developed:** C.A. Baker, D.R. Porter, J.A. Webster. **origin institute:** Agricultural Research Service -- USDA, 1301 N. Western St., Stillwater, Oklahoma 74075 United States. **origin institute id:** STARS-9302W. **cultivar:** STARS-9302W. **pedigree:** Bobwhite/PI 149898. **other id:** GP-394. **group:** CSR-WHEAT. **restricted:** CSR. **remarks:** Hard red facultative wheat resistant to Russian wheat aphid (RWA) (*Diuraphis noxia*). F2:3 families were tested for RWA resistance. Homozygous resistant families were advanced and retested in the F4 and F5 generations. Composite of 21 homozygous resistant F6 lines. Approx. 80cm in height and heads in approx. 75 days under greenhouse growth conditions. Breeding Material. Seed.

PI 572290 **origin:** United States. **developed:** C.A. Baker, D.R. Porter, J.A. Webster. **origin institute:** Agricultural Research Service -- USDA, 1301 N. Western St., Stillwater, Oklahoma 74075 United States. **origin institute id:** STARS-9303W. **cultivar:** STARS-9303W. **pedigree:** Bobwhite/PI 149898. **other id:** GP-395. **group:** CSR-WHEAT. **restricted:** CSR. **remarks:** Hard red facultative wheat resistant to Russian wheat aphid (RWA) (*Diuraphis noxia*). F2:3 families were tested for RWA resistance. Homozygous resistant families were advanced and retested in the F4 and F5 generations. Composite of 13 homozygous resistant F6 lines. Variable for height and maturity, but on average 80cm tall and heads in approx. 90 days under greenhouse growth conditions. Breeding Material. Seed.

PI 572291. *Cucurbita maxima* Duchesne CUCURBITACEAE Winter squash

Donated by: Coyne, D.P., Nebraska Agr. Exp. Sta., University of Nebraska-Lincoln, Lincoln, Nebraska, United States. Received July 20, 1993.

origin: United States. **source history:** Donated to UNL by Mrs. Alice Graham, Ashland, NE. **cultivar:** LAKOTA. **pedigree:** Derived from selfing (S6) plants in a purported outcross population of a "squash landrace" (grown formerly by the Sioux Indians in western Nebraska) and a hubbard squash variety. **other id:** NE IS-88-12. **remarks:** Novel smooth thin-skinned small fruited (2.1 to 3.0 kg), early maturing (98-105 days) near-hubbard shaped winter squash. Most fruit exhibit different degrees of green and orange variegated patterns (most green with some orange) and with some fruit being solid green. Fruit shape similar to Improved Green. Flesh color deep yellow, approx. 3.8cm in thickness. Yield high. Vine spread 3-4cm. Favorable fruit baking quality and decorative value. Little fruit sunscald in injury observed in comparison with solid green fruited lines. Uninjured fruits store well. Winter Annual. Genetic Material. Seed.

PI 572292 to 572303. *Glycine max* (L.) Merr. FABACEAE Soybean

Donated by: Leffel, R.C., Agricultural Research Service -- USDA, Soybean and Alfalfa Res. Lab., PSI, Beltsville, Maryland 20705, United States. **remarks:** Six Pairs of BARC-11 Soybean Isolines, Fasciated vs. Normal. Received July 20, 1993.

PI 572292 **origin:** United States. **developed:** R.C. Leffel. **origin institute:** Agricultural Research Service -- USDA, Soybean and Alfalfa Res. Lab., PSI, Bldg. 011, HH-19, BARC-West, Beltsville, Maryland 20705 United States. **cultivar:** BARC-11-1-ff. **pedigree:** Hobbit x L79-351 (PI 83945-4 x Harosoy). **other id:** GS-18. **source:** Crop Sci. 34(1):321 1994. **group:** CSR-SOYBEAN. **restricted:** CSR. **remarks:** Near-isogenic line released to provide average effects of genes ff vs. FF in genetic and physiologic studies. Pubescence tawny. Seeds yellow with black hila. Plant maturity 32 d after Aug. 31. Plant height 71cm. Lodging score 4.2 (1=almost all plants erect to 5=almost all plants severely lodged). Seed quality score 1.7 (1=very good to 5=very poor). Seed weight 170mg seed-1. Seed yield 2708kg ha-1. Genetic Material. Seed.

PI 572293 **origin:** United States. **developed:** R.C. Leffel. **origin institute:** Agricultural Research Service -- USDA, Soybean and Alfalfa Res. Lab., PSI, Bldg. 011, HH-19, BARC-West, Beltsville, Maryland 20705 United States. **cultivar:** BARC-11-1-FF. **pedigree:** Hobbit x L79-351 (PI 83945-4 x Harosoy). **other id:** GS-19. **source:** Crop Sci. 34(1):321 1994. **group:** CSR-SOYBEAN. **restricted:** CSR. **remarks:** Near-isogenic line released to provide average effects of genes ff vs. FF in genetic and physiologic studies. Pubescence tawny. Seeds yellow with black hila. Plant maturity 27 d after Aug. 31. Plant height 58cm. Lodging score 1.6 (1=almost all plants erect to 5=almost all plants severely lodged). Seed quality score 1.4 (1=very good to 5=very poor). Seed weight 141mg seed⁻¹. Seed yield 3262kg ha⁻¹. Genetic Material. Seed.

PI 572294 **origin:** United States. **developed:** R.C. Leffel. **origin institute:** Agricultural Research Service -- USDA, Soybean and Alfalfa Res. Lab., PSI, Bldg. 011, HH-19, BARC-West, Beltsville, Maryland 20705 United States. **cultivar:** BARC-11-6-ff. **pedigree:** Hobbit x L79-355 (PI 83945-4 x Clark). **other id:** GS-20. **source:** Crop Sci. 34(1):321 1994. **group:** CSR-SOYBEAN. **restricted:** CSR. **remarks:** Near-isogenic line released to provide average effects of genes ff vs. FF in genetic and physiologic studies. Pubescence tawny. Seeds yellow with black hila. Plant maturity 31 d after Aug. 31. Plant height 74cm. Lodging score 4.6 (1=almost all plants erect to 5=almost all plants severely lodged). Seed quality score 2.4 (1=very good to 5=very poor). Seed weight 216mg seed⁻¹. Seed yield 2493kg ha⁻¹. Genetic Material. Seed.

PI 572295 **origin:** United States. **developed:** R.C. Leffel. **origin institute:** Agricultural Research Service -- USDA, Soybean and Alfalfa Res. Lab., PSI, Bldg. 011, HH-19, BARC-West, Beltsville, Maryland 20705 United States. **cultivar:** BARC-11-6-FF. **pedigree:** Hobbit x L79-355 (PI 83945-4 x Clark). **other id:** GS-21. **source:** Crop Sci. 34(1):321 1994. **group:** CSR-SOYBEAN. **restricted:** CSR. **remarks:** Near-isogenic line released to provide average effects of genes ff vs. FF in genetic and physiologic studies. Pubescence tawny. Seeds yellow with black hila. Plant maturity 27 d after Aug. 31. Plant height 51cm. Lodging score 1.2 (1=almost all plants erect to 5=almost all plants severely lodged). Seed quality score 2.0 (1=very good to 5=very poor). Seed weight 193mg seed⁻¹. Seed yield 3003kg ha⁻¹. Genetic Material. Seed.

PI 572292 to 572303-continued

- PI 572296 **origin:** United States. **developed:** R.C. Leffel. **origin institute:** Agricultural Research Service -- USDA, Soybean and Alfalfa Res. Lab., PSI, Bldg. 011, HH-19, BARC-West, Beltsville, Maryland 20705 United States. **cultivar:** BARC-11-11-ff. **pedigree:** Hobbit x L78-2205 (L67L113 x PI 243541). **other id:** GS-22. **source:** Crop Sci. 34(1):321 1994. **group:** CSR-SOYBEAN. **restricted:** CSR. **remarks:** Near-isogenic line released to provide average effects of genes ff vs. FF in genetic and physiologic studies. Pubescence tawny. Seeds yellow with black hila. Plant maturity 46 d after Aug. 31. Plant height 84cm. Lodging score 4.5 (1=almost all plants erect to 5=almost all plants severely lodged). Seed quality score 1.7 (1=very good to 5=very poor). Seed weight 171mg seed-1. Seed yield 1922kg ha-1. Genetic Material. Seed.
- PI 572297 **origin:** United States. **developed:** R.C. Leffel. **origin institute:** Agricultural Research Service -- USDA, Soybean and Alfalfa Res. Lab., PSI, Bldg. 011, HH-19, BARC-West, Beltsville, Maryland 20705 United States. **cultivar:** BARC-11-11-FF. **pedigree:** Hobbit x L78-2205 (L67L113 x PI 243541). **other id:** GS-23. **source:** Crop Sci. 34(1):321 1994. **group:** CSR-SOYBEAN. **restricted:** CSR. **remarks:** Near-isogenic line released to provide average effects of genes ff vs. FF in genetic and physiologic studies. Pubescence tawny. Seeds yellow with black hila. Plant maturity 42 d after Aug. 31. Plant height 86cm. Lodging score 2.5 (1=almost all plants erect to 5=almost all plants severely lodged). Seed quality score 1.4 (1=very good to 5=very poor). Seed weight 150mg seed-1. Seed yield 2620kg ha-1. Genetic Material. Seed.
- PI 572298 **origin:** United States. **developed:** R.C. Leffel. **origin institute:** Agricultural Research Service -- USDA, Soybean and Alfalfa Res. Lab., PSI, Bldg. 011, HH-19, BARC-West, Beltsville, Maryland 20705 United States. **cultivar:** BARC-11-16-ff. **pedigree:** Hobbit x L78-2246 (L67L113 x PI 243541). **other id:** GS-24. **source:** Crop Sci. 34(1):321 1994. **group:** CSR-SOYBEAN. **restricted:** CSR. **remarks:** Near-isogenic line released to provide average effects of genes ff vs. FF in genetic and physiologic studies. Pubescence tawny. Seeds yellow with black hila. Plant maturity 49 d after Aug. 31. Plant height 102cm. Lodging score 4.6 (1=almost all plants erect to 5=almost all plants severely lodged). Seed quality score 1.4 (1=very good to 5=very poor). Seed weight 177mg seed-1. Seed yield 1828kg ha-1. Genetic Material. Seed.

- PI 572299 **origin:** United States. **developed:** R.C. Leffel. **origin institute:** Agricultural Research Service -- USDA, Soybean and Alfalfa Res. Lab., PSI, Bldg. 011, HH-19, BARC-West, Beltsville, Maryland 20705 United States. **cultivar:** BARC-11-16-FF. **pedigree:** Hobbit x L78-2246 (L67L113 x PI 243541). **other id:** GS-25. **source:** Crop Sci. 34(1):321 1994. **group:** CSR-SOYBEAN. **restricted:** CSR. **remarks:** Near-isogenic line released to provide average effects of genes ff vs. FF in genetic and physiologic studies. Pubescence tawny. Seeds yellow with black hila. Plant maturity 46 d after Aug. 31. Plant height 91cm. Lodging score 2.7 (1=almost all plants erect to 5=almost all plants severely lodged). Seed quality score 1.2 (1=very good to 5=very poor). Seed weight 153mg seed-1. Seed yield 2741kg ha-1. Genetic Material. Seed.
- PI 572300 **origin:** United States. **developed:** R.C. Leffel. **origin institute:** Agricultural Research Service -- USDA, Soybean and Alfalfa Res. Lab., PSI, Bldg. 011, HH-19, BARC-West, Beltsville, Maryland 20705 United States. **cultivar:** BARC-11-21-ff. **pedigree:** Hobbit x L78-2206 (L67L113 x PI 243541). **other id:** GS-26. **source:** Crop Sci. 34(1):321 1994. **group:** CSR-SOYBEAN. **restricted:** CSR. **remarks:** Near-isogenic line released to provide average effects of genes ff vs. FF in genetic and physiologic studies. Pubescence tawny. Seeds yellow with black hila. Plant maturity 44 d after Aug. 31. Plant height 91cm. Lodging score 4.6 (1=almost all plants erect to 5=almost all plants severely lodged). Seed quality score 1.4 (1= very good to 5=very poor). Seed weight 137mg seed-1. Seed yield 2224kg ha-1. Genetic Material. Seed.
- PI 572301 **origin:** United States. **developed:** R.C. Leffel. **origin institute:** Agricultural Research Service -- USDA, Soybean and Alfalfa Res. Lab., PSI, Bldg. 011, HH-19, BARC-West, Beltsville, Maryland 20705 United States. **cultivar:** BARC-11-21-FF. **pedigree:** Hobbit x L78-2206 (L67L113 x PI 243541). **other id:** GS-27. **source:** Crop Sci. 34(1):321 1994. **group:** CSR-SOYBEAN. **restricted:** CSR. **remarks:** Near-isogenic line released to provide average effects of genes ff vs. FF in genetic and physiologic studies. Pubescence tawny. Seeds yellow with black hila. Plant maturity 41 d after Aug. 31. Plant height 81cm. Lodging score 2.2 (1=almost all plants erect to 5=almost all plants severely lodged). Seed quality score 1.2 (1=very good to 5=very poor). Seed weight 130mg seed-1. Seed yield 2694kg ha-1. Genetic Material. Seed.

PI 572292 to 572303-continued

PI 572302 **origin:** United States. **developed:** R.C. Leffel. **origin institute:** Agricultural Research Service -- USDA, Soybean and Alfalfa Res. Lab., PSI, Bldg. 011, HH-19, BARC-West, Beltsville, Maryland 20705 United States. **cultivar:** BARC-11-26-ff. **pedigree:** Hobbit x L78-2252 (L67L113 x PI 243541). **other id:** GS-28. **source:** Crop Sci. 34(1):321 1994. **group:** CSR-SOYBEAN. **restricted:** CSR. **remarks:** Near-isogenic line released to provide average effects of genes ff vs. FF in genetic and physiologic studies. Pubescence tawny. Seeds yellow with black hila. Plant maturity 44 d after Aug. 31. Plant height 79cm. Lodging score 4.5 (1=almost all plants erect to 5=almost all plants severely lodged). Seed quality score 1.6 (1=very good to 5=very poor). Seed weight 145mg seed-1. Seed yield 2170kg ha-1. Genetic Material. Seed.

PI 572303 **origin:** United States. **developed:** R.C. Leffel. **origin institute:** Agricultural Research Service -- USDA, Soybean and Alfalfa Res. Lab., PSI, Bldg. 011, HH-19, BARC-West, Beltsville, Maryland 20705 United States. **cultivar:** BARC-11-26-FF. **pedigree:** Hobbit x L78-2252 (L67L113 x PI 243541). **other id:** GS-29. **source:** Crop Sci. 34(1):321 1994. **group:** CSR-SOYBEAN. **restricted:** CSR. **remarks:** Near-isogenic line released to provide average effects of genes ff vs. FF in genetic and physiologic studies. Pubescence tawny. Seeds yellow with black hila. Plant maturity 42 d after Aug. 31. Plant height 79cm. Lodging score 2.0 (1=almost all plants erect to 5=almost all plants severely lodged). Seed quality score 1.3 (1=very good to 5=very poor). Seed weight 134mg seed-1. Seed yield 2594kg ha-1. Genetic Material. Seed.

PI 572304. Cynodon hybrid POACEAE

Donated by: Pair, J.C., Kansas Agr. Exp. Sta., Kansas State University Res. Found., Wichita, Kansas 67233, United States; and Oklahoma Agr. Exp. Sta.. **remarks:** Midlawn Bermudagrass. Received July 20, 1993.

origin: United States. **developed:** J.C. Pair, R.A. Keen, C.M. Taliaferro, D.L. Martin, J.F. Barber, R.N. Carrow.
origin institute: Kansas Agr. Exp. Sta., Kansas State University, Hort. Res. Ctr., 1901 E. 95th South, Wichita, Kansas 67233 United States. **cultivar:** MIDLAWN.
pedigree: *Cynodon dactylon* x *C. transvaalensis*. **other id:** CV-22. **source:** Crop Sci. 34(1):306 1994. **group:** CSR-BERMUDAGRASS. **restricted:** CSR. **remarks:** Interspecific, sterile hybrid, warm season, perennial sod forming turfgrass with slender underground rhizomes and prostrate, slow spreading surface stolons. Growth habit decumbent with maximum height of less than 6 inches (15.24 cm). Excellent hardiness, sod strength and density, dark green color and fine texture. Inflorescences are infrequent and no viable seed are produced; therefore vegetatively propagated. Less aggressive nature makes ideally suited for use on golf course fairways and home lawns, showing good tolerance to Spring Dead Spot (*Ophiosphaerella herpotricha*). Perennial. Cultivar. Plant.

PI 572305. *Cynodon* hybrid POACEAE

Donated by: Pair, J.C., Kansas Agr. Exp. Sta., Kansas State University Res. Found., Wichita, Kansas 67233, United States; and Oklahoma Agr. Exp. Sta.. **remarks:** Midfield Bermudagrass. Received July 20, 1993.

origin: United States. **developed:** J.C. Pair, R.A. Keen, C.M. Taliaferro, D.L. Martin, J.F. Barber, R.N. Carrow.
origin institute: Kansas Agr. Exp. Sta., Kansas State University, Hort. Res. Ctr., 1901 E. 95th South, Wichita, Kansas 67233 United States. **cultivar:** MIDFIELD.
pedigree: *Cynodon dactylon* x *C. transvaalensis*. **other id:** CV-23. **source:** Crop Sci. 34(1):307 1994. **group:** CSR-BERMUDAGRASS. **restricted:** CSR. **remarks:** Interspecific, sterile hybrid, warm season, perennial sod forming turfgrass with vigorous, underground rhizomes and aggressive, surface stolons. Growth habit decumbent, medium to fine texture with hardiness to -20 deg. F and excellent sod strength. Inflorescences infrequent and no viable seed are produced; therefore vegetatively propagated. Aggressive nature and recuperative potential make ideally suited for use on sports fields. In comparative tests, shown good tolerance to Spring Dead Spot (*Ophiosphaerella herpotricha*). Perennial. Cultivar. Plant.

PI 572306. *Pennisetum glaucum* (L.) R. Br. POACEAE Pearl millet

Donated by: Talukdar, B.S., ICRISAT, Cereals Program, Patancheru, Andhra Pradesh 502 324, India; and Nebraska Agr. Exp. Sta..
remarks: ICMP 423 PEARL MILLET. Received July 21, 1993.

origin: India. **developed:** K.N. Rai, B.S. Talukdar, S.D. Singh, A.S. Rao, A.M. Rao, B.P. Reddy, D.J. Andrews.
origin institute: ICRISAT, Cereals Program, Patancheru, Andhra Pradesh 502 324 India. **cultivar:** ICMP 423.
pedigree: S2 progeny of the C1 cycle bulk of the Early Composite (EC) at ICRISAT, Patancheru, India. Five generations of pedigree and pedigree bulk breeding was applied to this S2 progeny. **other id:** EC 221-1. **other id:** PL-22. **group:** CSR-MILLET, PEARL. **restricted:** CSR.
remarks: Restorer line of pearl millet single cross grain hybrid cv. ICMH 423. Height medium (147cm), 3-7 tillers per plant. Flowers in 49-57 days. Panicles compact, candle-shaped and short (16-17cm) with purple glumes. Grains medium-sized (7.5g 1000-1), globular to obovate in shape, and slate-gray in color. Showed better downy mildew resistance (mean 4% and range 0-23%) compared with check P7 (mean 7% and range 0-49%) across 11 disease nurseries in India and Africa and recorded mean yield of 1715kg ha⁻¹ at Patancheru. Breeding Material. Seed.

PI 572307. *Pennisetum glaucum* (L.) R. Br. POACEAE Pearl millet

Donated by: Rai, K.N., ICRISAT, Cereals Program, Patancheru, Andhra Pradesh 502 324, India. Received July 21, 1993.

origin: India. **cultivar:** ICMP 451. **pedigree:** Eight generations of selfing and pedigree + pedigree bulk breeding in a full-sib progeny of the ICRISAT Late Composite. **other id:** LCSN-72. **remarks:** Restorer parent of a high yielding single-cross grain hybrid. Tall (1.7m) inbred line of mid-late maturity (87 d). Resistant to downy mildew (*Sclerospora graminicola*). Leaves broad, stem medium-thick, panicles semi-compact, mostly bristled and candle-shaped, which become loose towards the tip. Anthers yellowish at emergence and change to brick color after anthesis. Seed medium sized (8-9g 1000-1), globular in shape and gray in color. Annual. Breeding Material. Seed.

PI 572308. *Pennisetum glaucum* (L.) R. Br. POACEAE Pearl millet

Donated by: Raj, A.G.B., Int. Crp. Res Inst. for Semi-Arid Trop., (ICRISAT) Cereals Program, Patancheru, Andhra Pradesh 502 324, India. **remarks:** ICMV 155 Pearl Millet. Received July 21, 1993.

origin: India. **developed:** P. Singh, A.G.B. Raj, M.N.V.R. Rao, J.R. Witcombe. **origin institute:** Int. Crp. Res. Inst. for Semi-Arid Trop., (ICRISAT) Cereals Program, Patancheru, Andhra Pradesh India. **cultivar:** ICMV 155. **pedigree:** Random mating and mass selection in progeny of 59 selfed spaced plants, of the C4 cycle bulk of the ICRISAT New Elite Composite. **other id:** MP 155. **other id:** ICMV 84400. **other id:** ICMV-F 84400. **other id:** CV-5. **group:** CSR-MILLET, PEARL. **restricted:** CSR. **remarks:** Stems normally thick. Leaves many and two to four tillers. Panicles long, compact to semi-compact, cylindrical, nonbristled, and can have bent tips. Glumes mostly nonpigmented. Anther color cream to yellow. Grain globular to slightly ovate, light gray to slate gray in color, and medium size (8-10g 1000-1). Plants flower in 48-60 days, mature 80-100 days, and have good resistance to South Asian downy mildew (*Sclerospora graminicola*) strains. Less affected than hybrids by ergot and smut. Visually selected for grain yield & plant type at Patancheru 1984 rainy season. Spring Annual. Cultivar. Seed.

PI 572309 to 572310. *Loropetalum chinense* var. *rubrum* Yieh
HAMAMELIDACEAE

Donated by: March, S.G., U.S. National Arboretum, Washington, D.C., United States. Received July 21, 1993.

PI 572309 **donor id:** NA 62904. **origin:** Japan. **source history:** Nihonkaki Corporation, a large nursery specializing in unusual plant material in Kawaguchi City, Saitama Prefecture. **cultivar:** Blush. **collected:** September 1989. **remarks:** Flowers produced in clusters of 5 to 10. Each flower has 4 strap-like petals measuring 2.5mm wide to 27mm long which are red-purple (RHS 67B). Leaves coriaceous, to 6cm long and to 4cm wide with margin ciliate, apex acute, and base obtuse and oblique. Young leaf color greyed-purple (RHS 183A), mature leaf color green (RHS 137A). Prefer slightly acid, peaty soil with ample moisture in full sun to partial shade. Hardiness range USDA Zones 7 to 9, being more evergreen in warmer regions. Propagates easily from soft wood cuttings. Ideally suited for home landscape. Cultivar. Plant.

PI 572309 to 572310-continued

PI 572310 **donor id:** NA 62905. **origin:** Japan. **source history:** Nihonkaki Corporation, a large nursery specializing in unusual plant material in Kawaguchi City, Saitama Prefecture. **cultivar:** Burgundy. **collected:** September 1989. **remarks:** Flowers produced in clusters of 4 to 7. Each flower has 4 strap-like petals 2.5mm wide to 30mm long which are red-purple (RHS 61B). Leaves coriaceous, 3cm to 5.5cm long and to 2.75cm wide with margin ciliate, apex acute, base obtuse and oblique. Young leaf color greyed-purple (RHS 187A), mature leaf color yellow-green (RHS 147A). Prefer slightly acid, peaty soil with ample moisture in full sun to partial shade. Hardiness range USDA Zones 7 to 9, being more evergreen in warmer regions. Propagates easily from soft wood cuttings. Ideally suited for home landscape. Cultivar. Plant.

PI 572311 to 572339. *Lens ervoides* (Brign.) Grande FABACEAE

Donated by: Hoffman, D., Washington State University, Grain Legumes & Physiology Research, Johnson Hall, Pullman, Washington 99164-6421, United States. Received January 01, 1986.

PI 572311 **donor id:** Hoffman # 100. **origin:** Turkey. **collector:** Gideon Ladizinsky, Dogan Sakar. **collector id:** km 18805. **other id:** W6 3168. **group:** W6. **locality:** Finicke. Wild. Seed.

PI 572312 **donor id:** Hoffman # 101. **origin:** Turkey. **collector:** Gideon Ladizinsky, Dogan Sakar. **collector id:** km 19410. **other id:** W6 3169. **group:** W6. **locality:** Anamur. Wild. Seed.

PI 572313 **donor id:** Hoffman # 102. **origin:** Turkey. **collector:** Gideon Ladizinsky, Dogan Sakar. **collector id:** km 19429. **other id:** W6 3170. **group:** W6. **locality:** Anamur. Wild. Seed.

PI 572314 **donor id:** Hoffman # 103. **origin:** Turkey. **collector:** Gideon Ladizinsky, Dogan Sakar. **collector id:** km 19471. **other id:** W6 3171. **group:** W6. **locality:** Gulnar. Wild. Seed.

PI 572315 **donor id:** Hoffman # 104. **origin:** Turkey. **collector:** Gideon Ladizinsky, Dogan Sakar. **collector id:** km 19504. **other id:** W6 3172. **group:** W6. **locality:** Gulnar. Wild. Seed.

PI 572316 **donor id:** Hoffman # 12. **origin:** Russian Federation. **collector:** Lehman. **other id:** W6 3173. **group:** W6. **other id:** B-45. **locality:** Krim, Nikita, Gart, Jalta. Wild. Seed.

PI 572311 to 572339-continued

- PI 572317 donor id: Hoffman # 35. origin: Italy. collector: Gideon Ladizinsky. collector id: Ladizinsky 78. other id: W6 3174. group: W6. locality: Massafra. Wild. Seed.
- PI 572318 donor id: Hoffman # 36. origin: Yugoslavia. collector: Gideon Ladizinsky. collector id: Ladizinsky 79. other id: W6 3175. group: W6. locality: Karlovac. Wild. Seed.
- PI 572319 donor id: Hoffman # 37. origin: Yugoslavia. collector: Gideon Ladizinsky. collector id: Ladizinsky 80. other id: W6 3176. group: W6. locality: Triberij. Wild. Seed.
- PI 572320 donor id: Hoffman # 38. origin: Yugoslavia. collector: Gideon Ladizinsky. collector id: Ladizinsky 81. other id: W6 3177. group: W6. locality: Omis. Wild. Seed.
- PI 572321 donor id: Hoffman # 39. origin: Yugoslavia. collector: Gideon Ladizinsky. collector id: Ladizinsky 83. other id: W6 3178. group: W6. locality: Baska Voda. Wild. Seed.
- PI 572322 donor id: Hoffman # 40. origin: Yugoslavia. collector: Gideon Ladizinsky. collector id: Ladizinsky 85. other id: W6 3179. group: W6. locality: Makarska. Wild. Seed.
- PI 572323 donor id: Hoffman # 41. origin: Yugoslavia. collector: Gideon Ladizinsky. collector id: Ladizinsky 86. other id: W6 3180. group: W6. locality: Drevnik. Wild. Seed.
- PI 572324 donor id: Hoffman # 42. origin: Yugoslavia. collector: Gideon Ladizinsky. collector id: Ladizinsky 87. other id: W6 3181. group: W6. locality: Dubrovnik. Wild. Seed.
- PI 572325 donor id: Hoffman # 43. origin: Yugoslavia. collector: Gideon Ladizinsky. collector id: Ladizinsky 88. other id: W6 3182. group: W6. locality: Dubrovnik. Wild. Seed.
- PI 572326 donor id: Hoffman # 44. origin: Yugoslavia. collector: Gideon Ladizinsky. collector id: Ladizinsky 89. other id: W6 3183. group: W6. locality: Risan. Wild. Seed.
- PI 572327 donor id: Hoffman # 45. origin: Yugoslavia. collector: Gideon Ladizinsky. collector id: Ladizinsky 91. other id: W6 3184. group: W6. locality: Kotoz. Wild. Seed.

PI 572311 to 572339-continued

- PI 572328 donor id: Hoffman # 46. origin: Yugoslavia. collector: Gideon Ladizinsky. collector id: Ladizinsky 92. other id: W6 3185. group: W6. locality: Mostar. Wild. Seed.
- PI 572329 donor id: Hoffman # 52. origin: Israel. collector: Gideon Ladizinsky. collector id: Ladizinsky 28. other id: W6 3186. group: W6. locality: Sha-Hagay. Wild. Seed.
- PI 572330 donor id: Hoffman # 53. origin: Israel. collector: Gideon Ladizinsky. collector id: Ladizinsky 30. other id: W6 3187. group: W6. locality: Beitoren Area. Wild. Seed.
- PI 572331 donor id: Hoffman # 54. origin: Israel. collector: Gideon Ladizinsky. collector id: Ladizinsky 32. other id: W6 3188. group: W6. locality: Yechiam. Wild. Seed.
- PI 572332 donor id: Hoffman # 8. origin: Turkey. collector: ICARDA. other id: W6 3189. group: W6. other id: NEWL-2. group: ICARDA. Wild. Seed.
- PI 572333 donor id: Hoffman # 85. origin: Turkey. collected: May 25, 1981. collector: Gideon Ladizinsky, Dogan Sakar. collector id: km 18644. other id: W6 3190. group: W6. locality: Langume Forest. Wild. Seed.
- PI 572334 donor id: Hoffman # 86. origin: Turkey. collected: May 29, 1929. collector: Gideon Ladizinsky, Dogan Sakar. collector id: km 19852. other id: W6 3191. group: W6. locality: Between Kozan and Feke. Wild. Seed.
- PI 572335 donor id: Hoffman # 87. origin: Turkey. collected: May 31, 1981. collector: Gideon Ladizinsky, Dogan Sakar. collector id: km 20296. other id: W6 3192. group: W6. Wild. Seed.
- PI 572336 donor id: Hoffman # 95. origin: Turkey. collector: Gideon Ladizinsky, Dogan Sakar. collector id: km 17814. other id: W6 3193. group: W6. locality: Kemal Pasa. Wild. Seed.
- PI 572337 donor id: Hoffman # 97. origin: Turkey. collector: Gideon Ladizinsky, Dogan Sakar. collector id: km 17979. other id: W6 3195. group: W6. Wild. Seed.
- PI 572338 donor id: Hoffman # 98. origin: Turkey. collector: Gideon Ladizinsky, Dogan Sakar. collector id: km 18645. other id: W6 3196. group: W6. locality: Langume Forest. Wild. Seed.

PI 572311 to 572339-continued

PI 572339 **donor id:** Hoffman # 99. **origin:** Turkey. **collector:** Gideon Ladizinsky, Dogan Sakar. **collector id:** km 18801. **other id:** W6 3197. **group:** W6. **locality:** Finicke. Wild. Seed.

PI 572340 to 572359. *Lens nigricans* (M. Bieb.) Godron FABACEAE

Donated by: Hoffman, D., Washington State University, Grain Legumes & Physiology Research, Johnson Hall, Pullman, Washington 99164-6421, United States. Received January 01, 1986.

PI 572340 **donor id:** Hoffman # 13. **origin:** Italy. **collector:** Fred J. Muehlbauer. **other id:** W6 3200. **group:** W6. **locality:** Livorno. Wild. Seed.

PI 572341 **donor id:** Hoffman # 14. **origin:** France. **collector:** Fred J. Muehlbauer. **other id:** W6 3201. **group:** W6. **locality:** Mt. Faron, near Toulon. Wild. Seed.

PI 572342 **donor id:** Hoffman # 15. **origin:** France. **collector:** Fred J. Muehlbauer. **other id:** W6 3202. **group:** W6. **locality:** Fontaine de Vaucaluse. Wild. Seed.

PI 572343 **donor id:** Hoffman # 16. **origin:** France. **collector:** Fred J. Muehlbauer. **other id:** W6 3203. **group:** W6. **locality:** Rodes. Wild. Seed.

PI 572344 **donor id:** Hoffman # 18. **origin:** Spain. **collector:** Fred J. Muehlbauer. **other id:** W6 3205. **group:** W6. Wild. Seed.

PI 572345 **donor id:** Hoffman # 21. **origin:** Italy. **collector:** Gideon Ladizinsky. **collector id:** Ladizinsky 59. **other id:** W6 3208. **group:** W6. **locality:** Massafra. Wild. Seed.

PI 572346 **donor id:** Hoffman # 22. **origin:** Italy. **collector:** Gideon Ladizinsky. **collector id:** Ladizinsky 61. **other id:** W6 3209. **group:** W6. **locality:** Susa. Wild. Seed.

PI 572347 **donor id:** Hoffman # 23. **origin:** Yugoslavia. **collector:** Gideon Ladizinsky. **collector id:** Ladizinsky 62. **other id:** W6 3210. **group:** W6. **locality:** Biograd. Wild. Seed.

PI 572348 **donor id:** Hoffman # 24. **origin:** Yugoslavia. **collector:** Gideon Ladizinsky. **collector id:** Ladizinsky 63. **other id:** W6 3211. **group:** W6. **locality:** Primostan. Wild. Seed.

PI 572340 to 572359-continued

- PI 572349 donor id: Hoffman # 25. origin: Yugoslavia. collector: Gideon Ladizinsky. collector id: Ladizinsky 64. other id: W6 3212. group: W6. locality: Baska Voda. Wild. Seed.
- PI 572350 donor id: Hoffman # 26. origin: Yugoslavia. collector: Gideon Ladizinsky. collector id: Ladizinsky 65. other id: W6 3213. group: W6. locality: Makarska. Wild. Seed.
- PI 572351 donor id: Hoffman # 27. origin: Yugoslavia. collector: Gideon Ladizinsky. collector id: Ladizinsky 66. other id: W6 3214. group: W6. locality: Mostar. Wild. Seed.
- PI 572352 donor id: Hoffman # 28. origin: France. collector: Gideon Ladizinsky. collector id: Ladizinsky 67. other id: W6 3215. group: W6. locality: Tende. Wild. Seed.
- PI 572353 donor id: Hoffman # 29. origin: Spain. collector: Gideon Ladizinsky. collector id: Ladizinsky 73. other id: W6 3216. group: W6. locality: Jativa. Wild. Seed.
- PI 572354 donor id: Hoffman # 30. origin: Spain. collector: Gideon Ladizinsky. collector id: Ladizinsky 74. other id: W6 3217. group: W6. locality: Seron. Wild. Seed.
- PI 572355 donor id: Hoffman # 31. origin: Spain. collector: Gideon Ladizinsky. collector id: Ladizinsky 75. other id: W6 3218. group: W6. locality: Seron. Wild. Seed.
- PI 572356 donor id: Hoffman # 32. origin: Spain. collector: Gideon Ladizinsky. collector id: Ladizinsky 76. other id: W6 3219. group: W6. locality: Seron. Wild. Seed.
- PI 572357 donor id: Hoffman # 33. origin: Spain. collector: Gideon Ladizinsky. collector id: Ladizinsky 77. other id: W6 3220. group: W6. locality: Hazeldel Lino. Wild. Seed.
- PI 572358 donor id: Hoffman # 34. origin: Russian Federation. other id: W6 3221. group: W6. other id: Saskatoon-11. locality: Krim, Nikita, Gort, Jalta. Wild. Seed.
- PI 572359 donor id: Hoffman # 93. origin: Turkey. collector: Gideon Ladizinsky, Dogan Sakar. collector id: km 17906. other id: W6 3224. group: W6. Wild. Seed.

PI 572360 to 572364. *Lens odemensis* Ladiz. FABACEAE

Donated by: Hoffman, D., Washington State University, Grain Legumes & Physiology Research, Johnson Hall, Pullman, Washington 99164-6421, United States. Received January 01, 1986.

PI 572360 **donor id:** Hoffman # 19. **origin:** Israel. **collector:** Gideon Ladizinsky. **collector id:** Ladizinsky 36. **other id:** W6 3206. **group:** W6. Wild. Seed.

PI 572361 **donor id:** Hoffman # 20. **origin:** Israel. **collector:** Gideon Ladizinsky. **collector id:** Ladizinsky 37. **other id:** W6 3207. **group:** W6. Wild. Seed.

PI 572362 **donor id:** Hoffman # 51. **origin:** UNKNOWN. **collector:** ?. **other id:** W6 3222. **group:** W6. **other id:** Saskatoon-10. Wild. Seed.

PI 572363 **donor id:** Hoffman # 84. **origin:** Turkey. **collected:** May 24, 1981. **collector:** Gideon Ladizinsky, Dogan Sakar. **collector id:** km 17984. **other id:** W6 3223. **group:** W6. **locality:** Between Odemis and Nazilli. Wild. Seed.

PI 572364 **donor id:** Hoffman # 94. **origin:** Turkey. **collector:** Gideon Ladizinsky, Dogan Sakar. **collector id:** km 17982. **other id:** W6 3225. **group:** W6. **locality:** Beydag. Wild. Seed.

PI 572365 to 572406. *Lens orientalis* (Boiss.) Hand.-Mazz. FABACEAE

Donated by: Hoffman, D., Washington State University, Grain Legumes & Physiology Research, Johnson Hall, Pullman, Washington 99164-6421, United States. Received January 01, 1986.

PI 572365 **donor id:** Hoffman # 1. **origin:** Cyprus. **collector:** ICARDA. **other id:** W6 3226. **group:** W6. **other id:** NEWL-1. **group:** ICARDA. Wild. Seed.

PI 572366 **donor id:** Hoffman # 10. **origin:** Turkey. **collector:** ICARDA. **other id:** W6 3227. **group:** W6. **other id:** NEWL-6. **group:** ICARDA. Wild. Seed.

PI 572367 **donor id:** Hoffman # 11. **origin:** Turkey. **collector:** ICARDA. **other id:** W6 3228. **group:** W6. **other id:** NEWL-7. **group:** ICARDA. Wild. Seed.

PI 572368 **donor id:** Hoffman # 2. **origin:** Turkey. **collector:** ICARDA. **other id:** W6 3229. **group:** W6. **other id:** NEWL-4. **group:** ICARDA. Wild. Seed.

PI 572369 **donor id:** Hoffman # 3. **origin:** Czechoslovakia. **collector:** Lehman. **other id:** W6 3230. **group:** W6. **other id:** 166. **locality:** Temnice. Wild. Seed.

PI 572365 to 572406-continued

- PI 572370 donor id: Hoffman # 4. origin: Uzbekistan. collector: Gideon Ladizinsky. collector id: Ladizinsky 40. other id: W6 3231. group: W6. Wild. Seed.
- PI 572371 donor id: Hoffman # 47. origin: Israel. collector: Gideon Ladizinsky. collector id: Ladizinsky 22. other id: W6 3232. group: W6. locality: 15km SW of Jerusalem. Wild. Seed.
- PI 572372 donor id: Hoffman # 48. origin: Israel. collector: Gideon Ladizinsky. collector id: Ladizinsky 23. other id: W6 3233. group: W6. locality: 1km West of Jerusalem. Wild. Seed.
- PI 572373 donor id: Hoffman # 49. origin: Israel. collector: Gideon Ladizinsky. collector id: Ladizinsky 24. other id: W6 3234. group: W6. locality: Jerusalem. Wild. Seed.
- PI 572374 donor id: Hoffman # 5. origin: Iran. collector: Gideon Ladizinsky. collector id: Ladizinsky 41. other id: W6 3235. group: W6. Wild. Seed.
- PI 572375 donor id: Hoffman # 50. origin: Israel. collector: Gideon Ladizinsky. collector id: Ladizinsky 26. other id: W6 3236. group: W6. Wild. Seed.
- PI 572376 donor id: Hoffman # 55. origin: Turkey. collected: May 24, 1981. collector: Gideon Ladizinsky, Dogan Sakar. collector id: km 18179. other id: W6 3237. group: W6. locality: Between Denizli and Tavas. Wild. Seed.
- PI 572377 donor id: Hoffman # 56. origin: Turkey. collected: May 24, 1981. collector: Gideon Ladizinsky, Dogan Sakar. collector id: km 18179. other id: W6 3238. group: W6. locality: Between Denizli and Tavas. Wild. Seed.
- PI 572378 donor id: Hoffman # 57. origin: Turkey. collector: Gideon Ladizinsky, Dogan Sakar. collector id: km 18645. other id: W6 3239. group: W6. locality: Langume Forest. Wild. Seed.
- PI 572379 donor id: Hoffman # 59. origin: Turkey. collector: Gideon Ladizinsky, Dogan Sakar. collector id: km 18914. other id: W6 3241. group: W6. locality: Korbuteli. Wild. Seed.
- PI 572380 donor id: Hoffman # 6. origin: Iran. collector: Gideon Ladizinsky. collector id: Ladizinsky 42. other id: W6 3242. group: W6. Wild. Seed.

PI 572365 to 572406-continued

- PI 572381 donor id: Hoffman # 60. origin: Turkey. collected: May 28, 1981. collector: Gideon Ladizinsky, Dogan Sakar. collector id: km 19588. other id: W6 3243. group: W6. locality: Uzancaburg. Wild. Seed.
- PI 572382 donor id: Hoffman # 61. origin: Turkey. collected: May 29, 1981. collector: Gideon Ladizinsky, Dogan Sakar. collector id: km 20087. other id: W6 3244. group: W6. locality: Iskenderum. Wild. Seed.
- PI 572383 donor id: Hoffman # 62. origin: Turkey. collected: May 30, 1981. collector: Gideon Ladizinsky, Dogan Sakar. collector id: km 20307. other id: W6 3245. group: W6. Wild. Seed.
- PI 572384 donor id: Hoffman # 63. origin: Turkey. collected: May 30, 1981. collector: Gideon Ladizinsky, Dogan Sakar. collector id: km 20338. other id: W6 3246. group: W6. Wild. Seed.
- PI 572385 donor id: Hoffman # 64. origin: Turkey. collected: May 31, 1981. collector: Gideon Ladizinsky, Dogan Sakar. other id: W6 3247. group: W6. locality: Karatay. Wild. Seed.
- PI 572386 donor id: Hoffman # 65. origin: Turkey. collector: Gideon Ladizinsky, Dogan Sakar. collector id: km 20518. other id: W6 3248. group: W6. locality: Between Maraj and Adijoman. Wild. Seed.
- PI 572387 donor id: Hoffman # 66. origin: Turkey. collected: June 01, 1981. collector: Gideon Ladizinsky, Dogan Sakar. other id: W6 3249. group: W6. locality: Between Nemrut and Dagi, lower elevation than the Adel mountain. Wild. Seed.
- PI 572388 donor id: Hoffman # 67. origin: Turkey. collected: June 01, 1981. collector: Gideon Ladizinsky, Dogan Sakar. other id: W6 3250. group: W6. locality: Adiyaman around Mt. Hotel, between Nemrut and Dagi. Wild. Seed.
- PI 572389 donor id: Hoffman # 68. origin: Turkey. collected: June 02, 1981. collector: Gideon Ladizinsky, Dogan Sakar. collector id: km 20932. other id: W6 3251. group: W6. Wild. Seed.
- PI 572390 donor id: Hoffman # 69. origin: Turkey. collected: June 02, 1981. collector: Gideon Ladizinsky, Dogan Sakar. collector id: km 20950. other id: W6 3252. group: W6. Wild. Seed.

PI 572365 to 572406-continued

- PI 572391 donor id: Hoffman # 7. origin: Cyprus. collector: Gideon Ladizinsky. collector id: Ladizinsky 45. other id: W6 3253. group: W6. Wild. Seed.
- PI 572392 donor id: Hoffman # 70. origin: Turkey. collected: June 02, 1981. collector: Gideon Ladizinsky, Dogan Sakar. collector id: km 20972. other id: W6 3254. group: W6. Wild. Seed.
- PI 572393 donor id: Hoffman # 71. origin: Turkey. collected: June 02, 1981. collector: Gideon Ladizinsky, Dogan Sakar. collector id: km 21016. other id: W6 3255. group: W6. locality: Midjat. Wild. Seed.
- PI 572394 donor id: Hoffman # 72. origin: Turkey. collector: Gideon Ladizinsky, Dogan Sakar. collector id: km 21055. other id: W6 3256. group: W6. locality: Between Midjat and Gercus. Wild. Seed.
- PI 572395 donor id: Hoffman # 73. origin: Turkey. collected: June 03, 1981. collector: Gideon Ladizinsky, Dogan Sakar. collector id: km 21238. other id: W6 3257. group: W6. locality: Between Siirt and Bitlis. Wild. Seed.
- PI 572396 donor id: Hoffman # 74. origin: Turkey. collector: Gideon Ladizinsky, Dogan Sakar. collector id: km 21668. other id: W6 3258. group: W6. Wild. Seed.
- PI 572397 donor id: Hoffman # 76. origin: Turkey. collected: June 05, 1981. collector: Gideon Ladizinsky, Dogan Sakar. other id: W6 3260. group: W6. Wild. Seed.
- PI 572398 donor id: Hoffman # 77. origin: Turkey. collector: Gideon Ladizinsky, Dogan Sakar. collector id: km 22267. other id: W6 3261. group: W6. locality: Near Tokat and Asmaya. Wild. Seed.
- PI 572399 donor id: Hoffman # 78. origin: Turkey. collector: Gideon Ladizinsky, Dogan Sakar. collector id: km 22559. other id: W6 3262. group: W6. locality: Sorum. Wild. Seed.
- PI 572400 donor id: Hoffman # 79. origin: Turkey. collected: June 05, 1981. collector id: km 22624. other id: W6 3263. group: W6. locality: Between Sorum and Ankana. Wild. Seed.
- PI 572401 donor id: Hoffman # 80. origin: Turkey. collector: Gideon Ladizinsky, Dogan Sakar. collector id: km 20989. other id: W6 3264. group: W6. locality: Between Mardin and Midyat. Wild. Seed.

PI 572365 to 572406-continued

- PI 572402 **donor id:** Hoffman # 82. **origin:** Turkey. **collected:** May 31, 1981. **collector:** Gideon Ladizinsky, Dogan Sakar. **collector id:** km 20568. **other id:** W6 3266. **group:** W6. **other id:** 20568. Wild. Seed.
- PI 572403 **donor id:** Hoffman # 83. **origin:** Turkey. **collector:** Gideon Ladizinsky, Dogan Sakar. **collector id:** km 20440. **other id:** W6 3267. **group:** W6. Wild. Seed.
- PI 572404 **donor id:** Hoffman # 9. **origin:** Turkey. **collector:** ICARDA. **other id:** W6 3268. **group:** W6. **other id:** NEWL-3. **group:** ICARDA. Wild. Seed.
- PI 572405 **donor id:** Hoffman # 90. **origin:** Turkey. **collector:** Gideon Ladizinsky, Dogan Sakar. **collector id:** km 18813. **other id:** W6 3269. **group:** W6. **locality:** Kaj Emoli. Wild. Seed.
- PI 572406 **donor id:** Hoffman # 92. **origin:** Turkey. **collector:** Gideon Ladizinsky, Dogan Sakar. **collector id:** km 19504. **other id:** W6 3271. **group:** W6. **locality:** Gulmar. Wild. Seed.

PI 572407 to 572411. *Cicer arietinum* L. FABACEAE

Donated by: Kaiser, W.J., Western Regional P.I. Station, Washington State University, Pullman, Washington 99164, United States. Received July 01, 1987.

- PI 572407 **origin:** Spain. **cultivar:** DEL PAIS. **collected:** May 25, 1987. **collector:** W.J. Kaiser. **collector id:** 870525-13. **other id:** WKS 33. **other id:** W6 11953. **group:** W6. **locality:** Seed obtained from Miluma, S.A., distributor of seeds in Canete de las Torres, Cordoba Province. Seed grown in vicinity of Canete de las Torres. **elevation:** 200m. Cultivar. Seed.
- PI 572408 **origin:** Spain. **cultivar:** VENOSO ANDALUZ. **collected:** May 25, 1987. **collector:** W.J. Kaiser. **collector id:** 870525-19. **other id:** WKS 39. **other id:** W6 11954. **group:** W6. **locality:** Seed obtained from Servicio de Extension Agraria, Cordoba, Cordoba Province. Seeds grown by farmers in province. Cultivar. Seed.
- PI 572409 **origin:** Spain. **cultivar:** CHATO MADRILENO. **collected:** May 25, 1987. **collector:** W.J. Kaiser. **collector id:** 870525-20. **other id:** WKS 40. **other id:** W6 11955. **group:** W6. **locality:** Seed obtained from Servicio de Extension Agraria, Cordoba, Cordoba Province. Seeds grown by farmers in province. Cultivar. Seed.

PI 572407 to 572411-continued

PI 572410 **origin:** Spain. **cultivar:** MEJICANO. **collected:** May 02, 1907. **collector:** W.J. Kaiser. **collector id:** 870527-03. **other id:** WKS 48. **other id:** W6 11956. **group:** W6. **locality:** Servicio de Investigaciones Agrarias station, El Rancho de la Merced, Jerez de la Frontera, Cadiz Province. **elevation:** 35m. **remarks:** Large-seeded kabuli type. Cultivar. Seed.

PI 572411 **origin:** Spain. **cultivar:** MULATO. **collected:** May 27, 1987. **collector:** W.J. Kaiser. **collector id:** 870527-04. **other id:** WKS 49. **other id:** W6 11957. **group:** W6. **locality:** Servicio de Investigaciones Agrarias station, El Rancho de la Merced, Jerez de la Frontera, Cadiz Province. **elevation:** 35m. **remarks:** Large-seeded kabuli type. Cultivar. Seed.

PI 572412. *Oryza sativa* L. POACEAE Rice

Donated by: Webb, B.D., Agricultural Research Service -- USDA, Rice Research Station, Beaumont, Texas 77713, United States. Received July 23, 1993.

origin: United States. **origin institute:** USDA-ARS, Rice Research Station, Rt. 7, Box 999, Beaumont, Texas 77713 United States. **source history:** Same cross as Maybelle. The 2 cvs. have identical pedigrees and same identification (RU8403113) through F7 generation afterwhich Jackson was assigned a new identification. **cultivar:** JACKSON. **pedigree:** RU7603015/L-201. **other id:** RU9004003. **remarks:** Very early maturing, short statured, long-grain. Plant height averages 104cm. Days from seed to heading averages 79. Grain non-aromatic, glabrous, purple apiculus at heading. Amylose high-intermediate. Gelatinization temperature type intermediate. Lemma and palea straw colored and awnless. Outer surface of leaf sheath green and inside colorless with purple tinge near base. Susceptible to all U.S. pathogens of *Pyricularia grisea* (rice blast). Moderately resistant to physiologic straighthead. Spring Annual. Cultivar. Seed.

PI 572413. *Zea mays* L. subsp. *mays* POACEAE Corn

Donated by: Pratt, R.C., Ohio Agr. Res. and Dev. Center, Ohio State University, Dept. of Agronomy, Wooster, Ohio 44691, United States. **remarks:** Oh599 Maize Inbred. Received July 23, 1993.

PI 572413-continued

origin: United States. **developed:** R.C. Pratt, E.J. Dollinger. **origin institute:** Ohio Agr. Res. and Dev. Center, Ohio State University, Dept. of Agronomy, 1680 Madison Avenue, Wooster, Ohio 44691 United States. **cultivar:** Oh599. **pedigree:** Val7/Oh551//Oh551. **other id:** PL-171. **group:** CSR-MAIZE. **restricted:** CSR. **remarks:** Moderate tall inbred, with somewhat narrow leaf width and ear placement at mid-plant height. Somewhat prolific and an acceptable pollen producer. Kernels yellow, medium size (25.4g/100 k.), and flinty. Produces 14-rowed, well filled, somewhat short, tapering ears intermediate in length (~12cm) between its parents, on sound, red cobs. Flowers one day later than B73 (AES 700 maturity). Selected for combining ability with B73 (Iowa Stiff Stalk or Reid heterotic group). Spring Annual. Breeding Material. Seed.

PI 572414. *Carthamus tinctorius* L. ASTERACEAE Safflower

Donated by: Thomas, C.A., Agricultural Research Service -- USDA, Crops Research Division, Beltsville, Maryland 20705, United States; and California Agr. Exp. Sta.. Received 1961.

origin: United States. **developed:** C.A. Thomas. **origin institute:** Agricultural Research Service -- USDA, Crops Research Division, Beltsville, Maryland 20705 United States. **cultivar:** US 10. **pedigree:** Nebraska 10/Western Oilseeds 14. **other id:** CV-2. **source:** Crop Sci. 4(4):446 1964. **group:** CSR-SAFFLOWER. **other id:** W6 12757. **group:** W6. **remarks:** Similar in growth characteristics, appearance, oil content, and area of adaptation to Nebraska 10. A seed yield summary from numerous field tests indicates similar to Nebraska 10. In certain tests, however, yield has been higher than that of Nebraska 10 or other available commercial varieties such as Gila and Pacific 1. In some tests, has yielded less than these varieties. Existence of distinct pathogenic races of *P. drechsleri* has been demonstrated. Appears to have resistance to any known race that is equal to or better than that of any other commercial variety presently available. Cultivar. Seed.

PI 572415 to 572417. *Carthamus tinctorius* L. ASTERACEAE Safflower

Donated by: Utah ARS-USDA, Utah, United States. Received 1962.

PI 572415 **origin:** UNKNOWN. **cultivar:** NO 55-633. **other id:** W6 7101. **group:** W6. Cultivar. Seed.

PI 572415 to 572417-continued

PI 572416 **origin:** UNKNOWN. **cultivar:** NO 54-338. **other id:** W6 7103. **group:** W6. Cultivar. Seed.

PI 572417 **origin:** UNKNOWN. **cultivar:** NO 54-336. **other id:** W6 12758. **group:** W6. Cultivar. Seed.

PI 572418 to 572420. *Carthamus tinctorius* L. ASTERACEAE Safflower

Donated by: Arizona Agr. Exp. Sta., Arizona, United States.
Received 1966.

PI 572418 **origin:** UNKNOWN. **cultivar:** ARIZ SAFFLOWER COMPOSITE III. **other id:** W6 7105. **group:** W6. Cultivar. Seed.

PI 572419 **origin:** UNKNOWN. **cultivar:** A 12417. **other id:** W6 12759. **group:** W6. Cultivar. Seed.

PI 572420 **origin:** UNKNOWN. **cultivar:** A 101. **other id:** W6 7107. **group:** W6. Cultivar. Seed.

PI 572421. *Carthamus tinctorius* L. ASTERACEAE Safflower

Donated by: Gilbert, N.W., Arizona Agr. Exp. Sta., Mesa Branch, Mesa, Arizona, United States; and Agricultural Research Service -- USDA. **Received** 1965.

origin: United States. **developed:** N.W. Gilbert, D.G. Lorance. **origin institute:** Arizona Agr. Exp. Sta., Mesa Branch, Mesa, Arizona United States. **cultivar:** FRIO. **pedigree:** Bulk selection from F5 generation of A5731-5/61114-29-9-4-9. **other id:** CV-3. **source:** Crop Sci. 6(4):390 1966. **group:** CSR-SAFFLOWER. **other id:** W6 7106. **group:** W6. **remarks:** Considerably greater cold tolerance in the early growth stages than Gila or other varieties. More resistance to *Phytophthora* root rot than Gila. Susceptible to rust (*Puccinia carthami*) and other sunflower diseases, including several mosaic viruses. Some variability in agronomic characteristics occurs among individual plants. Flowers predominately yellow with a few orange. Seed varies from white to gray; intermediate seed appears striped. Cultivar. Seed.

PI 572422 to 572431. *Carthamus tinctorius* L. ASTERACEAE Safflower

Donated by: Utah ARS-USDA, Nebraska, United States. **Received** 1965.

PI 572422 **origin:** United States. **cultivar:** N 1. **other id:** W6 12760. **group:** W6. Cultivar. Seed.

PI 572422 to 572431-continued

- PI 572423 **origin:** United States. **cultivar:** N 4. **other id:** W6 12761. **group:** W6. Cultivar. Seed.
- PI 572424 **origin:** United States. **cultivar:** N 5. **other id:** W6 12762. **group:** W6. Cultivar. Seed.
- PI 572425 **origin:** United States. **cultivar:** N 6. **other id:** W6 12763. **group:** W6. Cultivar. Seed.
- PI 572426 **origin:** United States. **cultivar:** N 8. **other id:** W6 12764. **group:** W6. Cultivar. Seed.
- PI 572427 **origin:** United States. **cultivar:** N 9. **other id:** W6 12765. **group:** W6. Cultivar. Seed.
- PI 572428 **origin:** United States. **developed:** J.H. Williams. **origin institute:** Nebraska Agr. Exp. Sta., University of Nebraska, Agronomy Dept., Nebraska United States. **source history:** Accession 852 was a small commercial sample of seed introduced in 1945 from Khartoum, Anglo-Egyptain Sudan, increased and released as the variety N-852 in 1948. **cultivar:** Nebraska-10. **pedigree:** Single selection from 852-95, by C.E. Classen at Alliance, Nebraska, in 1946. **other id:** CV-1. **source:** Crop Sci. 4(4):446 1964. **group:** CSR-SAFFLOWER. **other id:** N-10. **other id:** W6 12766. **group:** W6. **remarks:** Early maturing, high-yielding variety. Seed contains higher percentage oil than N-852 or other varieties available during 1940's and early 1950's. Plant type fairly uniform although slightly variable for flower color. Flower color yellow in bud and full bloom stages, turning to brownish yellow upon drying. About 2-3% of plants have orange flowers. Seedlings have rapid early growth and do not form a rosette after emergence. Plants medium height and moderate branching habit. Seed heads medium sized. Seed white, long and narrow shaped with heavy vianation. Cultivar. Seed.
- PI 572429 **origin:** United States. **cultivar:** N 852. **other id:** W6 12767. **group:** W6. Cultivar. Seed.
- PI 572430 **origin:** United States. **cultivar:** N 942. **other id:** W6 12768. **group:** W6. Cultivar. Seed.
- PI 572431 **origin:** United States. **cultivar:** U 1421. **other id:** W6 12769. **group:** W6. Cultivar. Seed.

PI 572432. *Carthamus tinctorius* L. ASTERACEAE Safflower

Donated by: Arizona Agr. Exp. Sta., Arizona, United States.
Received 1977.

PI 572432-continued

origin: UNKNOWN. **cultivar:** ARIZ SAFFLOWER COMPOSITE I.
other id: W6 12770. **group:** W6. Cultivar. Seed.

PI 572433. *Carthamus tinctorius* L. ASTERACEAE Safflower

Donated by: Leininger, L.N., Utah Agr. Exp. Sta., Utah State University, Logan, Utah, United States; and Agricultural Research Service -- USDA. Received 1966.

origin: United States. **developed:** L.N. Leininger.
origin institute: Utah Agr. Exp. Sta., Utah State University, Logan, Utah United States. **cultivar:** UTE.
pedigree: N8/Pacific 7, F5. **other id:** CV-4. **source:** Crop Sci. 7(3):279 1967. **group:** CSR-SAFFLOWER. **other id:** U-15. **other id:** W6 12771. **group:** W6. **remarks:** Maturity approx. same time as Gila and US10 and is adapted particularly to irrigated production west of the 100th meridian except in the northern Great Plains and Arizona. Flowers orange with few yellow and red flower segregates remaining in line. More branches and heads of smaller diameter than other varieties and small seed. Oil content percent slightly lower than Gila. More resistance to *Phytophthora* root rot, especially the low temperature form, than any other variety. Moderately susceptible to *Fusarium* wilt. Field tolerance to rust. Highly suscept. to *Alternaria*. Cultivar. Seed.

PI 572434. *Carthamus tinctorius* L. ASTERACEAE Safflower

Donated by: California Agr. Exp. Sta., California, United States. Received 1967.

origin: United States. **developed:** P.F. Knowles. **origin institute:** California Agr. Exp. Sta., University of California, Davis, California 95616 United States. **cultivar:** UC-1. **pedigree:** 57-147 (from India)/N-10. **other id:** CV-6. **source:** Crop Sci. 8(5):641 1968. **group:** CSR-SAFFLOWER. **other id:** W6 7108. **group:** W6. **remarks:** Similar to US-10 in appearance, oil content and yield. Both early, spiny, and have yellow flowers. Similar chemically to olive oil. In tests, looked promising as a cooking oil in comparison with hydrogenated commercial frying oils. Cultivar. Seed.

PI 572435. *Carthamus tinctorius* L. ASTERACEAE Safflower

Donated by: Abel, G.H., Agricultural Research Service -- USDA, Phoenix, Arizona, United States; and Arizona Agr. Exp. Sta.. Received 1968.

PI 572435-continued

origin: United States. **developed:** G.H. Abel, D.G. Lorance. **origin institute:** Agricultural Research Service -- USDA, Phoenix, Arizona United States. **cultivar:** DART. **pedigree:** A5731-5/61114-29-9-4-9, F7. **other id:** CV-7. **source:** Crop Sci. 15(1):100 1975. **group:** CSR-SAFFLOWER. **other id:** US 12295. **other id:** W6 12772. **group:** W6. **remarks:** Tolerant to prevalent races of *Phytophthora drechsleri* (fungus that causes root rot in safflower). Moderately resistant to rust (*Puccinia carthami*) and verticillium wilt (*Verticillium albo-atrum*). Cold-tolerance during early growth. Plant height equals that of Frio and is 5-15cm taller than Gila. Canopy smaller than Gila but equal to Frio. Head diameter similar to Gila and Frio. Flowers yellow in both fresh and dry condition. Blooming and maturity dates similar to Frio but several days later than Gila. Cultivar. Seed.

PI 572436. *Carthamus tinctorius* L. ASTERACEAE Safflower

Donated by: Zimmer, D.E., Agricultural Research Service -- USDA, Logan, Utah 84321, United States; and Utah Agr. Exp. Sta.. Received 1968.

origin: United States. **developed:** D.E. Zimmer, A.L. Urie. **origin institute:** Agricultural Research Service -- USDA, Crops Research Division, Logan, Utah 84321 United States. **cultivar:** LEED. **pedigree:** U-1421/Gila, F3. **other id:** CV-5. **source:** Crop Sci. 8(4):511 1968. **group:** CSR-SAFFLOWER. **other id:** U-153. **other id:** W6 12773. **group:** W6. **remarks:** Particularly well-adapted to irrigated production in the Inter-mountain Region, and has performed well in irrigated trials in California. Not performed well in dryland or in irrigated trials in Arizona. When grown in 13 competitive yield trials in Utah, Idaho, and California, out-yielded Ute, Gila and Frio by 7.0, 18.1 and 24.5%, respectively. Oil percentage exceeded Gila and Ute by approx. 1% and was equal to Frio. Higher in test weight than Frio and equal to Gila and Ute. Slightly taller than Gila and matured later. Cultivar. Seed.

PI 572437 to 572443. *Carthamus tinctorius* L. ASTERACEAE Safflower

Donated by: Urie, A.L., Agricultural Research Service -- USDA, Crops Research Division, Logan, Utah 84321, United States; and California Agr. Exp. Sta.. Received 1970.

PI 572437 to 572443-continued

- PI 572437 **origin:** United States. **developed:** A.L. Urie, D.E. Zimmer. **origin institute:** Agricultural Research Service -- USDA, Crops Research Division, Logan, Utah 84321 United States. **cultivar:** th-5. **pedigree:** Selected from many thin-hulled mutant lines. **other id:** PL-1. **source:** Crop Sci. 10(4):463 1970. **group:** CSR-SAFFLOWER. **other id:** W6 12774. **group:** W6. **remarks:** Released for use as female parent in hybrid development programs. Partially male-sterile and cannot be used directly as commercial values. Selected from many thin-hulled mutant lines grown at Logan, Utah. Lines have been shown to carry the thth gene pair identified by Rubis which conditions reduced-pericarp and leads to an increase in oil percentage of the seed. Cultivar. Seed.
- PI 572438 **origin:** United States. **developed:** A.L. Urie, D.E. Zimmer. **origin institute:** Agricultural Research Service -- USDA, Crops Research Division, Logan, Utah 84321 United States. **cultivar:** th-10. **pedigree:** Selected from many thin-hulled mutant lines. **other id:** PL-2. **source:** Crop Sci. 10(4):463 1970. **group:** CSR-SAFFLOWER. **other id:** W6 12775. **group:** W6. **remarks:** Released for use as female parent in hybrid development programs. Partially male-sterile and cannot be used directly as commercial varieties. Selected from many thin-hulled mutant lines grown at Logan, Utah. Lines have been shown to carry the thth gene pair identified by Rubis which conditions reduced-pericarp and leads to an increase in oil percentage of the seed. Cultivar. Seed.
- PI 572439 **origin:** United States. **developed:** D.E. Zimmer, A.L. Urie. **origin institute:** Agricultural Research Service -- USDA, Crops Research Division, Logan, Utah 84321 United States. **cultivar:** PCA. **pedigree:** (U-1421-6-11/PI 253914-7) / Ute, F6. **other id:** GP-1. **source:** Crop Sci. 10(4):463 1970. **group:** CSR-SAFFLOWER. **other id:** W6 12776. **group:** W6. **remarks:** Higher resistance than Ute to seedling rust and foliage rust. Seed, as a result of its striped characteristic, contains above 40% oil, 2 to 3 percentage points higher than Ute. Maturity a week later than UTe and 10-to 15cm taller. In yield trials in 1969, yielded 2,700kg/ha, 7% more than US 10, a standard check variety. Cultivar. Seed.

PI 572437 to 572443-continued

- PI 572440 **origin:** United States. **developed:** D.E. Zimmer, A.L. Urie. **origin institute:** Agricultural Research Service -- USDA, Crops Research Division, Logan, Utah 84321 United States. **cultivar:** PCM-1. **pedigree:** PI 195895/Frio, F3. **other id:** GP-2. **source:** Crop Sci. 10(4):463 1970. **group:** CSR-SAFFLOWER. **other id:** W6 12777. **group:** W6. **remarks:** Possess seedling and foliage rust-resistance superior to Ute. Equal in oil to Frio, 5 to 10cm shorter, and about a week earlier. In comparative yield trials in 1969, yielded 5% more than US-10 (2,643kg/ha). Cultivar. Seed.
- PI 572441 **origin:** United States. **developed:** D.E. Zimmer, A.L. Urie. **origin institute:** Agricultural Research Service -- USDA, Crops Research Division, Logan, Utah 84321 United States. **cultivar:** PCM-2. **pedigree:** PI 195895/U-5, F3. **other id:** GP-3. **source:** Crop Sci. 10(4):463 1970. **group:** CSR-SAFFLOWER. **other id:** W6 12778. **group:** W6. **remarks:** Possess seedling and foliage rust resistance superior to that of Ute. Lower in oil than Frio, 5 to 10cm taller, and 5 days later. In comparative yield trials in 1969, outyielded Us-10 by 24% (3,114kg/ha). Cultivar. Seed.
- PI 572442 **origin:** United States. **developed:** D.E. Zimmer, A.L. Urie. **origin institute:** Agricultural Research Service -- USDA, Crops Research Division, Logan, Utah 84321 United States. **cultivar:** PCN1. **pedigree:** Nebraska 1-1-5/Frio, F3. **other id:** GP-4. **source:** Crop Sci. 10(4):463 1970. **group:** CSR-SAFFLOWER. **other id:** W6 7109. **group:** W6. **remarks:** Possesses the exclusionary rust resistance gene N1. This gene although effective against the seedling phase, is ineffective against the foliage phase. The utilization of a variety carrying the N1 gene would presumably greatly reduce primary inoculum for foliage infection, thereby reducing the need of foliage resistance. 5-7 days later in maturity than Frio, 5 to 10cm taller, and equal to Frio in oil percentage. Not been yield tested. Cultivar. Seed.
- PI 572443 **origin:** United States. **developed:** D.E. Zimmer, A.L. Urie. **origin institute:** Agricultural Research Service -- USDA, Crops Research Division, Logan, Utah 84321 United States. **cultivar:** PCOY. **pedigree:** 59-270/Frio, F3. **other id:** GP-5. **source:** Crop Sci. 10(4):463 1970. **group:** CSR-SAFFLOWER. **other id:** W6 12779. **group:** W6. **remarks:** Highest type of foliage rust-resistance presently known in cultivated safflower; and its resistance to seedling rust is surpassed only by the exclusionary resistance of Nebraska 1-1-5. Produces seed equal in oil content to Frio and is of the same maturity and height. Has not been yield tested. Cultivar. Seed.

PI 572444 to 572447. *Carthamus tinctorius* L. ASTERACEAE Safflower

Donated by: Urie, A.L., Agricultural Research Service -- USDA, Crops Research Division, Logan, Utah 84321, United States; and California Agr. Exp. Sta.. Received 1971.

PI 572444 **origin:** United States. **developed:** A.L. Urie, D.E. Zimmer. **origin institute:** Agricultural Research Service -- USDA, Crops Research Division, Logan, Utah 84321 United States. **cultivar:** REDUCED HULL-1. **pedigree:** Ute/13049, F6. **other id:** GP-6. **source:** Crop Sci. 10(6):732 1970. **group:** CSR-SAFFLOWER. **other id:** W6 12780. **group:** W6. **remarks:** Possess 41 to 44% oil, 5-8 percentage points higher than Ute, due to pericarp reduction. In comparative yield trials, yield was 3,429kg/ha. Same growing habit as Ute, well-branched, medium maturity, small-headed, and small-seeded. Moderately resistant to root rot and only moderately susceptible to rust. Cultivar. Seed.

PI 572445 **origin:** United States. **cultivar:** REDUCED HULL-2. **pedigree:** Ute/13049, F6. **other id:** GP-7. **source:** Crop Sci. 10(6):732 1970. **group:** CSR-SAFFLOWER. **other id:** W6 12781. **group:** W6. **remarks:** Possesses 41 to 44% oil, 5-8 percentage points higher than Ute, due to pericarp reduction. In comparative yield trials, yield was 3,496kg/ha. Same growing habit as Ute, well-branched, medium maturity, small-headed, and small-seeded. Moderately resistant to root rot and only moderately susceptible to rust. Cultivar. Seed.

PI 572446 **origin:** United States. **cultivar:** REDUCED HULL-3. **pedigree:** Ute/13049, F6. **other id:** GP-8. **source:** Crop Sci. 10(6):732 1970. **group:** CSR-SAFFLOWER. **other id:** W6 12782. **group:** W6. **remarks:** Possesses 41 to 44% oil, 5-8 percentage points higher than Ute, due to pericarp reduction. In comparative yield trials, yield was 3,480kg/ha. Same growing habit as Ute, well-branched, medium maturity, small-headed, and small-seeded. Moderately resistant to root rot and only moderately. Cultivar. Seed.

PI 572447 **origin:** United States. **cultivar:** REDUCED HULL-4. **pedigree:** Ute/13049, F6. **other id:** GP-9. **source:** Crop Sci. 10(6):732 1970. **group:** CSR-SAFFLOWER. **other id:** W6 12783. **group:** W6. **remarks:** Possesses 41 to 44% oil, 5-8 percentage points higher than Ute, due to pericarp reduction. In comparative yield trials, yield was 3,022kg/ha. Same growing habit as Ute, well-branched, medium maturity, small-headed, and small-seeded. Moderately resistant to root rot and only moderately susceptible to rust. Cultivar. Seed.

PI 572448 to 572455. *Carthamus tinctorius* L. ASTERACEAE Safflower

Donated by: Nielson, M.W., USDA-ARS, Forage Insects Research Lab.,
2000 East Allen Road, Tucson, Arizona 85719, United States.
Received 1979.

PI 572448 **origin:** UNKNOWN. **cultivar:** BULK 727 732. **other id:** W6
12784. **group:** W6. Cultivar. Seed.

PI 572449 **origin:** UNKNOWN. **cultivar:** BULK 728 730. **other id:** W6
12785. **group:** W6. Cultivar. Seed.

PI 572450 **origin:** UNKNOWN. **cultivar:** BULK 731. **other id:** W6
12786. **group:** W6. Cultivar. Seed.

PI 572451 **origin:** UNKNOWN. **cultivar:** BULK 734A. **other id:** W6
12787. **group:** W6. Cultivar. Seed.

PI 572452 **origin:** UNKNOWN. **cultivar:** BULK 734B. **other id:** W6
12788. **group:** W6. Cultivar. Seed.

PI 572453 **origin:** UNKNOWN. **cultivar:** BULK 735. **other id:** W6
12789. **group:** W6. Cultivar. Seed.

PI 572454 **origin:** UNKNOWN. **cultivar:** BULK 736. **other id:** W6
12790. **group:** W6. Cultivar. Seed.

PI 572455 **origin:** UNKNOWN. **cultivar:** BULK 737. **other id:** W6
12791. **group:** W6. Cultivar. Seed.

PI 572456 to 572469. *Carthamus tinctorius* L. ASTERACEAE Safflower

Donated by: Klisiewicz, J.M., California Agr. Exp. Sta., University
of California, 380 Hutchinson Hall, Davis, California 95616, United
States; and Agricultural Research Service -- USDA. Received 1981.

PI 572456 **origin:** United States. **developed:** J.M. Klisiewicz, A.L.
Urie. **origin institute:** California Agr. Exp. Sta.,
University of California, Dept. of Plant Pathology,
Davis, California 95616 United States. **cultivar:** 3992.
pedigree: Sel. from PI 250010. **other id:** GP-18. **source:**
Crop Sci. 22(1):165 1982. **group:** CSR-SAFFLOWER. **other**
id: W6 12792. **group:** W6. **remarks:** Resistance to the
four known races of *Fusarium* and offers a broad genetic
base from which plant breeders can select materials for
resistance in breeding programs. Low seed oil percentage
due to high ratio of pericarp (hull) tissue to oil
bearing (embryo) tissue. Cultivar. Seed.

PI 572456 to 572469-continued

- PI 572457 **origin:** United States. **developed:** J.M. Klisiewicz, A.L. Urie. **origin institute:** California Agr. Exp. Sta., University of California, Dept. of Plant Pathology, Davis, California 95616 United States. **cultivar:** 4297. **pedigree:** Sel. from PI 250538. **other id:** GP-19. **source:** Crop Sci. 22(1):165 1982. **group:** CSR-SAFFLOWER. **other id:** W6 12793. **group:** W6. **remarks:** Resistance to the four known races of Fusarium and offers a broad genetic base from which plant breeders can select materials for resistance in breeding programs. Low seed oil percentage due to high ratio of pericarp (hull) tissue to oil bearing (embryo) tissue. Cultivar. Seed.
- PI 572458 **origin:** United States. **developed:** J.M. Klisiewicz, A.L. Urie. **origin institute:** California Agr. Exp. Sta., University of California, Dept. of Plant Pathology, Davis, California 95616 United States. **cultivar:** 4305. **pedigree:** Sel. from PI 250608. **other id:** GP-20. **source:** Crop Sci. 22(1):165 1982. **group:** CSR-SAFFLOWER. **other id:** W6 12794. **group:** W6. **remarks:** Resistance to the four known races of Fusarium and offers a broad genetic base from which plant breeders can select materials for resistance in breeding programs. Low seed oil percentage due to high ratio of pericarp (hull) tissue to oil bearing (embryo) tissue. Cultivar. Seed.
- PI 572459 **origin:** United States. **developed:** J.M. Klisiewicz, A.L. Urie. **origin institute:** California Agr. Exp. Sta., University of California, Dept. of Plant Pathology, Davis, California 95616 United States. **cultivar:** 4309. **pedigree:** Sel. from PI 250079. **other id:** GP-21. **source:** Crop Sci. 22(1):165 1982. **group:** CSR-SAFFLOWER. **other id:** W6 12795. **group:** W6. **remarks:** Resistance to the four known races of Fusarium and offers a broad genetic base from which plant breeders can select materials for resistance in breeding programs. Low seed oil percentage due to high ratio of pericarp (hull) tissue to oil bearing (embryo) tissue. Cultivar. Seed.
- PI 572460 **origin:** United States. **developed:** J.M. Klisiewicz, A.L. Urie. **origin institute:** California Agr. Exp. Sta., University of California, Dept. of Plant Pathology, Davis, California 95616 United States. **cultivar:** 4298. **pedigree:** Sel. from PI 250539. **other id:** GP-22. **source:** Crop Sci. 22(1):165 1982. **group:** CSR-SAFFLOWER. **other id:** W6 12796. **group:** W6. **remarks:** Resistance to the four known races of Fusarium and offers a broad genetic base from which plant breeders can select materials for resistance in breeding programs. Low seed oil percentage due to high ratio of pericarp (hull) tissue to oil bearing (embryo) tissue. Cultivar. Seed.

PI 572456 to 572469-continued

- PI 572461 **origin:** United States. **developed:** J.M. Klisiewicz, A.L. Urie. **origin institute:** California Agr. Exp. Sta., University of California, Dept. of Plant Pathology, Davis, California 95616 United States. **cultivar:** 4343. **pedigree:** Sel. from PI 306596. **other id:** GP-23. **source:** Crop Sci. 22(1):165 1982. **group:** CSR-SAFFLOWER. **other id:** W6 12797. **group:** W6. **remarks:** Resistance to the four known races of Fusarium and offers a broad genetic base from which plant breeders can select materials for resistance in breeding programs. Low seed oil percentage due to high ratio of pericarp (hull) tissue to oil bearing (embryo) tissue. Cultivar. Seed.
- PI 572462 **origin:** United States. **developed:** J.M. Klisiewicz, A.L. Urie. **origin institute:** California Agr. Exp. Sta., University of California, Dept. of Plant Pathology, Davis, California 95616 United States. **cultivar:** 4046. **pedigree:** Sel. from PI 250828. **other id:** GP-24. **source:** Crop Sci. 22(1):165 1982. **group:** CSR-SAFFLOWER. **other id:** W6 12798. **group:** W6. **remarks:** Resistance to the four known races of Fusarium and offers a broad genetic base from which plant breeders can select materials for resistance in breeding programs. Low seed oil percentage due to high ratio of pericarp (hull) tissue to oil bearing (embryo) tissue. Cultivar. Seed.
- PI 572463 **origin:** United States. **developed:** J.M. Klisiewicz, A.L. Urie. **origin institute:** California Agr. Exp. Sta., University of California, Dept. of Plant Pathology, Davis, California 95616 United States. **cultivar:** 4011. **pedigree:** Sel. from PI 250827. **other id:** GP-25. **source:** Crop Sci. 22(1):165 1982. **group:** CSR-SAFFLOWER. **other id:** W6 12799. **group:** W6. **remarks:** Resistance to the four known races of Fusarium and offers a broad genetic base from which plant breeders can select materials for resistance in breeding programs. Low seed oil percentage due to high ratio of pericarp (hull) tissue to oil bearing (embryo) tissue. Cultivar. Seed.
- PI 572464 **origin:** United States. **developed:** J.M. Klisiewicz, A.L. Urie. **origin institute:** California Agr. Exp. Sta., University of California, Dept. of Plant Pathology, Davis, California 95616 United States. **cultivar:** 4258. **pedigree:** Sel. from PI 253387. **other id:** GP-26. **source:** Crop Sci. 22(1):165 1982. **group:** CSR-SAFFLOWER. **other id:** W6 12800. **group:** W6. **remarks:** Resistance to the four known races of Fusarium and offers a broad genetic base from which plant breeders can select materials for resistance in breeding programs. Low seed oil percentage due to high ratio of pericarp (hull) tissue to oil bearing (embryo) tissue. Cultivar. Seed.

PI 572456 to 572469-continued

- PI 572465 **origin:** United States. **developed:** J.M. Klisiewicz, A.L. Urie. **origin institute:** California Agr. Exp. Sta., University of California, Dept. of Plant Pathology, Davis, California 95616 United States. **cultivar:** 4022. **pedigree:** Sel. from PI 251398. **other id:** GP-27. **source:** Crop Sci. 22(1):165 1982. **group:** CSR-SAFFLOWER. **other id:** W6 12801. **group:** W6. **remarks:** Resistance to the four known races of Fusarium and offers a broad genetic base from which plant breeders can select materials for resistance in breeding programs. Low seed oil percentage due to high ratio of pericarp (hull) tissue to oil bearing (embryo) tissue. Cultivar. Seed.
- PI 572466 **origin:** United States. **developed:** J.M. Klisiewicz, A.L. Urie. **origin institute:** California Agr. Exp. Sta., University of California, Dept. of Plant Pathology, Davis, California 95616 United States. **cultivar:** 3133. **pedigree:** Sel. from PI 250830. **other id:** GP-28. **source:** Crop Sci. 22(1):165 1982. **group:** CSR-SAFFLOWER. **other id:** W6 12802. **group:** W6. **remarks:** Resistance to the four known races of Fusarium and offers a broad genetic base from which plant breeders can select materials for resistance in breeding programs. Low seed oil percentage due to high ratio of pericarp (hull) tissue to oil bearing (embryo) tissue. Cultivar. Seed.
- PI 572467 **origin:** United States. **developed:** J.M. Klisiewicz, A.L. Urie. **origin institute:** California Agr. Exp. Sta., University of California, Dept. of Plant Pathology, Davis, California 95616 United States. **cultivar:** 3238. **pedigree:** Sel. from PI 209288. **other id:** GP-29. **source:** Crop Sci. 22(1):165 1982. **group:** CSR-SAFFLOWER. **other id:** W6 12803. **group:** W6. **remarks:** Resistance to the four known races of Fusarium and offers a broad genetic base from which plant breeders can select materials for resistance in breeding programs. Low seed oil percentage due to high ratio of pericarp (hull) tissue to oil bearing (embryo) tissue. Cultivar. Seed.
- PI 572468 **origin:** United States. **developed:** J.M. Klisiewicz, A.L. Urie. **origin institute:** California Agr. Exp. Sta., University of California, Dept. of Plant Pathology, Davis, California 95616 United States. **cultivar:** 4043. **pedigree:** Sel. from PI 250823. **other id:** GP-30. **source:** Crop Sci. 22(1):165 1982. **group:** CSR-SAFFLOWER. **other id:** W6 12804. **group:** W6. **remarks:** Resistance to the four known races of Fusarium and offers a broad genetic base from which plant breeders can select materials for resistance in breeding programs. Low seed oil percentage due to high ratio of pericarp (hull) tissue to oil bearing (embryo) tissue. Cultivar. Seed.

PI 572456 to 572469-continued

PI 572469 **origin:** United States. **developed:** J.M. Klisiewicz, A.L. Urie. **origin institute:** California Agr. Exp. Sta., University of California, Dept. of Plant Pathology, Davis, California 95616 United States. **cultivar:** 3119. **pedigree:** Sel. from PI 250523. **other id:** GP-31. **source:** Crop Sci. 22(1):165 1982. **group:** CSR-SAFFLOWER. **other id:** W6 12805. **group:** W6. **remarks:** Resistance to the four known races of Fusarium and offers a broad genetic base from which plant breeders can select materials for resistance in breeding programs. Low seed oil percentage due to high ratio of pericarp (hull) tissue to oil bearing (embryo) tissue. Cultivar. Seed.

PI 572470. *Carthamus tinctorius* L. ASTERACEAE Safflower

Donated by: Dietz, S.M., USDA-ARS, Western Regional PI Station, Washington State University, Pullman, Washington 99164, United States. Received 1982.

origin: UNKNOWN. **cultivar:** B 8-5-5. **other id:** W6 12806. **group:** W6. Cultivar. Seed.

PI 572471. *Carthamus tinctorius* L. ASTERACEAE Safflower

Donated by: Welsh, J., Montana Agr. Exp. Sta., Montana State University, 202 Linfield Hall, Bozeman, Montana 59717, United States; and North Dakota Agr. Exp. Sta.. Received 1982.

origin: United States. **developed:** J.W. Bergman, N.R. Riveland. **origin institute:** Montana Agr. Exp. Sta., Montana State University, Eastern Agr. Res. Ctr., Sidney, Montana 59270 United States. **cultivar:** SIDWILL. **pedigree:** Sidney Sel. 87-42-3/AC-1. **other id:** CV-9. **source:** Crop Sci. 23(5):1012 1983. **group:** CSR-SAFFLOWER. **other id:** W6 12807. **group:** W6. **remarks:** Resistance to *Alternaria* leaf spot and bacterial blight (*Pseudomonas syringae*). Plants predominantly spiny and average one day later in flowering than S-208. (S-208 is a normal hull cv. commercially grown in Montana and ND.) Seeds predominately striped hull. Flowers yellow with an occasional red segregate. Cultivar. Seed.

PI 572472. *Carthamus tinctorius* L. ASTERACEAE Safflower

Donated by: Bergman, J.W., Montana Agr. Exp. Sta., Montana State University, Sidney, Montana 59270, United States. Received 1985.

origin: United States. **developed:** J.W. Bergman, D.E. Baldrige, P.L. Brown, A.L. Dubbs, G.D. Kushnak, N.R. Riveland. **origin institute:** Montana Agr. Exp. Sta., Montana State University, Eastern Agr. Res. Ctr., Sidney, Montana 59270 United States. **cultivar:** REHBEIN. **pedigree:** Sidney Sel. 87-42-3/AC-1. **other id:** CV-12. **source:** Crop Sci. 27(3):610 1987. **group:** CSR-SAFFLOWER. **other id:** W6 12808. **group:** W6. **remarks:** Early flowering with good resistance to Pseudomonas bacterial blight. Intermediate level of resistance to Alternaria leaf spot. Flowers yellow in the bud, full bloom, and wilt stages. Plants spiny and average 2 days earlier in flowering and maturity than S-208. Mature plants average height 50cm under dryland conditions but average 77cm under irrigated conditions. Averaging 5mm in width and 8mm in length. Seeds predominantly gray-striped hull and an occasional white normal hull. Test weight averages 31.7kg/hL. High seed oil content. Cultivar. Seed.

PI 572473. *Carthamus tinctorius* L. ASTERACEAE Safflower

Received July 23, 1993.

origin: UNKNOWN. **other id:** W6 12809. **group:** W6. Seed.

PI 572474. *Pennisetum glaucum* (L.) R. Br. POACEAE Pearl millet

Donated by: Singh, S.D., ICRISAT, Cereals Program, Patancheru, Andhra Pradesh 502 324, India. **remarks:** ICML 22, Photoperiod Insensitive and Downy Mildew Resistant Pearl Millet Line. Received October 06, 1993.

origin: India. **developed:** S.D. Singh, G. Alagarswamy, B.S. Talukdar, C.T. Hash. **origin institute:** ICRISAT, Cereals Program, Patancheru, Andhra Pradesh 502 324 India. **cultivar:** ICML 22. **pedigree:** S5 progeny of IP 2696, a landrace from Chad, Western Africa. **other id:** GP-30. **group:** CSR-MILLET, PEARL. **restricted:** CSR. **remarks:** Inbred line resistant to downy mildew (*Sclerospora graminicola*). Photoperiod insensitive. Flowers 36.1 days in day lengths ranging from 9-17 h. Short (85-100cm height), produces 3-6 productive tillers and 7-11cm long and compact cylindrical heads bearing medium sized, grey brown obovate seed. Can be used as source of downy mildew resistance and photoperiod insensitivity. Facultative Annual. Breeding Material. Seed.

PI 572475. *Carthamus tinctorius* L. ASTERACEAE Safflower

Donated by: Dietz, S.M., USDA-ARS, Western Regional PI Station, Washington State University, Pullman, Washington 99164, United States. Received 1986.

origin: Canada. **developed:** H.H. Mundel, H.C. Huang, L.D. Burch, F. Kiehn. **origin institute:** Agric. Canada Res. Station, Lethbridge, Alberta T1J 4B1 Canada. **cultivar:** SAFFIRE. **pedigree:** Mass sel. in bulk population S65-219. **other id:** CV-11. **source:** Crop Sci. 27(2):364 1987. **group:** CSR-SAFFLOWER. **other id:** Lesaf 34C-00. **other id:** W6 12810. **group:** W6. **remarks:** Matures prior to killing fall frosts and matured 8-9 days earlier than U.S. standard, S-208. Resistant to head rot. Moderately resistant to leaf blight (*Alternaria carthami*). Seed size, bright white color, seed shape, and test weight are acceptable to bird seed trade. Oil level on a dry weight basis ranges from 25.6% to 35.2% with a mean of 31.8%. Cultivar. Seed.

PI 572476 to 572477. *Carthamus tinctorius* L. ASTERACEAE Safflower

Donated by: Rubis, D., University of Arizona, Dept. of Plant Sciences, Tucson, Arizona 85721, United States. Received 1987.

PI 572476 **origin:** United States. **cultivar:** R80-AWC 2741. **other id:** W6 12811. **group:** W6. Cultivar. Seed.

PI 572477 **origin:** United States. **cultivar:** R82-AWC 5201. **other id:** W6 12812. **group:** W6. Cultivar. Seed.

PI 572478. *Cicer arietinum* L. FABACEAE

Donated by: Kaiser, W.J., USDA-ARS, Western Regional P.I. Station, Washington State University, Pullman, Washington 99164, United States. Received May 18, 1989.

donor id: M89-19. **origin:** Morocco. **collected:** April 19, 1989. **collector:** W.J. Kaiser. **collector id:** M89-19. **other id:** W6 34. **group:** W6. **locality:** Market place in city of Meknes. **latitude:** 33 deg. 53 min. N. **longitude:** 005 deg. 37 min. W. **remarks:** Seeds kabuli type. Seed.

PI 572479 to 572495. *Cicer arietinum* L. FABACEAE

Donated by: Muehlbauer, F.J., USDA-ARS, Grain Legume Genetics & Physiology Res., Washington State University, Pullman, Washington 99164-6421, United States; and Kaiser, W.J., USDA-ARS, Western Regional P.I. Station, Washington State University, Pullman, Washington 99164-6402, United States; and Sperling, C.R., USDA-ARS, National Germplasm Resources Lab, Bldg. 003, Room 402, BARC-West, Beltsville, Maryland 20705-2350, United States. Received March 30, 1993.

PI 572479 **donor id:** 010689-0101. **origin:** Turkey. **collected:** June 01, 1989. **collector:** F.J. Muehlbauer, W.J. Kaiser, C.R. Sperling. **collector id:** 010689-0101. **other id:** W6 1967. **group:** W6. **locality:** Central market store (seed for sale for planting), Malatya, Malatya Province. Grown in Poturge region of the province. **remarks:** Seeds desi type, reddish brown. Used in soups and Bulgar Pilaf. Cultivated. Seed.

PI 572480 **donor id:** 030689-0201. **origin:** Turkey. **collected:** June 03, 1989. **collector:** F.J. Muehlbauer, W.J. Kaiser, C.R. Sperling. **collector id:** 030689-0201. **other id:** W6 1990. **group:** W6. **locality:** Cultivated field, red soil, limestone rocks. Steep slopes. 11km S of Cinar, 2km from Asagi-Konak. **latitude:** 37 deg. 39 min. N. **longitude:** 040 deg. 29 min. E. **elevation:** 820m. **remarks:** Plants short in sparse stand. Cultivated. Seed.

PI 572481 **donor id:** 050689-0101. **origin:** Turkey. **collected:** June 05, 1989. **collector:** F.J. Muehlbauer, W.J. Kaiser, C.R. Sperling. **collector id:** 050689-0101. **other id:** W6 2011. **group:** W6. **locality:** S facing field, 2-5km E of Dereici. **latitude:** 37 deg. 33 min. N. **longitude:** 040 deg. 59 min. E. **elevation:** 1000m. **remarks:** Plants green mostly immature. Pods pale yellow-green. Population sampled. Cultivated. Seed.

PI 572482 **donor id:** 060689-0401. **origin:** Turkey. **collected:** June 06, 1989. **collector:** F.J. Muehlbauer, W.J. Kaiser, C.R. Sperling. **collector id:** 060689-0401. **other id:** W6 2036. **group:** W6. **locality:** Cultivated chickpea field. 6.3km from intersection of Mardin-Midyat road on road to Savur from Senkoy. **latitude:** 37 deg. 30 min. N. **longitude:** 041 deg. 09 min. E. **elevation:** 1060m. **remarks:** Plants short to 20cm. Seeds kabuli type. Cultivated. Seed.

PI 572479 to 572495-continued

- PI 572483 **donor id:** 060689-0601. **origin:** Turkey. **collected:** June 06, 1989. **collector:** F.J. Muehlbauer, W.J. Kaiser, C.R. Sperling. **collector id:** 060689-0601. **other id:** W6 2040. **group:** W6. **locality:** Cultivated lentil and chickpea fields. 11km E of Oemerli on Midyat-Mardin road. **latitude:** 37 deg. 27 min. N. **longitude:** 041 deg. 03 min. E. **remarks:** Plants short due to droughty conditions. Seeds cultivated kabuli type, medium size. Cultivated. Seed.
- PI 572484 **donor id:** 080689-0401. **origin:** Turkey. **collected:** June 08, 1989. **collector:** F.J. Muehlbauer, W.J. Kaiser, C.R. Sperling. **collector id:** 080689-0401. **other id:** W6 2058. **group:** W6. **locality:** Cultivated chickpea field, 10.7km S of Midyat on the Midyat-Cizre road. **latitude:** 37 deg. 22 min. N. **longitude:** 041 deg. 25 min. E. **elevation:** 1050m. **remarks:** Plants short due to droughty conditions. Seeds kabuli type, medium size. Cultivated. Seed.
- PI 572485 **donor id:** 090689-0501. **origin:** Turkey. **collected:** June 09, 1989. **collector:** F.J. Muehlbauer, W.J. Kaiser, C.R. Sperling. **collector id:** 090689-0501. **other id:** W6 2080. **group:** W6. **locality:** Chickpea field. 12km before road to Sirvan on Pervari-Siirt road. **latitude:** 38 deg. 00 min. N. **longitude:** 042 deg. 14 min. E. **elevation:** 1060m. **remarks:** Random sample of field. Some variation for maturity. Seeds kabuli type. Cultivated. Seed.
- PI 572486 **donor id:** 110689-0104. **origin:** Turkey. **collected:** June 11, 1989. **collector:** F.J. Muehlbauer, W.J. Kaiser, C.R. Sperling. **collector id:** 110689-0104. **other id:** W6 2097. **group:** W6. **locality:** Loose rocky limestone soil. Gentle, NE facing 30-35% slope, formerly grazed, newly reforested. 5km W of Erüh on Siirt-Erüh road. **latitude:** 37 deg. 46 min. N. **longitude:** 042 deg. 08 min. E. **elevation:** 1100m. **remarks:** Seeds kabuli type. Cultivated. Seed.
- PI 572487 **donor id:** 110689-0301. **origin:** Turkey. **collected:** June 11, 1989. **collector:** F.J. Muehlbauer, W.J. Kaiser, C.R. Sperling. **collector id:** 110689-0301. **other id:** W6 2100. **group:** W6. **locality:** Rocky soil, heavily grazed. Sparse stand. Steep NE facing slope. 6.1km W of Erüh on the Erüh-Siirt road. **latitude:** 37 deg. 46 min. N. **longitude:** 042 deg. 07 min. E. **elevation:** 1040m. **remarks:** Plants short, stunted. Seeds kabuli type. Cultivated. Seed.

PI 572479 to 572495-continued

- PI 572488 **donor id:** 110689-0401. **origin:** Turkey. **collected:** June 11, 1989. **collector:** F.J. Muehlbauer, W.J. Kaiser, C.R. Sperling. **collector id:** 110689-0401. **other id:** W6 2103. **group:** W6. **locality:** Scattered oak trees on gentle slope. Terraced cultivated fields of wheat and chickpeas. 1.2km W of Uzumluk (Paris) on the Eruh-Siirt road. 12.6km W of Eruh. **latitude:** 37 deg. 47 min. N. **longitude:** 042 deg. 05 min. E. **elevation:** 840m. **remarks:** Plants short (8-10cm), stunted. Seeds kabuli type. Poor yield due to droughty conditions. Cultivated. Seed.
- PI 572489 **donor id:** 110689-0501. **origin:** Turkey. **collected:** June 11, 1989. **collector:** F.J. Muehlbauer, W.J. Kaiser, C.R. Sperling. **collector id:** 110689-0501. **other id:** W6 2104. **group:** W6. **locality:** Low flood plain. Flat alluvial plain just above river. 2km E of Zarova River bridge on Siirt-Eruh road. 16.2km W of Uzumluk (Paris). **latitude:** 37 deg. 49 min. N. **longitude:** 041 deg. 53 min. E. **elevation:** 630m. **remarks:** Plants variable, 15-25cm tall, beginning to mature. Seeds kabuli type. Cultivated. Seed.
- PI 572490 **donor id:** 120689-0101. **origin:** Turkey. **collected:** June 12, 1989. **collector:** F.J. Muehlbauer, W.J. Kaiser, C.R. Sperling. **collector id:** 120689-0101. **other id:** W6 2105. **group:** W6. **locality:** Flat. Gravelly loam soil. Across from oil storage tanks. 7.5km E of junction road to Bospinar. On Siirt-Batman road. **latitude:** 37 deg. 55 min. N. **longitude:** 041 deg. 38 min. E. **elevation:** 850m. **remarks:** Plants short, 15-20cm, beginning to mature. Seeds kabuli type, variable. Local landrace. Cultivated. Seed.
- PI 572491 **donor id:** 140689-0601. **origin:** Turkey. **collected:** June 14, 1989. **collector:** F.J. Muehlbauer, W.J. Kaiser, C.R. Sperling. **collector id:** 140689-0601. **other id:** W6 2124. **group:** W6. **locality:** Region of open, steep mountainsides, heavily grazed with scattered Pyrus and occasional cultivated fields. 15km E of Malatya, then 22.5km SE on road to Puturge, Elazig-Malatya road. **latitude:** 38 deg. 15 min. N. **longitude:** 038 deg. 36 min. E. **elevation:** 1750m. **remarks:** Collected from seed storage of shepherds' camp. Grown in the local area. Seeds desi-type, very small, reddish brown to nearly black, variable, mixed with a few cream-colored kabuli types. Esteemed for its seed quality and flavor. Used boiled in soups and sometimes as a dessert. Planted at time of Pyrus flowering (March), harvested end of June or first part of July. Cultivated. Seed.

PI 572479 to 572495-continued

- PI 572492 **donor id:** 160689-0101. **origin:** Turkey. **collected:** June 16, 1989. **collector:** F.J. Muehlbauer, W.J. Kaiser, C.R. Sperling. **collector id:** 160689-0101. **other id:** W6 2126. **group:** W6. **locality:** Collected from weekly farmer's market. (Reported to have come from nearby smaller village of Bagyurdu). SE of Sugla Lake, Town of Bozkir. **latitude:** 37 deg. 11 min. N. **longitude:** 032 deg. 15 min. E. **remarks:** Seeds kabuli type, light colored, variable. Wild. Seed.
- PI 572493 **donor id:** 160689-0201. **origin:** Turkey. **collected:** June 16, 1989. **collector:** F.J. Muehlbauer, W.J. Kaiser, C.R. Sperling. **collector id:** 160689-0201. **other id:** W6 2128. **group:** W6. **locality:** Collected from storage of chickpea contract grower in plain of Sugla Lake. 31km before Seydisehir on the Bozkir-Seydisehir road. Yalihuyuk Village. **latitude:** 37 deg. 18 min. N. **longitude:** 038 deg. 05 min. E. **elevation:** 1140m. **remarks:** Seeds kabuli type, small, variable, collected from material that passed through sieves used in sizing. Cultivated. Seed.
- PI 572494 **donor id:** 160689-0202. **origin:** Turkey. **collected:** June 16, 1989. **collector:** F.J. Muehlbauer, W.J. Kaiser, C.R. Sperling. **collector id:** 160689-0202. **other id:** W6 2129. **group:** W6. **locality:** Collected from storage of chickpea contract grower. Grown in plain of Sugla Lake. 31km before Seydisehir on the Bozkir-Seydisehir road. Yalihuyuk Village. **latitude:** 37 deg. 18 min. N. **longitude:** 038 deg. 05 min. E. **elevation:** 1140m. **remarks:** Seeds kabuli type, large, variable, collected from seed which remained after sieving. Cultivated. Seed.
- PI 572495 **donor id:** 170689-0102. **origin:** Turkey. **collected:** June 17, 1989. **collector:** F.J. Muehlbauer, W.J. Kaiser, C.R. Sperling. **collector id:** 170689-0102. **other id:** W6 2131. **group:** W6. **locality:** Collected from seed storage. 5km NE of Dinar in Karakuyu Village. **latitude:** 38 deg. 05 min. N. **longitude:** 030 deg. 13 min. E. **elevation:** 1050m. **remarks:** Seeds kabuli type, variable. Cultivated. Seed.

PI 572496 to 572497. *Cicer arietinum* L. FABACEAE

Donated by: ICARDA, P.O. Box 5466, Aleppo, Syria. Received March 10, 1992.

- PI 572496 **origin:** Syria. **other id:** W6 2882. **group:** W6. **other id:** FLIP 87-89. **other id:** W6 2882. **group:** W6. **remarks:** Has shown some resistance to *Ascochyta* blight. Cultivated. Seed.

PI 572496 to 572497-continued

PI 572497 **origin:** Syria. **origin institute id:** ILC 6482. **other id:** W6 10144. **group:** W6. **remarks:** Has shown some resistance to Ascochyta blight. Cultivated. Seed.

PI 572498. *Cicer arietinum* L. FABACEAE Chickpea

Donated by: Kaiser, W.J., USDA-ARS, Western Regional P.I. Station, Washington State University, Pullman, Washington 00164-6402, United States. Received June 20, 1991.

origin: United States. **origin institute:** Wilber Ellis Seed Company, Washington United States. **cultivar:** PURITAN. **collector:** W.J. Kaiser. **other id:** W6 3303. **group:** W6. **locality:** Farmer field near Waverly, Spokane County. **remarks:** Seeds kabuli type, large, white. Leaves pinnately compound. Cultivar. Seed.

PI 572499. *Cicer arietinum* L. FABACEAE Chickpea

Donated by: Sperling, C.R., USDA-ARS, National Germplasm Resources Lab., Bldg. 003, Room 402, BARC-West, Beltsville, Maryland 20705-2350, United States. Received March 07, 1990.

donor id: USSR-05-03. **origin:** Tajikistan. **collected:** September 1989. **collector:** C.R. Sperling. **other id:** W6 3497. **group:** W6. **locality:** Dushanbe market. **latitude:** 38 deg. 35 min. N. **longitude:** 068 deg. 48 min. E. **remarks:** Seeds desi type, brown. Annual. Cultivated. Seed.

PI 572500 to 572507. *Cicer arietinum* L. FABACEAE Chickpea

Donated by: Joshi, N.C., ICRISAT, Patancheru, Andhra Pradesh 502324, India. Received March 08, 1990.

PI 572500 **origin:** India. **cultivar:** ANNIGERI. **other id:** W6 3515. **group:** W6. Annual. Cultivar. Seed.

PI 572501 **donor id:** HI104 88R E# 20. **origin:** India. **pedigree:** ICCX-790151-2P-1H-1H-2H-1H-1H-1HWR-B4. **other id:** W6 3517. **group:** W6. Annual. Cultivar. Seed.

PI 572502 **donor id:** HI104 88R E# 21. **origin:** India. **pedigree:** ICCX-810974-BH-BW-56H-IH-IH-IHWR-BH. **other id:** W6 3518. **group:** W6. Annual. Cultivar. Seed.

PI 572503 **donor id:** HI104 88R E# 4. **origin:** India. **pedigree:** ICCX-81457-3H-1H-1H-1HWR-B4. **other id:** W6 3519. **group:** W6. Annual. Cultivar. Seed.

PI 572500 to 572507-continued

PI 572504 **donor id:** ICCC 37. **origin:** India. **other id:** W6 3524.
group: W6. Annual. Cultivar. Seed.

PI 572505 **donor id:** ICCV 3. **origin:** India. **other id:** W6 3529.
group: W6. Annual. Cultivar. Seed.

PI 572506 **donor id:** ICCV 4. **origin:** India. **other id:** W6 3530.
group: W6. Annual. Cultivar. Seed.

PI 572507 **donor id:** ICCV 5. **origin:** India. **other id:** W6 3531.
group: W6. Annual. Cultivar. Seed.

PI 572508 to 572513. *Cicer arietinum* L. FABACEAE Chickpea

Donated by: Kaiser, W.J., USDA-ARS, Western Regional PI Station,
Western Regional P.I. Station, 59 Johnson Hall, Pullman, Washington
99164-6402, United States. Received November 20, 1991.

PI 572508 **origin:** Italy. **origin institute:** Istituto Sperimentale
per la Patologia Vegetale, Rome Italy. **cultivar:**
CALIA. **other id:** W6 8223. **group:** W6. **remarks:** Seeds
kabuli type. 100 seed weight = 23 grams. Susceptible to
Ascochyta blight. Cultivar. Seed.

PI 572509 **origin:** Italy. **origin institute:** Istituto Sperimentale
per la Patologia Vegetale, Rome Italy. **cultivar:**
CALIFFO. **other id:** W6 8224. **group:** W6. **remarks:** Seeds
desi type. 100 seed weight = 29 grams. Resistance to
Ascochyta blight. Cultivar. Seed.

PI 572510 **origin:** Italy. **origin institute:** Istituto Sperimentale
per la Patologia Vegetale, Rome Italy. **cultivar:**
PRINCIPE. **other id:** W6 8225. **group:** W6. **remarks:** Seeds
kabuli type. 100 seed weight = 35 grams. Susceptible to
Ascochyta blight. Cultivar. Seed.

PI 572511 **origin:** Italy. **origin institute:** Istituto Sperimentale
per la Patologia Vegetale, Rome Italy. **cultivar:**
SULTANO. **other id:** W6 8226. **group:** W6. **remarks:** Seeds
kabuli type. 100 seed weight = 31 grams. Selection from
ILC 3279 with resistance to Ascochyta blight. Cultivar.
Seed.

PI 572512 **origin:** Italy. **origin institute:** Istituto Sperimentale
per la Patologia Vegetale, Rome Italy. **cultivar:**
L153-85. **other id:** W6 8227. **group:** W6. **remarks:** Seeds
kabuli type. 100 seed weight = 33 grams. Cultivar.
Seed.

PI 572508 to 572513-continued

PI 572513 **origin:** Italy. **origin institute:** Istituto Sperimentale per la, Patologia Vegetale, Rome Italy. **cultivar:** L154-85. **other id:** W6 8228. **group:** W6. **remarks:** Seeds kabuli type. 100 seed weight = 36 grams. Cultivar. Seed.

PI 572514 to 572520. *Cicer arietinum* L. FABACEAE Chickpea

Donated by: Crino, P., ENEA, Centro Ricerche Energia Casaccia, Via Anguillarese 301, 00060 S. Maria di Galeria, Rome, Italy. Received November 20, 1991.

PI 572514 **donor id:** 1063. **origin:** Italy. **origin institute:** ENEA, Centro Ricerche Energia Casaccia, Via Anguillarese 301, 00060 S. Maria di Galeria, Rome Italy. **source history:** From Sicily, Italy. **other id:** W6 8229. **group:** W6. **remarks:** Italian ecotype. Seed kabuli type, small, beige, smooth, high yield. 100 seed weight = 33 grams. Breeding Material. Seed.

PI 572515 **donor id:** 1411. **origin:** Italy. **origin institute:** ENEA, Centro Ricerche Energia Casaccia, Via Anguillarese 301, 00060 S. Maria di Galeria, Rome Italy. **source history:** From Marche, Italy. **other id:** W6 8230. **group:** W6. **remarks:** Italian ecotype. Seeds kabuli type, small, beige, smooth, high yield. 100 seed weight = 28 grams. Breeding Material. Seed.

PI 572516 **donor id:** 1849. **origin:** Italy. **origin institute:** ENEA, Centro Ricerche Energia Casaccia, Via Anguillarese 301, 00060 S. Maria di Galeria, Rome Italy. **source history:** From Marche, Italy. **other id:** W6 8231. **group:** W6. **remarks:** Italian ecotype. Seeds kabuli type, small beige, smooth, high yield. 100 seed weight = 37 grams. Breeding Material. Seed.

PI 572517 **donor id:** 2924. **origin:** Italy. **origin institute:** ENEA, Centro Ricerche Energia Casaccia, Via Anguillarese 301, 00060 S. Maria di Galeria, Rome Italy. **source history:** From Molise, Italy. **other id:** W6 8233. **group:** W6. **remarks:** Italian ecotype. Seeds kabuli type, small, beige, smooth, high yield. 100 seed weight = 32 grams. Breeding Material. Seed.

PI 572518 **donor id:** 2985. **origin:** Italy. **origin institute:** ENEA, Centro Ricerche Energia Casaccia, Via Anguillarese 301, 00060 S. Maria di Galeria, Rome Italy. **source history:** From Molise, Italy. **other id:** W6 8234. **group:** W6. **remarks:** Italian ecotype. Seeds kabuli type, large, beige, smooth, high yield. 100 seed weight = 29 grams. Breeding Material. Seed.

PI 572514 to 572520-continued

PI 572519 **donor id:** 3139. **origin:** Italy. **origin institute:** ENEA, Centro Ricerche Energia Casaccia, Via Anguillarese 301, 00060 S. Maria di Galeria, Rome Italy. **source history:** From Emilia, Italy. **other id:** W6 8236. **group:** W6. **remarks:** Italian ecotype. Seeds desi type, dark brown, small, rough, high yield. 100 seed weight = 22 grams. Breeding Material. Seed.

PI 572520 **donor id:** 321. **origin:** Italy. **origin institute:** ENEA, Centro Ricerche Energia Casaccia, Via Anguillarese 301, 00060 S. Maria di Galeria, Rome Italy. **source history:** From Campania, Italy Italy. **other id:** W6 8237. **group:** W6. **remarks:** Italian ecotype. Seeds desi type, small, black, rough. Resistant to Ascochyta blight. Breeding Material. Seed.

PI 572521 to 572524. *Cicer arietinum* L. FABACEAE

Donated by: Abbas, A.I., ICARDA, Amman Office, P.O. Box 950764, Amman, Jordan. Received December 01, 1991.

PI 572521 **origin:** Iraq. **other id:** W6 8345. **group:** W6. **other id:** IQ 215006. Cultivated. Seed.

PI 572522 **origin:** Iraq. **other id:** W6 8351. **group:** W6. **other id:** IQ 215012. Cultivated. Seed.

PI 572523 **origin:** Iraq. **other id:** W6 8352. **group:** W6. **other id:** IQ 215013. Cultivated. Seed.

PI 572524 **origin:** Iraq. **other id:** W6 8360. **group:** W6. **other id:** IQ 215022. Cultivated. Seed.

PI 572525 to 572531. *Cicer arietinum* L. FABACEAE

Donated by: Kaiser, W.J., USDA-ARS, Western Regional P.I. Station, Washington State Univ., 59 Johnson Hall, Pullman, Washington 99164-6402, United States. Received .

PI 572525 **origin:** Tunisia. **cultivar:** ANDOUN. **collected:** April 01, 1991. **collector:** W.J. Kaiser. **other id:** W6 9482. **group:** W6. **remarks:** Seeds kabuli type, large. Resistant to Race 0 of *Fusarium oxysporum* f. sp. *ciceri* in Spain. Cultivar. Seed.

PI 572525 to 572531-continued

- PI 572526 **origin:** Spain. **source history:** Originally from M. Rendon, Centro de Investigacion y Desarrollo Agrario, Las Torres, Alcala del Rio, Sevilla, Spain. **cultivar:** EL MULATO. **collected:** April 01, 1991. **collector:** W.J. Kaiser. **other id:** W6 9485. **group:** W6. **remarks:** Seeds desi type, large, brown. Cultivar. Seed.
- PI 572527 **origin:** Mexico. **source history:** Originally from M. Rendon, Centro de Investigacion y Desarrollo Agrario, Las Torres, Alcala del Rio, Sevilla, Spain. **cultivar:** MEJICANO. **collected:** April 01, 1991. **collector:** W.J. Kaiser. **other id:** W6 9487. **group:** W6. **remarks:** Seeds kabuli type, large. Cultivar. Seed.
- PI 572528 **origin:** Spain. **source history:** Originally from M. Rendon, Centro de Investigacion y Desarrollo Agrario, Las Torres, Alcala del Rio, Sevilla, Spain. **cultivar:** PAIS. **collected:** April 01, 1991. **collector:** W.J. Kaiser. **other id:** W6 9488. **group:** W6. **remarks:** Seeds kabuli type, large. Cultivar. Seed.
- PI 572529 **origin:** Spain. **origin institute id:** ILC 1929. **source history:** Originally from A. Trapero Casas, Dept. of Agronomy, Univ. of Cordoba. **collected:** April 01, 1991. **collector:** W.J. Kaiser. **other id:** W6 9496. **group:** W6. **remarks:** Used as a differential host for *Ascochyta rabiei* to study virulence of isolates of the pathogen. Breeding Material. Seed.
- PI 572530 **origin:** Spain. **origin institute id:** ILC 3996. **source history:** Originally from A. Trapero Casas, Dept. of Agronomy, Univ. of Cordoba. **collected:** April 01, 1991. **collector:** W.J. Kaiser. **other id:** W6 9498. **group:** W6. **remarks:** Used as a differential host for *Ascochyta rabiei* to study virulence of isolates of the pathogen. Breeding Material. Seed.
- PI 572531 **origin:** Spain. **source history:** Originally from R.M Jimenez Diaz, Dept. of Agronomy, Univ. of Cordoba. **collected:** April 01, 1991. **collector:** W.J. Kaiser. **other id:** P-2245. **group:** ICRISAT. **other id:** PV-13. **other id:** W6 9502. **group:** W6. **remarks:** Used as a differential host for separating races of *Fusarium oxysporum* f. sp. *ciceri* (Foc). Susceptible to Races 0 and 5 of Foc. Breeding Material. Seed.

PI 572532 to 572534. *Cicer arietinum* L. FABACEAE Chickpea

Donated by: ICRISAT, Patancheru P.O., Andhra Pradesh 502 324, India. Received March 10, 1992.

PI 572532 to 572534-continued

PI 572532 **origin:** India. **pedigree:**
ICCX-810974-BW-BW-56H-1H-1H-1HWR-BH. **other id:** W6 10105.
group: W6. **other id:** ICCX-810974. Cultivated. Seed.

PI 572533 **origin:** India. **pedigree:**
ICCX-790151-2P-1H-1H-2H-1H-1H-1HWR-BH. **other id:** W6
10106. **group:** W6. **other id:** ICCX-790151. Cultivated.
Seed.

PI 572534 **origin:** India. **pedigree:**
ICCX-800859-BPN-BPN-BPN-3BPN-1HWR-BH. **other id:** W6
10107. **group:** W6. **other id:** ICCX-800859. Cultivated.
Seed.

PI 572535. *Cicer arietinum* L. FABACEAE Chickpea

Donated by: Kaiser, W.J., USDA-ARS, Western Regional P.I. Station,
Washington State University, Pullman, Washington 99164, United
States. Received June 02, 1992.

origin: Egypt. **collected:** April 17, 1992. **collector:**
W.J. Kaiser. **collector id:** E92-10. **other id:** W6 10483.
group: W6. **locality:** Bazaar in Cairo. Cultivated.
Seed.

PI 572536. *Cicer judaicum* Boiss. FABACEAE

Donated by: Singh, K.B., ICARDA, P.O. Box 5466, Aleppo, Syria.
Received May 18, 1987.

donor id: ILWC 33-5/8. **origin:** UNKNOWN. **other id:** ILWC
33-5/9. **group:** ICARDA. **other id:** ILWC 33. **group:**
ICARDA. **other id:** W6 4271. **group:** W6. **other id:** W6
4272. **group:** W6. Seed.

PI 572537. *Cicer reticulatum* Ladiz. FABACEAE

Donated by: Ankara University, Ankara, Turkey; and Sperling, C.R.,
USDA-ARS, National Germplasm Services Lab., Bldg. 003, Room 402,
BARC-West, Beltsville, Maryland 20705-2350, United States.
remarks: A USDA sponsored collection in cooperation with Oregon
State University and IBPGR. Received October 15, 1989.

PI 572537-continued

donor id: TU86-09-01. **origin:** Turkey. **collected:** July 03, 1986. **collector:** C.R. Sperling, D. Eser, H.H. Gecit, A.A. Atchley. **collector id:** TU86-09-01. **other id:** W6 9445. **group:** W6. **other id:** CS-47. **locality:** Steep S facing slope above Zap River, rocky slopes and open oak scrub, 1.5km SW of Cemenli on Hakkari-Cukurca road, Hakkari Province. **latitude:** 37 deg. 29 min. N. **longitude:** 043 deg. 38 min. E. **elevation:** 1150m. **remarks:** Wild annual in loose rocky rubble, full sun and partial shade. Fruits not dehiscent until very dry. Many dry fruits remaining on plant. Growing with wild *Lens orientalis* (TU86-09-04) and *Pisum sativum* (TU86-09-02). Seeds echinate reticulate. Sperling Herbarium Voucher no. 6871. Wild. Seed.

PI 572538 to 572540. *Trigonella foenum-graecum* L. FABACEAE Fenugreek

Donated by: Kaiser, W.J., USDA-ARS, Western Regional P.I. Station, Washington State University, Pullman, Washington 99164, United States. Received June 02, 1992.

PI 572538 **origin:** Egypt. **collector:** Walter J. Kaiser. **collector id:** E92-4. **other id:** W6 10477. **group:** W6. **locality:** Market, Nubaria area of the north Delta area. Cultivated. Seed.

PI 572539 **origin:** Egypt. **collected:** April 17, 1992. **collector:** Walter J. Kaiser. **collector id:** E92-14. **other id:** W6 10487. **group:** W6. **locality:** Bazaar in Cairo. Cultivated. Seed.

PI 572540 **origin:** Syria. **collector:** Walter J. Kaiser. **collector id:** S92-3. **other id:** W6 10491. **group:** W6. **locality:** Large bazaar in Aleppo. Cultivated. Seed.

PI 572541. *Vicia faba* L. FABACEAE Broad-bean

Donated by: Kaiser, W.J., USDA-ARS, Western Regional P.I. Station, Washington State University, Pullman, Washington 99164, United States. Received June 02, 1992.

origin: Syria. **collector:** Walter J. Kaiser. **collector id:** S92-4. **other id:** W6 10492. **group:** W6. **locality:** Large bazaar in Aleppo. Grown in vicinity of Aleppo. **remarks:** Seeds large. Cultivated. Seed.

PI 572542. *Triticum aestivum* L., nom. cons. POACEAE Wheat

Donated by: Cox, T.S., Agricultural Research Service -- USDA, Kansas State University, Agronomy Dept., Manhattan, Kansas 66506, United States; and Kansas Agr. Exp. Sta.. **remarks:** KS92WGRC26 Wheat Germplasm. Received August 06, 1993.

origin: United States. **developed:** T.S. Cox, J.H. Hatchett, R.G. Sears, B.S. Gill. **origin institute:** Agricultural Research Service -- USDA, Kansas State Univ., Dept. of Agronomy, Manhattan, Kansas 66506 United States. **origin institute id:** KS92WGRC26. **cultivar:** KS92WGRC26. **pedigree:** Karl*3/TA2473. **other id:** GP-397. **group:** CSR-WHEAT. **restricted:** CSR. **remarks:** Possesses Hessian fly resistance gene H26 transferred from *Triticum tauschii* accession TA2473. Similar to cultivar Karl in most agronomic traits. Winter Annual. Breeding Material. Seed.

PI 572543. *Medicago sativa* L. FABACEAE Alfalfa

Donated by: Sorensen, E.L., Agricultural Research Service -- USDA, Kansas State University, Agronomy Dept., Manhattan, Kansas 66506, United States; and Kansas Agr. Exp. Sta.. **remarks:** KS224 Alfalfa Germplasm. Received August 06, 1993.

* *Medicago sativa* L. subsp. *sativa* FABACEAE Alfalfa
origin: United States. **developed:** E.L. Sorensen, D.L. Stuteville, E.K. Horber, D.Z. Skinner. **origin institute:** Agricultural Research Service -- USDA, Kansas State University, Agronomy Dept., Throckmorton Hall, Manhattan, Kansas 66506 United States. **cultivar:** KS224.
pedigree: Intermating F1 plants from cross of diploids (2n=2x=16) *Medicago glandulosa* and *M. prostrata* with KS219, a multiple pest-resistant *M. sativa* (2n=4x=32).
other id: W6 12537. **group:** W6. **other id:** GP-272.
source: Crop Sci. 34(2):544 1994. **group:** CSR-ALFALFA.
restricted: CSR. **remarks:** Synthetic alfalfa with long stalked-and short stalked-glandular hairs from *Medicago glandulosa* and *M. prostrata*, respectively. Resistant to anthracnose (*Colletotrichum trifolii*), downy mildew (*Peronospora trifoliorum*), blue alfalfa aphid (*Acyrtosiphon kondoi*), pea aphid (*A. pisum*) and spotted alfalfa aphid (*Therioaphis maculata*). Low resistance to bacterial wilt (*Clavibacter michiganese* subsp. *insidiosum*) and phytophthora root rot (*Phytophthora medicaginis*). Breeding Material. Seed.

PI 572544. *Carthamus tinctorius* L. ASTERACEAE Safflower

Donated by: Mundel, H.H., Agr. Canada Research Station, Lethbridge, Alberta T1J 4B1, Canada. Received August 16, 1993.

PI 572544-continued

origin: Canada. **developed:** H.H. Mundel. **origin institute:** Agr. Canada Research Station, Lethbridge, Alberta T1J 4B1 Canada. **cultivar:** LESAF 175. **other id:** GP-32. **source:** Crop Sci. 27(2):369 1987. **group:** CSR-SAFFLOWER. **other id:** W6 7110. **group:** W6. **remarks:** Maturity 2 to 4 days earlier than S-208. Flower color white. Oil content equal to S-208 at 37%. Yield exceeding S-208 by 30% under dryland Canadian Prairie conditions. Resistant to rust. Susceptible to Sclerotinia head rot. Breeding Material. Seed.

PI 572545. *Zea mays* L. subsp. *mays* POACEAE Corn

Donated by: Kleinwanzlebener Saatzucht Ag., Germany. Received August 16, 1993.

origin: Germany. **origin institute:** Kleinwanzlebener Saatzucht Ag. Germany. **cultivar:** KW7691. **other id:** PVP 9300237. **source:** Pending. **group:** PVPO. **patent:** PVPO. Cultivar. Seed.

PI 572546. *Triticum aestivum* L., nom. cons. POACEAE Wheat

Donated by: MBS Seed, Inc., United States. Received August 16, 1993.

origin: United States. **origin institute:** MBS Seed, Inc. United States. **cultivar:** 822. **other id:** PVP 9300264. **source:** Pending. **group:** PVPO. **patent:** PVPO. Cultivar. Seed.

PI 572547. *Avena sativa* L. POACEAE Oat

Donated by: Purdue University Agr. Exp. Sta., United States. Received August 16, 1993.

origin: United States. **origin institute:** Purdue University Agr. Exp. Sta. United States. **cultivar:** IN9201. **other id:** PVP 9300265. **source:** Pending. **group:** PVPO. **patent:** PVPO. Cultivar. Seed.

PI 572548. *Triticum aestivum* L., nom. cons. POACEAE Wheat

Donated by: Purdue University Agr. Exp. Sta., United States. Received August 16, 1993.

PI 572548-continued

origin: United States. **origin institute:** Purdue University Agr. Exp. Sta. United States. **cultivar:** GRANT. **other id:** PVP 9300266. **source:** Pending. **group:** PVPO. **patent:** PVPO. Cultivar. Seed.

PI 572549. Phaseolus vulgaris L. FABACEAE Garden bean

Donated by: Harris Moran Seed Company, United States. Received August 16, 1993.

origin: United States. **origin institute:** Harris Moran Seed Company United States. **cultivar:** TEMPEST. **other id:** PVP 9300267. **source:** Pending. **group:** PVPO. **patent:** PVPO. Cultivar. Seed.

PI 572550. Zea mays L. subsp. mays POACEAE Corn

Donated by: Ciba-Geigy Corporation, Seeds Division, United States. Received August 16, 1993.

origin: United States. **origin institute:** Ciba-Geigy Corporation, Seeds Division United States. **cultivar:** CG00637. **other id:** PVP 9300268. **source:** Pending. **group:** PVPO. **patent:** PVPO. Cultivar. Seed.

PI 572551. Zea mays L. subsp. mays POACEAE Corn

Donated by: Ciba-Geigy Corporation, Seeds Division, United States. Received August 16, 1993.

origin: United States. **origin institute:** Ciba-Geigy Corporation, Seeds Division United States. **cultivar:** CG00642. **other id:** PVP 9300269. **source:** Pending. **group:** PVPO. **patent:** PVPO. Cultivar. Seed.

PI 572552. Zea mays L. subsp. mays POACEAE Corn

Donated by: Ciba-Geigy Corporation, Seeds Division, United States. Received August 16, 1993.

origin: United States. **origin institute:** Ciba-Geigy Corporation, Seeds Division United States. **cultivar:** CG00653. **other id:** PVP 9300270. **source:** Pending. **group:** PVPO. **patent:** PVPO. Cultivar. Seed.

PI 572553. Zea mays L. subsp. mays POACEAE Corn

Donated by: Ciba-Geigy Corporation, Seeds Division, United States.
Received August 16, 1993.

origin: United States. **origin institute:** Ciba-Geigy Corporation, Seeds Division United States. **cultivar:** CG00684. **other id:** PVP 9300271. **source:** Pending.
group: PVPO. **patent:** PVPO. Cultivar. Seed.

PI 572554. Zea mays L. subsp. mays POACEAE Corn

Donated by: Ciba-Geigy Corporation, Seeds Division, United States.
Received August 16, 1993.

origin: United States. **origin institute:** Ciba-Geigy Corporation, Seeds Division United States. **cultivar:** CG00685. **other id:** PVP 9300272. **source:** Pending.
group: PVPO. **patent:** PVPO. Cultivar. Seed.

PI 572555. Zea mays L. subsp. mays POACEAE Corn

Donated by: Ciba-Geigy Corporation, Seeds Division, United States.
Received August 16, 1993.

origin: United States. **origin institute:** Ciba-Geigy Corporation, Seeds Division United States. **cultivar:** CG00708. **other id:** PVP 9300273. **source:** Pending.
group: PVPO. **patent:** PVPO. Cultivar. Seed.

PI 572556. Zea mays L. subsp. mays POACEAE Corn

Donated by: Ciba-Geigy Corporation, Seeds Division, United States.
Received August 16, 1993.

origin: United States. **origin institute:** Ciba-Geigy Corporation, Seeds Division United States. **cultivar:** CG00712. **other id:** PVP 9300274. **source:** Pending.
group: PVPO. **patent:** PVPO. Cultivar. Seed.

PI 572557. Zea mays L. subsp. mays POACEAE Corn

Donated by: Ciba-Geigy Corporation, Seeds Division, United States.
Received August 16, 1993.

origin: United States. **origin institute:** Ciba-Geigy Corporation, Seeds Division United States. **cultivar:** CG00716. **other id:** PVP 9300275. **source:** Pending.
group: PVPO. **patent:** PVPO. Cultivar. Seed.

PI 572558. *Zea mays* L. subsp. *mays* POACEAE Corn

Donated by: Ciba-Geigy Corporation, Seeds Division, United States.
Received August 16, 1993.

origin: United States. **origin institute:** Ciba-Geigy Corporation, Seeds Division United States. **cultivar:** CG00717. **other id:** PVP 9300276. **source:** Pending. **group:** PVPO. **patent:** PVPO. Cultivar. Seed.

PI 572559. *Zea mays* L. subsp. *mays* POACEAE Corn

Donated by: Ciba-Geigy Corporation, Seeds Division, United States.
Received August 16, 1993.

origin: United States. **origin institute:** Ciba-Geigy Corporation, Seeds Division United States. **cultivar:** CG00721. **other id:** PVP 9300277. **source:** Pending. **group:** PVPO. **patent:** PVPO. Cultivar. Seed.

PI 572560. *Capsicum chinense* Jacq. SOLANACEAE Habanero pepper

Donated by: Must Sell, Inc., United States. Received August 16, 1993.

origin: United States. **origin institute:** Must Sell, Inc. United States. **cultivar:** DAVIE PEACH. **other id:** PVP 9300278. **source:** Pending. **group:** PVPO. **patent:** PVPO. Cultivar. Seed.

PI 572561. *Allium cepa* L. LILIACEAE Onion

Donated by: Shamrock Seed Company, United States. Received August 16, 1993.

origin: United States. **origin institute:** Shamrock Seed Company United States. **cultivar:** SSC 0019. **other id:** PVP 9300279. **source:** Pending. **group:** PVPO. **patent:** PVPO. Cultivar. Seed.

PI 572562. *Allium cepa* L. LILIACEAE Onion

Donated by: Shamrock Seed Company, United States. Received August 16, 1993.

origin: United States. **origin institute:** Shamrock Seed Company United States. **cultivar:** SSC 0020. **other id:** PVP 9300280. **source:** Pending. **group:** PVPO. **patent:** PVPO. Cultivar. Seed.

PI 572563. *Secale cereale* L. POACEAE Winter rye

Donated by: Forsberg, R.A., Wisconsin Agr. Exp. Sta., University of Wisconsin, Madison, Wisconsin 53706-1597, United States. Received August 16, 1993.

origin: United States. **developed:** R.A. Forsberg. **origin institute:** Wisconsin Agric. Exp. Station, University of Wisconsin, Dept. of Agronomy, 1575 Linden Drive, Madison, Wisconsin 53706-1597 United States. **origin institute id:** Syn. 5. **cultivar:** SPOONER. **pedigree:** 250 seeds from each of eight rye inbred lines. **other id:** PVP 9300281. **source:** Pending. **group:** PVPO. **patent:** PVPO. **remarks:** Grain yield averages have exceeded Hancock by 4.0 b/a at Arlington and 8.5 b/a at Madison. Test weight averages consistently 0.6 to 0.8 lbs/b above Hancock. Heads 0.5 to 1.0 day earlier than Hancock. Averaging 3 inches taller than Hancock. Straw strength very good. Lodging 31.5% vs. 51.3% for Hancock in 3 tests where lodging occurred. Kernels wheat-like in color predominate with remainder ranging from wheat-like to light emerald. Cultivar. Seed.

PI 572564. *Festuca arundinacea* Schreber POACEAE Tall fescue

Donated by: Willamette Valley Plant Breeders, Inc., United States. Received August 16, 1993.

origin: United States. **origin institute:** Willamette Valley Plant Breeders, Inc. United States. **cultivar:** CAMARILLO. **other id:** PVP 9300282. **source:** Pending. **group:** PVPO. **patent:** PVPO. Cultivar. Seed.

PI 572565. *Festuca arundinacea* Schreber POACEAE Tall fescue

Donated by: New Zealand Pastoral Agr. Res. Inst. Ltd, New Zealand. Received August 16, 1993.

origin: New Zealand. **origin institute:** New Zealand Pastoral Agr. Res. Inst. Ltd New Zealand. **cultivar:** GRASSLANDS ADVANCE. **other id:** PVP 9300283. **source:** Pending. **group:** PVPO. **patent:** PVPO. Cultivar. Seed.

PI 572566. *Cynodon dactylon* (L.) Pers. POACEAE Bermudagrass

Donated by: Croughan, S.S., Louisiana Agr. Exp. Sta., Rice Research Station, Crowley, Louisiana 70527-1429, United States. **remarks:** Brazos-R3 Bermudagrass Germplasm. Received August 16, 1993.

PI 572566-continued

* *Cynodon dactylon* (L.) Pers. var. *dactylon* POACEAE
Bermudagrass
origin: United States. **developed:** S.S. Croughan, S.S. Quisenberry, M.M. Eichhorn, Jr., P.D. Colyer, T.F. Brown.
origin institute: Louisiana Agr. Exp. Sta., Rice Research Station, P.O. Box 1429, Crowley, Louisiana 70527-1429 United States. **cultivar:** BRAZOS-R3. **pedigree:** Somaclone developed from Brazos bermudagrass. **other id:** GP-1.
source: Crop Sci. 34(2):542 1994. **group:** CSR-BERMUDAGRASS. **other id:** B22. **restricted:** CSR.
remarks: Identical to Brazos in basic agronomic performance (e.g., yield and nutritional quality) but has increased resistance to fall armyworm (*Spodoptera frugiperda*). Perennial. Breeding Material. Plant.

PI 572567. *Aeschynomene evenia* C. Wright FABACEAE

Donated by: Kretschmer, Jr., A.E., University of Florida, IFAS, Agricultural Res. & Educational Center, Box 248, Ft. Pierce, Florida 34954-0248, United States. Received August 04, 1993.

origin: United States. **developed:** A.E. Kretschmer, Jr.
origin institute: University of Florida, IFAS, AREC, Box 248, Ft. Pierce, Florida 34954-0248 United States.
pedigree: Selected from Bulk 4B at the IFAS, University of Florida, Fort Pierce, FL. **collected:** December 11, 1991. **collector:** A.E. Kretschmer, Jr.. **other id:** IRFL 6945. **remarks:** Short-lived perennial or biennial depending on frost occurrence. Plants to 2m high, branching from soil level crown and aerial plant main stem. Leaves 3-50 foliolate. Flowers reddish pink (prior to opening) and mauve with reddish-pink centers when open. Flowers 7-9mm wide and 7-10mm long producing normally slightly curved fruit, 7-12 articulate, 3-4mm wide and 25-30mm long, which break at articulations after maturity. Photoperiod day-length neutral, flowering beginning in spring as plants are maturing and continuous on undisturbed plants. Cultivated. Seed.

PI 572568. *Paspalum atratum* Swallen POACEAE

Donated by: Kretschmer, Jr., A.E., University of Florida, IFAS, Agricultural Res. & Educational Center, Box 248, Ft. Pierce, Florida 34954-0248, United States. Received August 04, 1993.

origin: Brazil. **developed:** A.E. Kretschmer, Jr. **origin institute:** University of Florida, IFAS, AREC, Box 248, Fort Pierce, Florida 34954-0248 United States. **source history:** One plant collected and increased by Mr. Rayman, but never utilized. **collected:** 1985. **collector:** Paul R. Rayman, Rayman Seed Company, Campo Grande, Brazil. **other id:** IRFL 658. **locality:** Roadside leading to main highway about half way between the Campo Grande airport and EMBRAPA Research Center, Campo Grande. **remarks:** Perennial, erect species taxonomically close to *Paspalum plicatulum* but more robust (compared with the less robust cv. Rodds Bay, commercially used in Australia). Culms reaching 2m in height, 50-75cm long, and 3-10mm wide linear leaf blades and a very dense root system. A single flowering period begins in Florida about the first week of October with seed ready for harvesting about 4 weeks later. Seeds drop easily upon maturation. Perennial. Cultivated. Seed.

PI 572569. *Leymus arenarius* (L.) Hochst. POACEAE Beach wildrye

Donated by: Wright, S.J., Alaska Plant Materials Center, Div. of Agric., Dep. of Nat. Resources, Palmer, Alaska 99645, United States. **remarks:** Reeve Beach Wildrye. Received August 17, 1993.

origin: United States. **developed:** Stoney J. Wright. **origin institute:** Alaska Plant Materials Center, Div. of Agric., Dep. of Nat. Resources, HC 02 Box 7440, Palmer, Alaska 99645 United States. **cultivar:** REEVE. **pedigree:** Mass sel. from PI 345978. **other id:** CV-162. **source:** Crop Sci. 34(2):537 1994. **group:** CSR-OTHER GRASSES. **other id:** W6 12813. **group:** W6. **restricted:** CSR. **remarks:** Uniform, tall growing, perennial sod-forming grass. Typically, plants do not exceed 1.3m in height. Relatively late-maturing crop at Palmer, Alaska. Seed harvested in mid August. Seed production 112-224kg ha⁻¹. Unlike most commercially grown grasses, the first seed harvest cannot be expected until the third year after planting. Perennial. Cultivar. Seed.

PI 572570. *Eleusine coracana* (L.) Gaertner POACEAE Finger millet

Donated by: Gupta, S.C., SADC/ICRISAT SMIP, P.O. Box 776, Bulawayo, Zimbabwe; and Dept. of Res. & Specialist Services, Zimbabwe. **remarks:** SDEV 87001 Finger Millet. Received August 17, 1993.

PI 572570-continued

origin: Zimbabwe. **developed:** S.C. Gupta, J.N. Mushonga.
origin institute: SADC/ICRISAT SMIP, P.O. Box 776,
Bulawayo Zimbabwe. **cultivar:** SDEV 87001. **pedigree:**
Selection from PI 462703. **other id:** CV-163. **source:**
Crop Sci. 34(2):536 1994. **group:** CSR-OTHER GRASSES.
restricted: CSR. **remarks:** Produced 3.46 t grain yield
ha⁻¹ (67% more than farmers' local). Averages 87 d to 75%
heading and matures in 110 d. Height medium (83cm) with
robust stem. Resistant to lodging. Anther color cream.
High number of earheads plant⁻¹ (9.3) with short fingers
(5.0cm), and on an average 6.6 fingers earhead⁻¹. Grain
medium size, round, copper brown color. Plant
pigmentation green. Inflorescence shape semi-compact and
finger branching is absent. Good malting characteristics
with a diastatic unit of 73. Spring Annual. Cultivar.
Seed.

PI 572571. *Avena sativa* L. POACEAE Oat

Donated by: Forsberg, R.A., Wisconsin Agr. Exp. Sta., University of
Wisconsin, 1575 Linden Drive, Madison, Wisconsin 53706-1597, United
States. Received August 17, 1993.

origin: United States. **developed:** R.A. Forsberg. **origin
institute:** Wisconsin Agric. Exp. Station, University of
Wisconsin, Dept. of Agronomy, 1575 Linden Drive, Madison,
Wisconsin 53706-1597 United States. **origin institute
id:** Wisc. X5445-4. **cultivar:** BAY. **pedigree:**
Hazel/2/N569-42-40B/Noble. **other id:** PVP 9400017.
source: Pending. **group:** PVPO. **patent:** PVPO. **remarks:**
Average yield 91.2 b/a. Excellent resistance to crown
rust, including resistance to a new race which appeared
in southern Wisconsin in 1991. Minimal resistance to stem
rust. Better than average for tolerance to the yellow
dwarf virus. Moderately resistant to loose smut in
Wisconsin and Winnipeg tests. Kernels large, broad,
yellow, nonfluorescent. Groat percent average. Forage
yield average of 2 years (1990-1991) (5,520 lbs/a)
exceeded the average of Ensiler (4.720 lbs/a) by 800
lbs/a. Cultivar. Seed.

PI 572572. *Cyperus esculentus* L. CYPERACEAE

Donated by: Duato, E. Sanchis, Unidad Investigacion FITOGRAFIA,
Depto. Biologia Vegetal, Facultad de Ciencias Biologicas, Burjasot,
Valencia 46100, Spain. Received August 10, 1993.

origin: Spain. **cultivar:** GRANZA. **local name:** Chufa, Xufa. **other id:** W6 12536. **group:** W6. **locality:** Irrigated field, Alboraya, Valencia. **latitude:** 39 deg. 30 min. N. **longitude:** 000 deg. 21 min. W. **elevation:** 10m. **remarks:** Stolons subterranean that enlarge towards their extremities and form small, round or frequently ovoid tubers, which are slightly curved, wider at one end (10-25mm long x 8-12mm wide), dark color with 4 outstanding darker lines around tuber. Stems 3-sided, 50cm tall, smooth without hairs. Leaves grasslike, erect, 4-8mm wide. Flowers very small, in reddish-gold spikelets, 6-12mm long. Pest resistant and cold tolerant. May be planted as soon as soil temp. rises above 12 deg. C. Used as a refreshing beverage. Perennial. Cultivated. Tuber.

PI 572573. *Hordeum vulgare* L. subsp. *vulgare* POACEAE

Donated by: Mattatia, J., University of Missouri, Department of Agronomy, 205 Curtis Hall, Columbia, Missouri 65211, United States. Received August 20, 1993.

origin: Israel. **collected:** April 12, 1985. **collector:** J. Mattatia, University of Missouri, Columbia, MO. **collector id:** JM-3988. **other id:** NSGC 1151. **locality:** Abud, Samaria. Landrace. Seed.

PI 572574 to 572600. *Hordeum vulgare* L. subsp. *vulgare* POACEAE

Donated by: Liu, C.T., University of Idaho, Idaho Agric. Exp. Station, Moscow, Idaho 83843, United States. Received August 20, 1993.

PI 572574 **donor id:** PRC92-1. **origin:** China. **cultivar:** XI YIN NO. 2. **other id:** NSGC 1426. Cultivar. Seed.

PI 572575 **donor id:** PRC92-2. **origin:** China. **cultivar:** XINONGDA NO. 1. **other id:** NSGC 1427. Cultivar. Seed.

PI 572576 **donor id:** PRC92-3. **origin:** China. **cultivar:** XINONGDA NO. 2. **other id:** NSGC 1428. Cultivar. Seed.

PI 572577 **donor id:** PRC92-4. **origin:** China. **cultivar:** XINONGDA NO. 3. **other id:** NSGC 1429. Cultivar. Seed.

PI 572578 **donor id:** PRC92-5. **origin:** China. **cultivar:** XINONGDA NO. 4. **other id:** NSGC 1430. Cultivar. Seed.

PI 572579 **donor id:** PRC92-6. **origin:** China. **cultivar:** XINONGDA NO. 5. **other id:** NSGC 1431. Cultivar. Seed.

PI 572574 to 572600-continued

- PI 572580 donor id: PRC92-7. origin: China. cultivar: XINONGDA NO. 6. other id: NSGC 1432. Cultivar. Seed.
- PI 572581 donor id: PRC92-8. origin: China. cultivar: XINONGDA NO. 7. other id: NSGC 1433. Cultivar. Seed.
- PI 572582 donor id: PRC92-9. origin: China. cultivar: XINONGDA NO. 8. other id: NSGC 1434. Cultivar. Seed.
- PI 572583 donor id: PRC92-10. origin: China. cultivar: XINONGDA NO. 9. other id: NSGC 1435. Cultivar. Seed.
- PI 572584 donor id: PRC92-11. origin: China. cultivar: XINONGDA NO. 10. other id: NSGC 1436. Cultivar. Seed.
- PI 572585 donor id: PRC92-12. origin: China. origin institute id: 870413. other id: NSGC 1437. Breeding Material. Seed.
- PI 572586 donor id: PRC92-13. origin: China. cultivar: HUOSHAOTOU LUREN. other id: NSGC 1438. Cultivar. Seed.
- PI 572587 donor id: PRC92-14. origin: China. cultivar: CHUAN KE NO. 1. other id: NSGC 1439. Cultivar. Seed.
- PI 572588 donor id: PRC92-15. origin: China. cultivar: ALI. other id: NSGC 1440. Cultivar. Seed.
- PI 572589 donor id: PRC92-16. origin: China. cultivar: DAN NO. 7. other id: NSGC 1441. Cultivar. Seed.
- PI 572590 donor id: PRC92-17. origin: China. origin institute id: 217. other id: NSGC 1442. Breeding Material. Seed.
- PI 572591 donor id: PRC92-18. origin: China. cultivar: TUNGDE NO. 8. other id: NSGC 1443. Cultivar. Seed.
- PI 572592 donor id: PRC92-19. origin: China. cultivar: DAN NO. 1. other id: NSGC 1444. Cultivar. Seed.
- PI 572593 donor id: PRC92-20. origin: China. cultivar: SARDO. other id: NSGC 1445. Cultivar. Seed.
- PI 572594 donor id: PRC92-21. origin: China. cultivar: HUANGYI NO. 5. other id: NSGC 1446. Cultivar. Seed.
- PI 572595 donor id: PRC92-22. origin: China. cultivar: LIYAERPU. other id: NSGC 1447. Cultivar. Seed.
- PI 572596 donor id: PRC92-23. origin: China. cultivar: YUNG NO. 4138. other id: NSGC 1448. Cultivar. Seed.

PI 572574 to 572600-continued

- PI 572597 donor id: PRC92-24. origin: China. cultivar: XINONGDA NO. 3. other id: NSGC 1449. Cultivar. Seed.
- PI 572598 donor id: PRC92-25. origin: China. cultivar: XINONGDA SELECTION. other id: NSGC 1450. Cultivar. Seed.
- PI 572599 donor id: PRC92-26. origin: China. other id: NSGC 1451. Landrace. Seed.
- PI 572600 donor id: PRC92-27. origin: China. other id: NSGC 1452. Landrace. Seed.

PI 572601 to 572611. *Hordeum vulgare* L. subsp. *vulgare* POACEAE

Donated by: Joshi, B.D., N.B.P.G.R., Regional Station, Phagli, Shimla, Himachal Pradesh 171 004, India. Received August 20, 1993.

- PI 572601 origin: India. cultivar: BHS 241. other id: NSGC 1453. Cultivar. Seed.
- PI 572602 origin: India. cultivar: BHS 248. other id: NSGC 1454. Cultivar. Seed.
- PI 572603 origin: India. cultivar: BHS 249. other id: NSGC 1455. Cultivar. Seed.
- PI 572604 origin: India. cultivar: BHS 254. other id: NSGC 1456. Cultivar. Seed.
- PI 572605 origin: India. cultivar: HLB 259. other id: NSGC 1457. Cultivar. Seed.
- PI 572606 origin: India. cultivar: HLB 260. other id: NSGC 1458. Cultivar. Seed.
- PI 572607 origin: India. cultivar: HLB 262. other id: NSGC 1459. Cultivar. Seed.
- PI 572608 origin: India. cultivar: VLB 8. other id: NSGC 1460. Cultivar. Seed.
- PI 572609 origin: India. cultivar: VLB 100. other id: NSGC 1461. Cultivar. Seed.
- PI 572610 origin: India. cultivar: VLB 102. other id: NSGC 1462. Cultivar. Seed.
- PI 572611 origin: India. cultivar: KINNAURI LOCAL. other id: NSGC 1463. Landrace. Seed.

PI 572612 to 572654. *Triticum aestivum* L., nom. cons. POACEAE

Donated by: Dragavtsev, V., N.I. Vavilov Inst. of Plant Industry, 44 Herzen Street, St. Petersburg 190000, Russian Federation. Received August 20, 1993.

- PI 572612 **origin:** Russian Federation. **cultivar:** BELOCERKOVSKIJ SHI 2. **collector:** N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 49911. **other id:** NSGC 21. Cultivar. Seed.
- PI 572613 **origin:** Russian Federation. **cultivar:** FERRUGINEUM 59. **collector:** N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 41255. **other id:** NSGC 23. Cultivar. Seed.
- PI 572614 **origin:** Russian Federation. **cultivar:** AHTYRCANKA. **collector:** N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 53653. **other id:** NSGC 25. Cultivar. Seed.
- PI 572615 **origin:** Russian Federation. **cultivar:** AL'BIDUM 12. **collector:** N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 54701. **other id:** NSGC 26. Cultivar. Seed.
- PI 572616 **origin:** Russian Federation. **cultivar:** BASKIRSKAJA 7. **collector:** N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 45170. **other id:** NSGC 28. Cultivar. Seed.
- PI 572617 **origin:** Russian Federation. **cultivar:** HAR'KOVSKAJA 81. **collector:** N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 48764. **other id:** NSGC 33. Cultivar. Seed.
- PI 572618 **origin:** Russian Federation. **cultivar:** POLESSKAJA 71. **collector:** N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 48249. **other id:** NSGC 35. Cultivar. Seed.
- PI 572619 **origin:** Russian Federation. **cultivar:** MASLOVCANKA 100. **collector:** N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 53793. **other id:** NSGC 36. Cultivar. Seed.
- PI 572620 **origin:** Russian Federation. **cultivar:** ZAPOROZSKAJA OSTISTAJA. **collector:** N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 52878. **other id:** NSGC 40. Cultivar. Seed.

PI 572612 to 572654-continued

- PI 572621 **origin:** Russian Federation. **cultivar:** AL'BORUBRUM B-21.
collector: N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 35739. **other id:** NSGC 41.
Cultivar. Seed.
- PI 572622 **origin:** Russian Federation. **cultivar:** IZUMRUDNAJA.
collector: N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 57171. **other id:** NSGC 43.
Cultivar. Seed.
- PI 572623 **origin:** Russian Federation. **cultivar:** GRANIT.
collector: N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 53430. **other id:** NSGC 47.
Cultivar. Seed.
- PI 572624 **origin:** Russian Federation. **cultivar:** SIBAKOVSKAJA 3.
collector: N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 50944. **other id:** NSGC 50.
Cultivar. Seed.
- PI 572625 **origin:** Russian Federation. **cultivar:** L-330. **collector:**
N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 45844. **other id:** NSGC 51. Cultivar.
Seed.
- PI 572626 **origin:** Russian Federation. **cultivar:** ROSSIJANKA.
collector: N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 54103. **other id:** NSGC 52.
Cultivar. Seed.
- PI 572627 **origin:** Russian Federation. **cultivar:** IRTYSANKA 10.
collector: N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 51898. **other id:** NSGC 55.
Cultivar. Seed.
- PI 572628 **origin:** Russian Federation. **cultivar:** VOLZANKA.
collector: N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 54199. **other id:** NSGC 56.
Cultivar. Seed.
- PI 572629 **origin:** Russian Federation. **developed:** N.V. Tsytsin,
A.S. Artemova, A.V. Yakovlev, I.G. Kapura. **origin**
institute: Main Botanical Garden of Academy of Sci.
Russian Federation. **cultivar:** GREKUM 114. **pedigree:**
Lutescens 62/Agropyron sp. **collector:** N.I. Vavilov
Institute of Plant Industry, St. Petersburg. **collector**
id: WIR 47886. **other id:** NSGC 60. Cultivar. Seed.
- PI 572630 **origin:** Russian Federation. **cultivar:** KAZAHSTANSKAJA 4.
collector: N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 50382. **other id:** NSGC 63.
Cultivar. Seed.

PI 572612 to 572654-continued

- PI 572631 **origin:** Russian Federation. **cultivar:** KAZAHSTANSKAJA 7.
collector: N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 57888. **other id:** NSGC 66.
Cultivar. Seed.
- PI 572632 **origin:** Russian Federation. **cultivar:** URAL'SKAJA
JUBILEJNAJA. **collector:** N.I. Vavilov Institute of Plant
Industry, St. Petersburg. **collector id:** WIR 54047.
other id: NSGC 68. Cultivar. Seed.
- PI 572633 **origin:** Russian Federation. **cultivar:** DRUZINA.
collector: N.I. Vavilov Institute of Plant Industry, St.
Petersburg. **collector id:** WIR 54380. **other id:** NSGC 69.
Cultivar. Seed.
- PI 572634 **origin:** Russian Federation. **cultivar:** HAR'KOVSKAJA 6.
collector: N.I. Vavilov Institute of Plant Industry, St.
Petersburg. **collector id:** WIR 54443. **other id:** NSGC 70.
Cultivar. Seed.
- PI 572635 **origin:** Russian Federation. **cultivar:** PRIMORSKAJA 14.
collector: N.I. Vavilov Institute of Plant Industry, St.
Petersburg. **collector id:** WIR 50951. **other id:** NSGC 71.
Cultivar. Seed.
- PI 572636 **origin:** Russian Federation. **cultivar:** RANJAJA 73.
collector: N.I. Vavilov Institute of Plant Industry, St.
Petersburg. **collector id:** WIR 53172. **other id:** NSGC 72.
Cultivar. Seed.
- PI 572637 **origin:** Russian Federation. **cultivar:** HAR'KOVSKAJA 2.
collector: N.I. Vavilov Institute of Plant Industry, St.
Petersburg. **collector id:** WIR 51769. **other id:** NSGC 74.
Cultivar. Seed.
- PI 572638 **origin:** Russian Federation. **cultivar:** SALIUT.
collector: N.I. Vavilov Institute of Plant Industry, St.
Petersburg. **collector id:** WIR 54702. **other id:** NSGC 76.
Cultivar. Seed.
- PI 572639 **origin:** Russian Federation. **origin institute:** All-Union
Breeding & Genetic Inst., Odessa Ukraine. **cultivar:**
ODESSKAJA 75. **collector:** N.I. Vavilov Institute of Plant
Industry, St. Petersburg. **collector id:** WIR 52671.
other id: NSGC 77. Cultivar. Seed.
- PI 572640 **origin:** Russian Federation. **cultivar:** OBRIJ. **collector:**
N.I. Vavilov Institute of Plant Industry, St. Petersburg.
collector id: WIR 54117. **other id:** NSGC 78. Cultivar.
Seed.

PI 572612 to 572654-continued

- PI 572641 **origin:** Russian Federation. **cultivar:** PAVLOVKA.
collector: N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 54612. **other id:** NSGC 79.
Cultivar. Seed.
- PI 572642 **origin:** Russian Federation. **cultivar:** MIL'TURUM I.
collector: N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 51877. **other id:** NSGC 81.
Cultivar. Seed.
- PI 572643 **origin:** Russian Federation. **cultivar:** DONSKAJA
BEZOSTAJA. **collector:** N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 54646.
other id: NSGC 82. Cultivar. Seed.
- PI 572644 **origin:** Russian Federation. **cultivar:** KRASNODARSKAJA 57.
collector: N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 54351. **other id:** NSGC 85.
Cultivar. Seed.
- PI 572645 **origin:** Russian Federation. **cultivar:** DIURDANA.
collector: N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 54606. **other id:** NSGC 86.
Cultivar. Seed.
- PI 572646 **origin:** Russian Federation. **cultivar:** PIROTRIKS 2168.
collector: N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 55191. **other id:** NSGC 87.
Cultivar. Seed.
- PI 572647 **origin:** Russian Federation. **cultivar:** ARZU. **collector:**
N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 45656. **other id:** NSGC 88. Cultivar.
Seed.
- PI 572648 **origin:** Russian Federation. **cultivar:** BOGARNAJA 56.
collector: N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 48761. **other id:** NSGC 89.
Cultivar. Seed.
- PI 572649 **origin:** Russian Federation. **cultivar:** KANGUN 20.
collector: N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 49276. **other id:** NSGC 90.
Cultivar. Seed.
- PI 572650 **origin:** Russian Federation. **cultivar:** GALLIAARAL'SKAJA
3. **collector:** N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 53291. **other id:** NSGC
91. Cultivar. Seed.

PI 572612 to 572654-continued

- PI 572651 **origin:** Russian Federation. **cultivar:** INTENSIVNAJA.
collector: N.I. Vavilov Institute of Plant Industry, St.
Petersburg. **collector id:** WIR 49243. **other id:** NSGC 92.
Cultivar. Seed.
- PI 572652 **origin:** Russian Federation. **cultivar:** PSEUDOMERIDIONALE
122. **collector:** N.I. Vavilov Institute of Plant
Industry, St. Petersburg. **collector id:** WIR 35726.
other id: NSGC 93. Cultivar. Seed.
- PI 572653 **origin:** Russian Federation. **cultivar:** CEZIUM 88.
collector: N.I. Vavilov Institute of Plant Industry, St.
Petersburg. **collector id:** WIR 42333. **other id:** NSGC 94.
Cultivar. Seed.
- PI 572654 **origin:** Russian Federation. **cultivar:** GREKUM 3.
collector: N.I. Vavilov Institute of Plant Industry, St.
Petersburg. **collector id:** WIR 56871. **other id:** NSGC 95.
Cultivar. Seed.

PI 572655 to 572693. *Triticum aestivum* L., nom. cons. POACEAE

Donated by: Hanelt, P., Zentralinstitut für Genetik u. Kultur.,
Correnstrasse 3, D-O-4325, Gatersleben, Germany. Received August
20, 1993.

- PI 572655 **origin:** Georgia. **origin institute id:** H Tri 13353/83.
collected: August 05, 1981. **collector:** P. Hanelt, ZiGuK,
Gatersleben J. Kruse, Botanical Institute, Tblisi.
collector id: SN-7a. **other id:** TRI 13353. **other id:**
NSGC 341. **locality:** Doli near Beco, southwest of Mestia,
Rayon Mestia (Ober-Svanetien); rare contaminants in
barley field (sample SW-6). **elevation:** 1350m. Landrace.
Seed.
- PI 572656 **origin:** Georgia. **origin institute id:** A Tri 13355/83.
collected: August 11, 1981. **collector:** P. Hanelt, ZiGuK,
Gatersleben J. Kruse, Botanical Institute, Tblisi.
collector id: SN-95a. **other id:** TRI 13355. **other id:**
NSGC 358. **locality:** Mestia, Rayon Mestia
(Ober-Svanetien). Landrace. Seed.
- PI 572657 **origin:** Georgia. **origin institute id:** A Tri 13356/83.
collected: August 11, 1981. **collector:** P. Hanelt, ZiGuK,
Gatersleben J. Kruse, Botanical Institute, Tblisi.
collector id: SN-95b. **other id:** TRI 13356. **other id:**
NSGC 359. **locality:** Mestia, Rayon Mestia
(Ober-Svanetien). Landrace. Seed.

PI 572655 to 572693-continued

- PI 572658 **origin:** Georgia. **origin institute id:** A Tri 13357/84.
collected: August 11, 1981. **collector:** P. Hanelt, ZiGuK,
Gatersleben J. Kruse, Botanical Institute, Tblisi.
collector id: SN-95c. **other id:** TRI 13357. **other id:**
NSGC 360. **locality:** Mestia, Rayon Mestia
(Ober-Svanetien). Landrace. Seed.
- PI 572659 **origin:** Georgia. **origin institute id:** H Tri 13358/83.
collected: August 12, 1981. **collector:** P. Hanelt, ZiGuK,
Gatersleben J. Kruse, Botanical Institute, Tblisi.
collector id: SN-143. **other id:** TRI 13358. **other id:**
NSGC 361. **locality:** Komandeli, south of Oai, Rayon Oni
(Ober-Raca). Landrace. Seed.
- PI 572660 **origin:** Georgia. **origin institute id:** H Tri 13359/87.
collected: August 14, 1981. **collector:** P. Hanelt, ZiGuK,
Gatersleben J. Kruse, Botanical Institute, Tblisi.
collector id: SN-201. **other id:** TRI 13359. **other id:**
NSGC 362. **locality:** Sori, between Oni and Ambrolauri,
nabe der Rayonsgrenze, Rayon Oni (Ober-Raca). Landrace.
Seed.
- PI 572661 **origin:** Georgia. **origin institute id:** AW 6637A/87.
collected: November 17, 1984. **collector:** P. Hanelt,
ZiGuK, Gatersleben J. Kruse, Botanical Institute, Tblisi.
collector id: SN-Z32a. **other id:** NSGC 364. **locality:**
Botanical Institute, Latali, southwest of Mestia, Rayon
Mestia (Ober-Svanetien). Landrace. Seed.
- PI 572662 **origin:** Georgia. **origin institute id:** AW 6637B/88.
collected: November 17, 1984. **collector:** P. Hanelt,
ZiGuK, Gatersleben J. Kruse, Botanical Institute, Tblisi.
collector id: SN-Z32b. **other id:** NSGC 365. **locality:**
Botanical Institute, Latali, southwest of Mestia, Rayon
Mestia (Ober-Svanetien). Landrace. Seed.
- PI 572663 **origin:** Georgia. **origin institute id:** HW 6638/87.
collected: November 17, 1984. **collector:** P. Hanelt,
ZiGuK, Gatersleben J. Kruse, Botanical Institute, Tblisi.
collector id: SN-Z33a. **other id:** NSGC 367. **locality:**
Botanical Institute, Latali, southwest of Mestia, Rayon
Mestia (Ober-Svanetien). Landrace. Seed.
- PI 572664 **origin:** Georgia. **origin institute id:** HW 6638B/87.
collected: November 17, 1984. **collector:** P. Hanelt,
ZiGuK, Gatersleben J. Kruse, Botanical Institute, Tblisi.
collector id: SN-Z33b. **other id:** NSGC 368. **locality:**
Botanical Institute, Latali, southwest of Mestia, Rayon
Mestia (Ober-Svanetien). Landrace. Seed.

PI 572655 to 572693-continued

- PI 572665 **origin:** Georgia. **origin institute id:** AW 6631/85.
collected: August 09, 1984. **collector:** P. Hanelt, ZiGuK,
Gatersleben J. Kruse, Botanical Institute, Tblisi.
collector id: SN-Z10. **other id:** NSGC 377. **locality:**
Botanical Institute, Latali, southwest of Mestia, Rayon
Mestia, Ober-Svanetien; originally from Kala, Rayon
Mestia. Landrace. Seed.
- PI 572666 **origin:** Georgia. **origin institute id:** AW 6632/85.
collected: August 09, 1984. **collector:** P. Hanelt, ZiGuK,
Gatersleben J. Kruse, Botanical Institute, Tblisi.
collector id: SN-Z11. **other id:** NSGC 378. **locality:**
Botanical Institute, Latali, southwest of Mestia, Rayon
Mestia, Ober-Svanetien; originally from Cvirai, Rayon
Mestia. Landrace. Seed.
- PI 572667 **origin:** Georgia. **origin institute id:** AW 6633A/85.
collected: August 09, 1984. **collector:** P. Hanelt, ZiGuK,
Gatersleben J. Kruse, Botanical Institute, Tblisi.
collector id: SN-Z12a. **other id:** NSGC 379. **locality:**
Botanical Institute, Latali, southwest of Mestia, Rayon
Mestia, Ober-Svanetien; originally from Lendzeri, Rayon
Mestia. Landrace. Seed.
- PI 572668 **origin:** Georgia. **origin institute id:** AW 6633B/85.
collected: August 09, 1984. **collector:** P. Hanelt, ZiGuK,
Gatersleben J. Kruse, Botanical Institute, Tblisi.
collector id: SN-Z12b. **other id:** NSGC 380. **locality:**
Botanical Institute, Latali, southwest of Mestia, Rayon
Mestia, Ober-Svanetien; originally from Lendzeri, Rayon
Mestia. Landrace. Seed.
- PI 572669 **origin:** Georgia. **origin institute id:** HW 6553/85.
collected: August 09, 1984. **collector:** P. Hanelt, ZiGuK,
Gatersleben J. Kruse, Botanical Institute, Tblisi.
collector id: SN-Z13. **other id:** NSGC 381. **locality:**
Botanical Institute, Latali, southwest of Mestia, Rayon
Mestia, Ober-Svanetien; originally from Latali.
Landrace. Seed.
- PI 572670 **origin:** Georgia. **origin institute id:** AW 6634B/86.
collected: August 09, 1984. **collector:** P. Hanelt, ZiGuK,
Gatersleben J. Kruse, Botanical Institute, Tblisi.
collector id: SN-14b. **other id:** NSGC 383. **locality:**
Botanical Institute, Latali, southwest of Mestia, Rayon
Mestia, Ober-Svanetien; originally from Jeli, Rayon
Mestia. Landrace. Seed.

PI 572655 to 572693-continued

- PI 572671 **origin:** Georgia. **origin institute id:** AW 6635B/86.
collected: August 09, 1984. **collector:** P. Hanelt, ZiGuK,
Gatersleben J. Kruse, Botanical Institute, Tblisi.
collector id: SN-Z15. **other id:** NSGC 384. **locality:**
Botanical Institute, Latali, southwest of Mestia, Rayon
Mestia, Ober-Svanetien; originally from Chalde, Rayon
Mestia. Landrace. Seed.
- PI 572672 **origin:** Georgia. **origin institute id:** AW 6636A/85.
collected: August 09, 1984. **collector:** P. Hanelt, ZiGuK,
Gatersleben J. Kruse, Botanical Institute, Tblisi.
collector id: SN-Z16a. **other id:** NSGC 385. **locality:**
Botanical Institute, Latali, southwest of Mestia, Rayon
Mestia, Ober-Svanetien; originally from Mulachi, Rayon
Mestia. Landrace. Seed.
- PI 572673 **origin:** Georgia. **origin institute id:** AW 6636B/85.
collected: August 09, 1984. **collector:** P. Hanelt, ZiGuK,
Gatersleben J. Kruse, Botanical Institute, Tblisi.
collector id: SN-Z16b. **other id:** NSGC 386. **locality:**
Botanical Institute, Latali, southwest of Mestia, Rayon
Mestia, Ober-Svanetien; originally from Mulachi, Rayon
Mestia. Landrace. Seed.
- PI 572674 **origin:** Georgia. **origin institute id:** HW 6555/86.
collected: August 09, 1984. **collector:** P. Hanelt, ZiGuK,
Gatersleben J. Kruse, Botanical Institute, Tblisi.
collector id: SN-Z17b. **other id:** NSGC 388. **locality:**
Botanical Institute, Latali, southwest of Mestia, Rayon
Mestia, Ober-Svanetien; originally from Eceri, Rayon
Mestia. Landrace. Seed.
- PI 572675 **origin:** Georgia. **origin institute id:** HW 6556/86.
collected: August 09, 1984. **collector:** P. Hanelt, ZiGuK,
Gatersleben J. Kruse, Botanical Institute, Tblisi.
collector id: SN-Z18. **other id:** NSGC 389. **locality:**
Botanical Institute, Latali, southwest of Mestia, Rayon
Mestia, Ober-Svanetien; originally from Latali.
Landrace. Seed.
- PI 572676 **origin:** Georgia. **origin institute id:** HW 6558/86.
collected: August 09, 1984. **collector:** P. Hanelt, ZiGuK,
Gatersleben J. Kruse, Botanical Institute, Tblisi.
collector id: SN-Z19. **other id:** NSGC 390. **locality:**
Botanical Institute, Latali, southwest of Mestia, Rayon
Mestia, Ober-Svanetien; originally from Lendzeri, Rayon
Mestia. Landrace. Seed.

PI 572655 to 572693-continued

- PI 572677 **origin:** Georgia. **origin institute id:** HW 6558/85.
collected: August 09, 1984. **collector:** P. Hanelt, ZiGuK,
Gatersleben J. Kruse, Botanical Institute, Tblisi.
collector id: SN-Z20. **other id:** NSGC 391. **locality:**
Botanical Institute, Latali, southwest of Mestia, Rayon
Mestia, Ober-Svanetien; originally from Beco, Rayon
Mestia. Landrace. Seed.
- PI 572678 **origin:** Georgia. **origin institute id:** HW 6559/86.
collected: August 09, 1984. **collector:** P. Hanelt, ZiGuK,
Gatersleben J. Kruse, Botanical Institute, Tblisi.
collector id: SN-Z21. **other id:** NSGC 392. **locality:**
Botanical Institute, Latali, southwest of Mestia, Rayon
Mestia, Ober-Svanetien; originally from Chuari, Rayon
Mestia. Landrace. Seed.
- PI 572679 **origin:** Georgia. **origin institute id:** HW 7032/88.
collected: July 30, 1986. **collector:** P. Hanelt, ZiGuK,
Gatersleben J. Kruse, Botanical Institute, Tblisi.
collector id: SN-1904. **other id:** NSGC 409. **locality:**
Kvemo Kala, Rayon Kaspi, historical province Kartli.
Landrace. Seed.
- PI 572680 **origin:** Georgia. **origin institute id:** HW 7033/88.
collected: July 30, 1986. **collector:** P. Hanelt, ZiGuK,
Gatersleben J. Kruse, Botanical Institute, Tblisi.
collector id: SN-1905. **other id:** NSGC 410. **locality:**
Kvemo Cala, Rayon Kaspi, historical province Kartli.
Landrace. Seed.
- PI 572681 **origin:** Georgia. **origin institute id:** HW 7035/88.
collected: August 02, 1986. **collector:** P. Hanelt, ZiGuK,
Gatersleben J. Kruse, Botanical Institute, Tblisi.
collector id: SN-1966a. **other id:** NSGC 416. **locality:**
Zemi-Cichevdavi, Mcadidzvari, Rayon Duseti, historical
province Mtiuleti; originally from collective farm.
elevation: 980m. Landrace. Seed.
- PI 572682 **origin:** Georgia. **origin institute id:** HW 7036/88.
collected: August 02, 1986. **collector:** P. Hanelt, ZiGuK,
Gatersleben J. Kruse, Botanical Institute, Tblisi.
collector id: SN-1966b. **other id:** NSGC 417. **locality:**
Zemo-Cichevdavi, Mcadidzvari, Rayon Duseti, historical
province Mtiuleti; originally from collective farm.
elevation: 980m. Landrace. Seed.

PI 572655 to 572693-continued

- PI 572683 **origin:** Georgia. **origin institute id:** HW 7038/88. **collected:** August 04, 1986. **collector:** P. Hanelt, ZiGuK, Gatersleben J. Kruse, Botanical Institute, Tblisi. **collector id:** SN-2023. **other id:** NSGC 419. **locality:** Picviani, about 15 km east of Duseti, Rayon Duseti, historical province Mtiuleti; contaminant in field of Bezostaja l. **elevation:** 1250m. Landrace. Seed.
- PI 572684 **origin:** Georgia. **origin institute id:** HW 7039/88. **collected:** August 04, 1986. **collector:** P. Hanelt, ZiGuK, Gatersleben J. Kruse, Botanical Institute, Tblisi. **collector id:** SN-2024. **other id:** NSGC 420. **locality:** Picviani, about 15 km east of Duseti, Rayon Duseti, historical province Mtiuleti; contaminant in field of Bezostaja l. **elevation:** 1250m. Landrace. Seed.
- PI 572685 **origin:** Georgia. **origin institute id:** AW 7040/90. **collected:** August 07, 1986. **collector:** P. Hanelt, ZiGuK, Gatersleben J. Kruse, Botanical Institute, Tblisi. **collector id:** SN-2073. **other id:** NSGC 424. **locality:** Satili, about 80 km northwest of Duseti, Rayon Duseti, historical province Chevsuretien. Landrace. Seed.
- PI 572686 **origin:** Georgia. **origin institute id:** AW 7041/87. **collected:** August 09, 1986. **collector:** P. Hanelt, ZiGuK, Gatersleben J. Kruse, Botanical Institute, Tblisi. **collector id:** SN-2089. **other id:** NSGC 427. **locality:** Chone, about 15 km southeast of Satili, Rayon Duseti, historical province Chevsuretien. **elevation:** 2050m. Landrace. Seed.
- PI 572687 **origin:** Georgia. **origin institute id:** HW 7042/88. **collected:** August 11, 1986. **collector:** P. Hanelt, ZiGuK, Gatersleben J. Kruse, Botanical Institute, Tblisi. **collector id:** SN-2111. **other id:** NSGC 435. **locality:** Chachmati, about 3 km west from Gudani, Rayon Duseti, historical province Chevsuretien. **elevation:** 2000m. Landrace. Seed.
- PI 572688 **origin:** Georgia. **origin institute id:** HW 7043/88. **collected:** August 11, 1986. **collector:** P. Hanelt, ZiGuK, Gatersleben J. Kruse, Botanical Institute, Tblisi. **collector id:** SN-2112. **other id:** NSGC 436. **locality:** Chachmati, about 3 km west from Gudani, Rayon Duseti, historical province Chevsuretien; originally from Siraki, Kachetien. **elevation:** 2000m. Landrace. Seed.

PI 572655 to 572693-continued

- PI 572689 **origin:** Georgia. **origin institute id:** HW 7045/88.
collected: August 11, 1986. **collector:** P. Hanelt, ZiGuK,
Gatersleben J. Kruse, Botanical Institute, Tblisi.
collector id: SN-2124. **other id:** NSGC 441. **locality:**
Gudani, about 60 km northeast of Duseti, Rayon Duseti,
historical province Chevsuretien. **elevation:** 1700m.
Landrace. Seed.
- PI 572690 **origin:** Georgia. **origin institute id:** AW 7198/90.
collected: August 14, 1987. **collector:** P. Hanelt, ZiGuK,
Gatersleben J. Kruse, Botanical Institute, Tblisi.
collector id: SN-2170. **other id:** NSGC 446. **locality:**
Satili, about 80 km northwest of Duseti, Rayon Duseti,
historical province Chevsuretien; originally from
Choniseala. **elevation:** 1400m. Landrace. Seed.
- PI 572691 **origin:** Georgia. **origin institute id:** HW 7199/90.
collected: August 14, 1987. **collector:** P. Hanelt, ZiGuK,
Gatersleben J. Kruse, Botanical Institute, Tblisi.
collector id: SN-2173. **other id:** NSGC 448. **locality:**
Satili, about 80 km northwest of Duseti, Rayon Duseti,
historical province Chevsuretien; originally from
Mucoscala. **elevation:** 1400m. Landrace. Seed.
- PI 572692 **origin:** Georgia. **origin institute id:** AW 7200/90.
collected: August 14, 1987. **collector:** P. Hanelt, ZiGuK,
Gatersleben J. Kruse, Botanical Institute, Tblisi.
collector id: SN-2175. **other id:** NSGC 450. **locality:**
Satili, about 80 km northwest of Duseti, Rayon Duseti,
historical province Chevsuretien; contaminant in barley
field (SN-2174). **elevation:** 1400m. Landrace. Seed.
- PI 572693 **origin:** Georgia. **origin institute id:** AW 6635A/86.
collected: August 09, 1984. **collector:** P. Hanelt, ZiGuK,
Gatersleben J. Kruse, Botanical Institute, Tblisi.
collector id: SN-Z15. **other id:** NSGC 480. **locality:**
Botanical Institute, Latali, southwest of Mestia, Rayon
Mestia, Ober-Svanetien; originally from Chalde, Rayon
Mestia. Landrace. Seed.

PI 572694 to 572702. *Triticum aestivum* L., nom. cons. POACEAE

Donated by: Mackay, M.C., Australian Winter Cereals Collection, RMB
944, Calala Lane, Tamworth, New South Wales 2340, Australia.
Received August 20, 1993.

PI 572694 to 572702-continued

- PI 572694 **origin:** Australia. **developed:** B.J. Ballantyne. **origin institute:** New South Wales Agriculture & Fisheries, New South Wales Australia. **origin institute id:** WW 669. **cultivar:** LARK. **pedigree:** Canrock I/2*CSP44//Banks. **collector:** Australian Winter Cereals Collection, Tamworth. **collector id:** AUS 24849. **other id:** NSGC 481. **Cultivar.** Seed.
- PI 572695 **origin:** Australia. **developed:** J. Reeves. **origin institute:** West Australian Dept. of Agriculture, Western Australia Australia. **origin institute id:** 79W:783. **cultivar:** REEVES. **pedigree:** Bodallin//Gamenya/Inia 66. **collector:** Australian Winter Cereals Collection, Tamworth. **collector id:** AUS 24851. **other id:** 79W04-16. **other id:** NSGC 483. **Cultivar.** Seed.
- PI 572696 **origin:** Australia. **developed:** P.S. Brennan, D.J. Martin, R.L. Eisemann. **origin institute:** Queensland Dept. of Primary Industry, Queensland Australia. **origin institute id:** QT 3826. **cultivar:** CUNNINGHAM. **pedigree:** 3AG3/4*Condor//Cook. **collector:** Australian Winter Cereals Collection, Tamworth. **collector id:** AUS 25046. **other id:** NSGC 487. **Cultivar.** Seed.
- PI 572697 **origin:** Australia. **developed:** G. Brown, F.W. Ellison, D.J. Mares. **origin institute:** Univ. of Sydney, New South Wales Australia. **origin institute id:** SUN 140C. **cultivar:** SUNBRI. **pedigree:** Cook*2/VPM 1//3*Cook. **collector:** Australian Winter Cereals Collection, Tamworth. **collector id:** AUS 25112. **other id:** NSGC 488. **Cultivar.** Seed.
- PI 572698 **origin:** Australia. **developed:** R.H. Martin. **origin institute:** NSW Dept. of Agriculture & Fisheries, New South Wales Australia. **origin institute id:** M3856. **cultivar:** SHRIKE. **pedigree:** WW15/M1238-2//Kite/3/WW15/4/Condor/5/WW336. **collector:** Australian Winter Cereals Collection, Tamworth. **collector id:** AUS 25138. **other id:** NSGC 489. **Cultivar.** Seed.
- PI 572699 **origin:** Australia. **developed:** L. O'Brien. **origin institute:** Victorian Dept. of Agric. & Rural Affair, Victoria Australia. **origin institute id:** AL45. **cultivar:** LILLIMUR. **pedigree:** IBWSN 12-127/ASN 3-61. **collector:** Australian Winter Cereals Collection, Tamworth. **collector id:** AUS 25139. **other id:** NSGC 490. **Cultivar.** Seed.

PI 572694 to 572702-continued

- PI 572700 **origin:** Australia. **developed:** P.S. Brennan. **origin institute:** Queensland Wheat Research Institute, Queensland Australia. **origin institute id:** QT 4097. **cultivar:** BATAVIA. **pedigree:** Ciano 67/Bluebird//Cardinal/4/Siete Cerros/3/Lerma Rojo 64/Inia 66//Inia 66/Bluebird/5/Banks. **collector:** Australian Winter Cereals Collection, Tamworth. **collector id:** AUS 25271. **other id:** NSGC 493. Cultivar. Seed.
- PI 572701 **origin:** Australia. **origin institute:** Roseworthy Agricultural College, South Australia Australia. **origin institute id:** RAC 594. **cultivar:** EXCALIBUR. **pedigree:** RAC 177 (Sr26)/Uniculm 492//RAC 311S. **collector:** Australian Winter Cereals Collection, Tamworth. **collector id:** AUS 25292. **other id:** NSGC 501. Cultivar. Seed.
- PI 572702 **origin:** Australia. **developed:** H. Wallwork, A.J. Rathjen. **origin institute:** SA Dept. of Agriculture, South Australia Australia. **cultivar:** ANGAS. **pedigree:** Schomburgk*3//Aroona/Moro. **collector:** Australian Winter Cereals Collection, Tamworth. **collector id:** AUS 25418. **other id:** NSGC 502. Cultivar. Seed.

PI 572703. *Triticum aestivum* L., nom. cons. 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 August 20, 1993.

origin: China. **collected:** September 12, 1991. **collector:** D.P. Mowrey, USDA-ARS, El Reno, OK. **collector id:** 95. **other id:** NSGC 571. **locality:** Toliget, 68 km north of Hohhot. Sparse vegetation, grazed farmland. Assoc. with *Artemisia* sp., *Leymus chinensis*, *Ambrosia* sp., *Avena sativa*, *Medicago Ruthenica*. **latitude:** 41 deg. 50 min. N. **longitude:** 111 deg. 25 min. E. **elevation:** 1500m. Landrace. Seed.

PI 572704 to 572706. *Triticum aestivum* L., nom. cons. POACEAE

Donated by: Liu, C.T., University of Idaho, Dept. of Plant, Soil, & Ent. Sciences, Moscow, Idaho 83843, United States. Received August 20, 1993.

- PI 572704 **origin:** China. **origin institute:** Northwest Agricultural University, Yangling, Shaanxi China. **cultivar:** XIAOYEN NO. 6. **collected:** May 1992. **collector:** C.T. Liu, Univ. of Idaho, Moscow. **collector id:** 28. **other id:** NSGC 573. Cultivar. Seed.

PI 572704 to 572706-continued

PI 572705 **origin:** China. **origin institute:** Northwest Agricultural University, Yangling, Shaanxi China. **origin institute id:** 10-4. **collected:** May 1992. **collector:** C.T. Liu, Univ. of Idaho, Moscow. **collector id:** 30. **other id:** NSGC 575. **Breeding Material.** Seed.

PI 572706 **origin:** China. **origin institute:** Northwest Agricultural University, Yangling, Shaanxi China. **origin institute id:** 34-9. **collected:** May 1992. **collector:** C.T. Liu, Univ. of Idaho, Moscow. **collector id:** 31. **other id:** NSGC 576. **Breeding Material.** Seed.

PI 572707 to 572727. *Triticum aestivum* L., nom. cons. POACEAE

Donated by: Iizuka, M., Chiba University, Faculty of Agriculture, Matsudo-shi, Chiba-ken 271, Japan. Received August 20, 1993.

PI 572707 **origin:** Nepal. **collected:** November 11, 1984. **collector:** I.U. Nare, M. Iizuka, A. Ujihara, Nakagawara. **collector id:** I-22. **other id:** MAC91-92GH-1. **other id:** NSGC 1153. **locality:** Jumla. **elevation:** 2320m. **Landrace.** Seed.

PI 572708 **origin:** Nepal. **collected:** November 11, 1984. **collector:** I.U. Nare, M. Iizuka, A. Ujihara, Nakagawara. **collector id:** I-23. **other id:** MAC91-92GH-2. **other id:** NSGC 1154. **locality:** Jumla. **elevation:** 2320m. **Landrace.** Seed.

PI 572709 **origin:** Nepal. **collected:** November 11, 1984. **collector:** I.U. Nare, M. Iizuka, A. Ujihara, Nakagawara. **collector id:** I-24. **other id:** MAC91-92GH-3. **other id:** NSGC 1155. **locality:** Jumla. **elevation:** 2320m. **Landrace.** Seed.

PI 572710 **origin:** Nepal. **collected:** November 11, 1984. **collector:** I.U. Nare, M. Iizuka, A. Ujihara, Nakagawara. **collector id:** I-25. **other id:** MAC91-92GH-4. **other id:** NSGC 1156. **locality:** Jumla. **elevation:** 2320m. **Landrace.** Seed.

PI 572711 **origin:** Nepal. **collected:** November 13, 1984. **collector:** I.U. Nare, M. Iizuka, A. Ujihara, Nakagawara. **collector id:** I-85. **other id:** MAC91-92GH-5. **other id:** NSGC 1157. **locality:** Bara Kote, 2 km southwest of Jumla. **elevation:** 2340m. **Landrace.** Seed.

PI 572712 **origin:** Nepal. **collected:** November 16, 1984. **collector:** I.U. Nare, M. Iizuka, A. Ujihara, Nakagawara. **collector id:** I-100. **other id:** MAC91-92GH-6. **other id:** NSGC 1158. **locality:** Garjankot, 9 km east of Jumla. **elevation:** 2550m. **Landrace.** Seed.

PI 572707 to 572727-continued

- PI 572713 **origin:** Nepal. **collected:** November 17, 1984. **collector:** I.U. Nare, M. Iizuka, A. Ujihara, Nakagawara. **collector id:** I-622. **other id:** MAC91-92GH-7. **other id:** NSGC 1159. **locality:** Bohora, 2 km south of Jumla. **elevation:** 2400m. Landrace. Seed.
- PI 572714 **origin:** Nepal. **collected:** November 18, 1984. **collector:** I.U. Nare, M. Iizuka, A. Ujihara, Nakagawara. **collector id:** I-638a. **other id:** MAC91-92GH-8. **other id:** NSGC 1160. **locality:** Barkote Bade, west of Jumla. **elevation:** 2400m. Landrace. Seed.
- PI 572715 **origin:** Nepal. **collected:** November 17, 1984. **collector:** I.U. Nare, M. Iizuka, A. Ujihara, Nakagawara. **collector id:** I-657. **other id:** MAC91-92GH-9. **other id:** NSGC 1161. **locality:** Dillkot, 23 km east of Jumla. **elevation:** 2810m. Landrace. Seed.
- PI 572716 **origin:** Nepal. **collected:** November 17, 1984. **collector:** I.U. Nare, M. Iizuka, A. Ujihara, Nakagawara. **collector id:** I-662. **other id:** MAC91-92GH-10. **other id:** NSGC 1162. **locality:** Dillkot, 23 km east of Jumla. **elevation:** 2810m. Landrace. Seed.
- PI 572717 **origin:** Nepal. **collected:** November 29, 1984. **collector:** I.U. Nare, M. Iizuka, A. Ujihara, Nakagawara. **collector id:** I-823. **other id:** MAC91-92GH-11. **other id:** NSGC 1163. **locality:** Chepang, north of Nepalganj. **elevation:** 1000m. Landrace. Seed.
- PI 572718 **origin:** Nepal. **collected:** December 01, 1984. **collector:** I.U. Nare, M. Iizuka, A. Ujihara, Nakagawara. **collector id:** I-842. **other id:** MAC91-92GH-12. **other id:** NSGC 1164. **locality:** Ghorahi. **elevation:** 700m. Landrace. Seed.
- PI 572719 **origin:** Nepal. **collected:** November 26, 1984. **collector:** I.U. Nare, M. Iizuka, A. Ujihara, Nakagawara. **collector id:** I-894. **other id:** MAC91-92GH-13. **other id:** NSGC 1165. **locality:** Chhiuchu. **elevation:** 600m. Landrace. Seed.
- PI 572720 **origin:** Nepal. **collected:** December 03, 1984. **collector:** I.U. Nare, M. Iizuka, A. Ujihara, Nakagawara. **collector id:** I-906. **other id:** MAC91-92GH-14. **other id:** NSGC 1166. **locality:** Baide Khola, 4 km west of Syarja. **elevation:** 920m. Landrace. Seed.

PI 572707 to 572727-continued

- PI 572721 **origin:** Nepal. **collected:** November 27, 1984. **collector:** I.U. Nare, M. Iizuka, A. Ujihara, Nakagawara. **collector id:** I-911. **other id:** MAC91-92GH-15. **other id:** NSGC 1167. **locality:** Nepalganj. **elevation:** 180m. Landrace. Seed.
- PI 572722 **origin:** Nepal. **collected:** 1984. **collector:** I.U. Nare, M. Iizuka, A. Ujihara, Nakagawara. **collector id:** 2074. **other id:** MAC91-92GH-16. **other id:** NSGC 1168. Landrace. Seed.
- PI 572723 **origin:** Nepal. **collected:** 1984. **collector:** I.U. Nare, M. Iizuka, A. Ujihara, Nakagawara. **collector id:** 2163. **other id:** MAC91-92GH-17. **other id:** NSGC 1169. Landrace. Seed.
- PI 572724 **origin:** Nepal. **collected:** 1984. **collector:** I.U. Nare, M. Iizuka, A. Ujihara, Nakagawara. **collector id:** 2164. **other id:** MAC91-92GH-18. **other id:** NSGC 1170. Landrace. Seed.
- PI 572725 **origin:** Nepal. **collected:** 1984. **collector:** I.U. Nare, M. Iizuka, A. Ujihara, Nakagawara. **collector id:** 2700. **other id:** MAC91-92GH-19. **other id:** NSGC 1171. Landrace. Seed.
- PI 572726 **origin:** Nepal. **collected:** 1984. **collector:** I.U. Nare, M. Iizuka, A. Ujihara, Nakagawara. **collector id:** 8003. **other id:** MAC91-92GH-20. **other id:** NSGC 1172. Landrace. Seed.
- PI 572727 **origin:** Nepal. **collected:** 1984. **collector:** I.U. Nare, M. Iizuka, A. Ujihara, Nakagawara. **collector id:** 8017. **other id:** MAC91-92GH-21. **other id:** NSGC 1173. Landrace. Seed.

PI 572728 to 572730. *Triticum aestivum* L., nom. cons. POACEAE

Donated by: Skovmand, B., CIMMYT, Apartado Postal 6-641, Mexico, Federal District, Mexico. Received August 20, 1993.

- PI 572728 **origin:** Mexico. **origin institute:** INIFAP/CIMMYT, Federal District Mexico. **origin institute id:** BW 30. **cultivar:** TOBARI 66. **pedigree:** Tezanos Pintos Precoz/Sonora 64A. **other id:** MAC91-92GH-142. **other id:** NSGC 1174. Cultivar. Seed.

PI 572728 to 572730-continued

PI 572729 **origin:** Mexico. **origin institute:** INIFAP/CIMMYT, Federal District Mexico. **origin institute id:** BW 2215. **cultivar:** NACUZARI 76. **pedigree:** Tezanos Pintos Precoz/Paloma//Siete Cerros 66. **other id:** MAC91-92GH-143. **other id:** NSGC 1175. **Cultivar.** **Seed.**

PI 572730 **origin:** Mexico. **origin institute:** INIFAP/CIMMYT, Federal District Mexico. **origin institute id:** CWI 86. **cultivar:** CHAPINGO VF74. **other id:** MAC91-92GH-146. **other id:** NSGC 1178. **Cultivar.** **Seed.**

PI 572731 to 572844. *Triticum aestivum* L., nom. cons. POACEAE

Donated by: Metzger, R.J., USDA-ARS, Oregon State University, Oregon State University, Corvallis, Oregon 97331, United States. Received August 20, 1993.

PI 572731 **origin:** Pakistan. **collected:** July 24, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1286-001.01. **other id:** MAC91-92GH-59. **other id:** NSGC 1194. **locality:** Airport, 16 km west of Skardu. **latitude:** 35 deg. 20 min. N. **longitude:** 075 deg. 30 min. E. **elevation:** 2000m. **Landrace.** **Seed.**

PI 572732 **origin:** Pakistan. **collected:** July 20, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1263-001.01. **other id:** MAC91-92GH-22. **other id:** NSGC 1195. **locality:** Governor Farm, 25 km south of Gilgit. **latitude:** 35 deg. 30 min. N. **longitude:** 074 deg. 02 min. E. **elevation:** 1010m. **Landrace.** **Seed.**

PI 572733 **origin:** Pakistan. **collected:** July 20, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1263-001.02. **other id:** MAC91-92GH-23. **other id:** NSGC 1196. **locality:** Governor Farm, 25 km south of Gilgit. **latitude:** 35 deg. 30 min. N. **longitude:** 074 deg. 02 min. E. **elevation:** 1010m. **Landrace.** **Seed.**

PI 572734 **origin:** Pakistan. **collected:** July 20, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1263-001.03. **other id:** MAC91-92GH-24. **other id:** NSGC 1197. **locality:** Governor Farm, 25 km south of Gilgit. **latitude:** 35 deg. 30 min. N. **longitude:** 074 deg. 02 min. E. **elevation:** 1010m. **Landrace.** **Seed.**

PI 572731 to 572844-continued

- PI 572735 origin: Pakistan. collected: July 20, 1986. collector: R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. collector id: 86PK1264-001.00. other id: MAC91-92GH-25. other id: NSGC 1198. locality: 14 km south of Raikot, south of Gilgit. latitude: 35 deg. 08 min. N. longitude: 074 deg. 03 min. E. elevation: 950m. Landrace. Seed.
- PI 572736 origin: Pakistan. collected: July 21, 1986. collector: R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. collector id: 86PK1265-001.00. other id: MAC91-92GH-26. other id: NSGC 1199. locality: Seed storage, city limits of Gilgit. latitude: 35 deg. 05 min. N. longitude: 074 deg. 02 min. E. elevation: 1450m. Landrace. Seed.
- PI 572737 origin: Pakistan. collected: July 21, 1986. collector: R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. collector id: 86PK1266-001.00. other id: MAC91-92GH-27. other id: NSGC 1200. locality: Sakowar, 9 km east of Gilgit. latitude: 35 deg. 50 min. N. longitude: 074 deg. 20 min. E. elevation: 1400m. Landrace. Seed.
- PI 572738 origin: Pakistan. collected: July 21, 1986. collector: R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. collector id: 86PK1267-001.00. other id: MAC91-92GH-28. other id: NSGC 1201. locality: Munawar, 14 km south of Gilgit. latitude: 34 deg. 50 min. N. longitude: 074 deg. 25 min. E. elevation: 1350m. Landrace. Seed.
- PI 572739 origin: Pakistan. collected: July 21, 1986. collector: R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. collector id: 86PK1269-001.00. other id: MAC91-92GH-29. other id: NSGC 1202. locality: Seed store, Chamangarh, 27 km south of Gilgit. latitude: 35 deg. 40 min. N. longitude: 074 deg. 35 min. E. elevation: 1300m. Landrace. Seed.
- PI 572740 origin: Pakistan. collected: July 21, 1986. collector: R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. collector id: 86PK1270-001.00. other id: MAC91-92GH-30. other id: NSGC 1203. locality: Mohammed Abad, 13.5 km north of Gilgit. latitude: 35 deg. 55 min. N. longitude: 074 deg. 20 min. E. elevation: 1380m. Landrace. Seed.

PI 572731 to 572844-continued

- PI 572741 **origin:** Pakistan. **collected:** July 22, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1271-001.00. **other id:** MAC91-92GH-31. **other id:** NSGC 1204. **locality:** Slulmish, 10 km north of Gilgit on Naltar road. **latitude:** 35 deg. 55 min. N. **longitude:** 074 deg. 20 min. E. **elevation:** 1320m. Landrace. Seed.
- PI 572742 **origin:** Pakistan. **collected:** July 22, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1271-003.00. **other id:** MAC91-92GH-32. **other id:** NSGC 1205. **locality:** Slulmish, 10 km north of Gilgit on Naltar road. **latitude:** 35 deg. 55 min. N. **longitude:** 074 deg. 20 min. E. **elevation:** 1320m. Landrace. Seed.
- PI 572743 **origin:** Pakistan. **collected:** July 22, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1272-001.00. **other id:** MAC91-92GH-33. **other id:** NSGC 1206. **locality:** Nomal Das, 23 km north of Gilgit on Gilgit-Naltar road. **latitude:** 36 deg. 15 min. N. **longitude:** 074 deg. 20 min. E. **elevation:** 1380m. Landrace. Seed.
- PI 572744 **origin:** Pakistan. **collected:** July 22, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1273-001.01. **other id:** MAC91-92GH-34. **other id:** NSGC 1207. **locality:** Nomal. **latitude:** 36 deg. 20 min. N. **longitude:** 074 deg. 20 min. E. **elevation:** 1400m. Landrace. Seed.
- PI 572745 **origin:** Pakistan. **collected:** July 22, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1273-001.02. **other id:** MAC91-92GH-35. **other id:** NSGC 1208. **locality:** Nomal. **latitude:** 36 deg. 20 min. N. **longitude:** 074 deg. 20 min. E. **elevation:** 1400m. Landrace. Seed.
- PI 572746 **origin:** Pakistan. **collected:** July 22, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1273-001.03. **other id:** MAC91-92GH-36. **other id:** NSGC 1209. **locality:** Nomal. **latitude:** 36 deg. 20 min. N. **longitude:** 074 deg. 20 min. E. **elevation:** 1400m. Landrace. Seed.
- PI 572747 **origin:** Pakistan. **collected:** July 22, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1273-001.04. **other id:** MAC91-92GH-37. **other id:** NSGC 1210. **locality:** Nomal. **latitude:** 36 deg. 20 min. N. **longitude:** 074 deg. 20 min. E. **elevation:** 1400m. Landrace. Seed.

PI 572731 to 572844-continued

- PI 572748 **origin:** Pakistan. **collected:** July 22, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1273-001.05. **other id:** MAC91-92GH-38. **other id:** NSGC 1211. **locality:** Nomal. **latitude:** 36 deg. 20 min. N. **longitude:** 074 deg. 20 min. E. **elevation:** 1400m. Landrace. Seed.
- PI 572749 **origin:** Pakistan. **collected:** July 22, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1273-001.06. **other id:** MAC91-92GH-39. **other id:** NSGC 1212. **locality:** Nomal. **latitude:** 36 deg. 20 min. N. **longitude:** 074 deg. 20 min. E. **elevation:** 1400m. Landrace. Seed.
- PI 572750 **origin:** Pakistan. **collected:** July 22, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1273-001.07. **other id:** MAC91-92GH-40. **other id:** NSGC 1213. **locality:** Nomal. **latitude:** 36 deg. 20 min. N. **longitude:** 074 deg. 20 min. E. **elevation:** 1400m. Landrace. Seed.
- PI 572751 **origin:** Pakistan. **collected:** July 22, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1273-001.08. **other id:** MAC91-92GH-41. **other id:** NSGC 1214. **locality:** Nomal. **latitude:** 36 deg. 20 min. N. **longitude:** 074 deg. 20 min. E. **elevation:** 1400m. Landrace. Seed.
- PI 572752 **origin:** Pakistan. **collected:** July 22, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1275-001.01. **other id:** MAC91-92GH-42. **other id:** NSGC 1215. **locality:** Hurmay, 10 km from Nomal toward Naltar. **latitude:** 36 deg. 18 min. N. **longitude:** 074 deg. 10 min. E. **elevation:** 1820m. Landrace. Seed.
- PI 572753 **origin:** Pakistan. **collected:** July 22, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1275-001.02. **other id:** MAC91-92GH-43. **other id:** NSGC 1216. **locality:** Hurmay, 10 km from Nomal toward Naltar. **latitude:** 36 deg. 18 min. N. **longitude:** 074 deg. 10 min. E. **elevation:** 1820m. Landrace. Seed.
- PI 572754 **origin:** Pakistan. **collected:** July 22, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1275-001.03. **other id:** MAC91-92GH-44. **other id:** NSGC 1217. **locality:** Hurmay, 10 km from Nomal toward Naltar. **latitude:** 36 deg. 18 min. N. **longitude:** 074 deg. 10 min. E. **elevation:** 1820m. Landrace. Seed.

PI 572731 to 572844-continued

- PI 572755 **origin:** Pakistan. **collected:** July 22, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1275-001.04. **other id:** MAC91-92GH-45. **other id:** NSGC 1218. **locality:** Hurmay, 10 km from Nomal toward Naltar. **latitude:** 36 deg. 18 min. N. **longitude:** 074 deg. 10 min. E. **elevation:** 1820m. Landrace. Seed.
- PI 572756 **origin:** Pakistan. **collected:** July 22, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1275-001.05. **other id:** MAC91-92GH-46. **other id:** NSGC 1219. **locality:** Hurmay, 10 km from Nomal toward Naltar. **latitude:** 36 deg. 18 min. N. **longitude:** 074 deg. 10 min. E. **elevation:** 1820m. Landrace. Seed.
- PI 572757 **origin:** Pakistan. **collected:** July 22, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1276-001.00. **other id:** MAC91-92GH-47. **other id:** NSGC 1220. **locality:** Hurmay, 13 km from Nomal toward Naltar. **latitude:** 36 deg. 15 min. N. **longitude:** 074 deg. 10 min. E. **elevation:** 1850m. Landrace. Seed.
- PI 572758 **origin:** Pakistan. **collected:** July 22, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1277-001.00. **other id:** MAC91-92GH-48. **other id:** NSGC 1221. **locality:** Naltar Pine, 4 km before Naltar, north of Gilgit. **latitude:** 36 deg. 16 min. N. **longitude:** 074 deg. 03 min. E. **elevation:** 2040m. Landrace. Seed.
- PI 572759 **origin:** Pakistan. **collected:** July 23, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1279-001.01. **other id:** MAC91-92GH-49. **other id:** NSGC 1222. **locality:** Hanuchal, 63 km from Gilgit enroute to Skardu, Baltistan. **latitude:** 35 deg. 05 min. N. **longitude:** 074 deg. 04 min. E. **elevation:** 1280m. Landrace. Seed.
- PI 572760 **origin:** Pakistan. **collected:** July 23, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1279-001.02. **other id:** MAC91-92GH-50. **other id:** NSGC 1223. **locality:** Hanuchal, 63 km from Gilgit enroute to Skardu, Baltistan. **latitude:** 35 deg. 05 min. N. **longitude:** 074 deg. 04 min. E. **elevation:** 1280m. Landrace. Seed.

PI 572731 to 572844-continued

- PI 572761 **origin:** Pakistan. **collected:** July 23, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1279-001.03. **other id:** MAC91-92GH-51. **other id:** NSGC 1224. **locality:** Hanuchal, 63 km from Gilgit enroute to Skardu, Baltistan. **latitude:** 35 deg. 05 min. N. **longitude:** 074 deg. 04 min. E. **elevation:** 1280m. Landrace. Seed.
- PI 572762 **origin:** Pakistan. **collected:** July 23, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1280-001.00. **other id:** MAC91-92GH-52. **other id:** NSGC 1225. **locality:** Sassi, 74 km from Gilgit toward Skardu. **latitude:** 35 deg. 05 min. N. **longitude:** 074 deg. 45 min. E. **elevation:** 1300m. Landrace. Seed.
- PI 572763 **origin:** Pakistan. **collected:** July 23, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1281-001.01. **other id:** MAC91-92GH-53. **other id:** NSGC 1226. **locality:** Shengns, 106 km from Gilgit toward Skardu. **latitude:** 35 deg. 40 min. N. **longitude:** 074 deg. 50 min. E. **elevation:** 1500m. Landrace. Seed.
- PI 572764 **origin:** Pakistan. **collected:** July 23, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1281-001.02. **other id:** MAC91-92GH-54. **other id:** NSGC 1227. **locality:** Shengns, 106 km from Gilgit toward Skardu. **latitude:** 35 deg. 40 min. N. **longitude:** 074 deg. 50 min. E. **elevation:** 1500m. Landrace. Seed.
- PI 572765 **origin:** Pakistan. **collected:** July 23, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1281-001.03. **other id:** MAC91-92GH-55. **other id:** NSGC 1228. **locality:** Shengns, 106 km from Gilgit toward Skardu. **latitude:** 35 deg. 40 min. N. **longitude:** 074 deg. 50 min. E. **elevation:** 1500m. Landrace. Seed.
- PI 572766 **origin:** Pakistan. **collected:** July 23, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1281-001.04. **other id:** MAC91-92GH-56. **other id:** NSGC 1229. **locality:** Shengns, 106 km from Gilgit toward Skardu. **latitude:** 35 deg. 40 min. N. **longitude:** 074 deg. 50 min. E. **elevation:** 1500m. Landrace. Seed.

PI 572731 to 572844-continued

- PI 572767 **origin:** Pakistan. **collected:** July 23, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1283-001.00. **other id:** MAC91-92GH-57. **other id:** NSGC 1230. **locality:** Talu, 86 km west of Skardu on Gilgit-Skardu road. **latitude:** 35 deg. 40 min. N. **longitude:** 075 deg. 00 min. E. **elevation:** 1740m. Landrace. Seed.
- PI 572768 **origin:** Pakistan. **collected:** July 24, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1285-005.00. **other id:** MAC91-92GH-58. **other id:** NSGC 1231. **locality:** 1 km from Shingala check post, 26 km west of Skardu. **latitude:** 35 deg. 25 min. N. **longitude:** 075 deg. 30 min. E. **elevation:** 2020m. Landrace. Seed.
- PI 572769 **origin:** Pakistan. **collected:** July 24, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1286-001.02. **other id:** MAC91-92GH-60. **other id:** NSGC 1232. **locality:** Airport, 16 km west of Skardu. **latitude:** 35 deg. 20 min. N. **longitude:** 075 deg. 30 min. E. **elevation:** 2000m. Landrace. Seed.
- PI 572770 **origin:** Pakistan. **collected:** July 24, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1286-001.03. **other id:** MAC91-92GH-61. **other id:** NSGC 1233. **locality:** Airport, 16 km west of Skardu. **latitude:** 35 deg. 20 min. N. **longitude:** 075 deg. 30 min. E. **elevation:** 2000m. Landrace. Seed.
- PI 572771 **origin:** Pakistan. **collected:** July 24, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1286-001.04. **other id:** MAC91-92GH-62. **other id:** NSGC 1234. **locality:** Airport, 16 km west of Skardu. **latitude:** 35 deg. 20 min. N. **longitude:** 075 deg. 30 min. E. **elevation:** 2000m. Landrace. Seed.
- PI 572772 **origin:** Pakistan. **collected:** July 24, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1287-001.01. **other id:** MAC91-92GH-63. **other id:** NSGC 1235. **locality:** Gambus Skardu, 14 km before Skardu on Gilgit-Skardu road. **latitude:** 35 deg. 19 min. N. **longitude:** 075 deg. 32 min. E. **elevation:** 2020m. Landrace. Seed.

PI 572731 to 572844-continued

- PI 572773 **origin:** Pakistan. **collected:** July 24, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1287-001.02. **other id:** MAC91-92GH-64. **other id:** NSGC 1236. **locality:** Gambus Skardu, 14 km before Skardu on Gilgit-Skardu road. **latitude:** 35 deg. 19 min. N. **longitude:** 075 deg. 32 min. E. **elevation:** 2020m. Landrace. Seed.
- PI 572774 **origin:** Pakistan. **collected:** July 24, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1287-001.03. **other id:** MAC91-92GH-65. **other id:** NSGC 1237. **locality:** Gambus Skardu, 14 km before Skardu on Gilgit-Skardu road. **latitude:** 35 deg. 19 min. N. **longitude:** 075 deg. 32 min. E. **elevation:** 2020m. Landrace. Seed.
- PI 572775 **origin:** Pakistan. **collected:** July 24, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1287-001.04. **other id:** MAC91-92GH-66. **other id:** NSGC 1238. **locality:** Gambus Skardu, 14 km before Skardu on Gilgit-Skardu road. **latitude:** 35 deg. 19 min. N. **longitude:** 075 deg. 32 min. E. **elevation:** 2020m. Landrace. Seed.
- PI 572776 **origin:** Pakistan. **collected:** July 24, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1287-001.05. **other id:** MAC91-92GH-67. **other id:** NSGC 1239. **locality:** Gambus Skardu, 14 km before Skardu on Gilgit-Skardu road. **latitude:** 35 deg. 19 min. N. **longitude:** 075 deg. 32 min. E. **elevation:** 2020m. Landrace. Seed.
- PI 572777 **origin:** Pakistan. **collected:** July 24, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1287-001.06. **other id:** MAC91-92GH-68. **other id:** NSGC 1240. **locality:** Gambus Skardu, 14 km before Skardu on Gilgit-Skardu road. **latitude:** 35 deg. 19 min. N. **longitude:** 075 deg. 32 min. E. **elevation:** 2020m. Landrace. Seed.
- PI 572778 **origin:** Pakistan. **collected:** July 24, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1287-001.07. **other id:** MAC91-92GH-69. **other id:** NSGC 1241. **locality:** Gambus Skardu, 14 km before Skardu on Gilgit-Skardu road. **latitude:** 35 deg. 19 min. N. **longitude:** 075 deg. 32 min. E. **elevation:** 2020m. Landrace. Seed.

PI 572731 to 572844-continued

- PI 572779 **origin:** Pakistan. **collected:** July 24, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1287-001.08. **other id:** MAC91-92GH-70. **other id:** NSGC 1242. **locality:** Gambus Skardu, 14 km before Skardu on Gilgit-Skardu road. **latitude:** 35 deg. 19 min. N. **longitude:** 075 deg. 32 min. E. **elevation:** 2020m. Landrace. Seed.
- PI 572780 **origin:** Pakistan. **collected:** July 24, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1287-001.09. **other id:** MAC91-92GH-71. **other id:** NSGC 1243. **locality:** Gambus Skardu, 14 km before Skardu on Gilgit-Skardu road. **latitude:** 35 deg. 19 min. N. **longitude:** 075 deg. 32 min. E. **elevation:** 2020m. Landrace. Seed.
- PI 572781 **origin:** Pakistan. **collected:** July 24, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1287-001.10. **other id:** MAC91-92GH-72. **other id:** NSGC 1244. **locality:** Gambus Skardu, 14 km before Skardu on Gilgit-Skardu road. **latitude:** 35 deg. 19 min. N. **longitude:** 075 deg. 32 min. E. **elevation:** 2020m. Landrace. Seed.
- PI 572782 **origin:** Pakistan. **collected:** July 24, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1287-001.12. **other id:** MAC91-92GH-74. **other id:** NSGC 1246. **locality:** Gambus Skardu, 14 km before Skardu on Gilgit-Skardu road. **latitude:** 35 deg. 19 min. N. **longitude:** 075 deg. 32 min. E. **elevation:** 2020m. Landrace. Seed.
- PI 572783 **origin:** Pakistan. **collected:** July 24, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1287-001.13. **other id:** MAC91-92GH-75. **other id:** NSGC 1247. **locality:** Gambus Skardu, 14 km before Skardu on Gilgit-Skardu road. **latitude:** 35 deg. 19 min. N. **longitude:** 075 deg. 32 min. E. **elevation:** 2020m. Landrace. Seed.
- PI 572784 **origin:** Pakistan. **collected:** July 24, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1287-001.14. **other id:** MAC91-92GH-76. **other id:** NSGC 1248. **locality:** Gambus Skardu, 14 km before Skardu on Gilgit-Skardu road. **latitude:** 35 deg. 19 min. N. **longitude:** 075 deg. 32 min. E. **elevation:** 2020m. Landrace. Seed.

PI 572731 to 572844-continued

- PI 572785 **origin:** Pakistan. **collected:** July 24, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1287-001.15. **other id:** MAC91-92GH-77. **other id:** NSGC 1249. **locality:** Gambus Skardu, 14 km before Skardu on Gilgit-Skardu road. **latitude:** 35 deg. 19 min. N. **longitude:** 075 deg. 32 min. E. **elevation:** 2020m. Landrace. Seed.
- PI 572786 **origin:** Pakistan. **collected:** July 24, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1287-001.16. **other id:** MAC91-92GH-78. **other id:** NSGC 1250. **locality:** Gambus Skardu, 14 km before Skardu on Gilgit-Skardu road. **latitude:** 35 deg. 19 min. N. **longitude:** 075 deg. 32 min. E. **elevation:** 2020m. Landrace. Seed.
- PI 572787 **origin:** Pakistan. **collected:** July 24, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1287-001.17. **other id:** MAC91-92GH-79. **other id:** NSGC 1251. **locality:** Gambus Skardu, 14 km before Skardu on Gilgit-Skardu road. **latitude:** 35 deg. 19 min. N. **longitude:** 075 deg. 32 min. E. **elevation:** 2020m. Landrace. Seed.
- PI 572788 **origin:** Pakistan. **collected:** July 24, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1287-001.18. **other id:** MAC91-92GH-80. **other id:** NSGC 1252. **locality:** Gambus Skardu, 14 km before Skardu on Gilgit-Skardu road. **latitude:** 35 deg. 19 min. N. **longitude:** 075 deg. 32 min. E. **elevation:** 2020m. Landrace. Seed.
- PI 572789 **origin:** Pakistan. **collected:** July 24, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1287-005.00. **other id:** MAC91-92GH-82. **other id:** NSGC 1254. **locality:** Gambus Skardu, 14 km before Skardu on Gilgit-Skardu road. **latitude:** 35 deg. 19 min. N. **longitude:** 075 deg. 32 min. E. **elevation:** 2020m. Landrace. Seed.
- PI 572790 **origin:** Pakistan. **collected:** July 24, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1287-005.01. **other id:** MAC91-92GH-83. **other id:** NSGC 1255. **locality:** Gambus Skardu, 14 km before Skardu on Gilgit-Skardu road. **latitude:** 35 deg. 19 min. N. **longitude:** 075 deg. 32 min. E. **elevation:** 2020m. Landrace. Seed.

PI 572731 to 572844-continued

- PI 572791 **origin:** Pakistan. **collected:** July 24, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1287-005.03. **other id:** MAC91-92GH-84. **other id:** NSGC 1256. **locality:** Gambus Skardu, 14 km before Skardu on Gilgit-Skardu road. **latitude:** 35 deg. 19 min. N. **longitude:** 075 deg. 32 min. E. **elevation:** 2020m. Landrace. Seed.
- PI 572792 **origin:** Pakistan. **collected:** July 24, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1288-001.01. **other id:** MAC91-92GH-85. **other id:** NSGC 1257. **locality:** Hussinabad, 3 km northeast of Skardu on Shigar road. **latitude:** 35 deg. 17 min. N. **longitude:** 075 deg. 42 min. E. **elevation:** 2080m. Landrace. Seed.
- PI 572793 **origin:** Pakistan. **collected:** July 24, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1288-001.02. **other id:** MAC91-92GH-86. **other id:** NSGC 1258. **locality:** Hussinabad, 3 km northeast of Skardu on Shigar road. **latitude:** 35 deg. 17 min. N. **longitude:** 075 deg. 42 min. E. **elevation:** 2080m. Landrace. Seed.
- PI 572794 **origin:** Pakistan. **collected:** July 24, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1288-001.03. **other id:** MAC91-92GH-87. **other id:** NSGC 1259. **locality:** Hussinabad, 3 km northeast of Skardu on Shigar road. **latitude:** 35 deg. 17 min. N. **longitude:** 075 deg. 42 min. E. **elevation:** 2080m. Landrace. Seed.
- PI 572795 **origin:** Pakistan. **collected:** July 24, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1288-001.04. **other id:** MAC91-92GH-88. **other id:** NSGC 1260. **locality:** Hussinabad, 3 km northeast of Skardu on Shigar road. **latitude:** 35 deg. 17 min. N. **longitude:** 075 deg. 42 min. E. **elevation:** 2080m. Landrace. Seed.
- PI 572796 **origin:** Pakistan. **collected:** July 24, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1288-001.06. **other id:** MAC91-92GH-89. **other id:** NSGC 1261. **locality:** Hussinabad, 3 km northeast of Skardu on Shigar road. **latitude:** 35 deg. 17 min. N. **longitude:** 075 deg. 42 min. E. **elevation:** 2080m. Landrace. Seed.

PI 572731 to 572844-continued

- PI 572797 **origin:** Pakistan. **collected:** July 24, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1289-001.00. **other id:** MAC91-92GH-90. **other id:** NSGC 1262. **locality:** Lamsa, 8 km before Shigar on Skardu-Shigar road. **latitude:** 35 deg. 20 min. N. **longitude:** 075 deg. 45 min. E. **elevation:** 2080m. Landrace. Seed.
- PI 572798 **origin:** Pakistan. **collected:** July 24, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1290-005.00. **other id:** MAC91-92GH-91. **other id:** NSGC 1263. **locality:** Kothan Pine, 6 km before Shigar on Shigar-Skardu road. **latitude:** 35 deg. 21 min. N. **longitude:** 075 deg. 46 min. E. **elevation:** 2080m. Landrace. Seed.
- PI 572799 **origin:** Pakistan. **collected:** July 24, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1295-001.00. **other id:** MAC91-92GH-92. **other id:** NSGC 1264. **locality:** Hajigam, 3 km from Skardu on Das road. **latitude:** 35 deg. 15 min. N. **longitude:** 075 deg. 37 min. E. **elevation:** 2160m. Landrace. Seed.
- PI 572800 **origin:** Pakistan. **collected:** July 25, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1301-001.01. **other id:** MAC91-92GH-93. **other id:** NSGC 1265. **locality:** Sordas, 35 km from Skardu toward Gilgit. **elevation:** 2020m. Landrace. Seed.
- PI 572801 **origin:** Pakistan. **collected:** July 25, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1301-001.02. **other id:** MAC91-92GH-94. **other id:** NSGC 1266. **locality:** Sordas, 35 km from Skardu toward Gilgit. **elevation:** 2020m. Landrace. Seed.
- PI 572802 **origin:** Pakistan. **collected:** July 25, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1301-001.03. **other id:** MAC91-92GH-95. **other id:** NSGC 1267. **locality:** Sordas, 35 km from Skardu toward Gilgit. **elevation:** 2020m. Landrace. Seed.
- PI 572803 **origin:** Pakistan. **collected:** July 26, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1302-001.00. **other id:** MAC91-92GH-96. **other id:** NSGC 1268. **locality:** 40 km west of Skardu toward Gilgit. **elevation:** 2010m. Landrace. Seed.

PI 572731 to 572844-continued

- PI 572804 **origin:** Pakistan. **collected:** July 27, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1304-001.00. **other id:** MAC91-92GH-97. **other id:** NSGC 1269. **locality:** Danyur, 15 km from Gilgit on Hunza road. **latitude:** 35 deg. 58 min. N. **longitude:** 074 deg. 22 min. E. **elevation:** 1380m. Landrace. Seed.
- PI 572805 **origin:** Pakistan. **collected:** July 27, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1305-001.00. **other id:** MAC91-92GH-98. **other id:** NSGC 1270. **locality:** Jutal, 20 km from Gilgit on Hunza road. **latitude:** 36 deg. 02 min. N. **longitude:** 074 deg. 20 min. E. **elevation:** 1450m. Landrace. Seed.
- PI 572806 **origin:** Pakistan. **collected:** July 27, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1306-002.00. **other id:** MAC91-92GH-99. **other id:** NSGC 1271. **locality:** Chalt, 58 km from Gilgit on Hunza road. **latitude:** 36 deg. 15 min. N. **longitude:** 074 deg. 20 min. E. **elevation:** 1660m. Landrace. Seed.
- PI 572807 **origin:** Pakistan. **collected:** July 27, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1307-001.00. **other id:** MAC91-92GH-100. **other id:** NSGC 1272. **locality:** Shaudar Abad, 67 km from Gilgit toward Hunza. **latitude:** 36 deg. 13 min. N. **longitude:** 074 deg. 23 min. E. **elevation:** 1860m. Landrace. Seed.
- PI 572808 **origin:** Pakistan. **collected:** July 27, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1308-001.01. **other id:** MAC91-92GH-101. **other id:** NSGC 1273. **locality:** Gulmit, 73 km from Gilgit toward Hunza. **latitude:** 36 deg. 15 min. N. **longitude:** 074 deg. 30 min. E. **elevation:** 1840m. Landrace. Seed.
- PI 572809 **origin:** Pakistan. **collected:** July 27, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1308-001.02. **other id:** MAC91-92GH-102. **other id:** NSGC 1274. **locality:** Gulmit, 73 km from Gilgit toward Hunza. **latitude:** 36 deg. 15 min. N. **longitude:** 074 deg. 30 min. E. **elevation:** 1840m. Landrace. Seed.

PI 572731 to 572844-continued

- PI 572810 **origin:** Pakistan. **collected:** July 27, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1308-001.03. **other id:** MAC91-92GH-103. **other id:** NSGC 1275. **locality:** Gulmit, 73 km from Gilgit toward Hunza. **latitude:** 36 deg. 15 min. N. **longitude:** 074 deg. 30 min. E. **elevation:** 1840m. Landrace. Seed.
- PI 572811 **origin:** Pakistan. **collected:** July 27, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1308-001.04. **other id:** MAC91-92GH-104. **other id:** NSGC 1276. **locality:** Gulmit, 73 km from Gilgit toward Hunza. **latitude:** 36 deg. 15 min. N. **longitude:** 074 deg. 30 min. E. **elevation:** 1840m. Landrace. Seed.
- PI 572812 **origin:** Pakistan. **collected:** July 27, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1308-001.05. **other id:** MAC91-92GH-105. **other id:** NSGC 1277. **locality:** Gulmit, 73 km from Gilgit toward Hunza. **latitude:** 36 deg. 15 min. N. **longitude:** 074 deg. 30 min. E. **elevation:** 1840m. Landrace. Seed.
- PI 572813 **origin:** Pakistan. **collected:** July 27, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1308-001.06. **other id:** MAC91-92GH-106. **other id:** NSGC 1278. **locality:** Gulmit, 73 km from Gilgit toward Hunza. **latitude:** 36 deg. 15 min. N. **longitude:** 074 deg. 30 min. E. **elevation:** 1840m. Landrace. Seed.
- PI 572814 **origin:** Pakistan. **collected:** July 27, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1308-001.07. **other id:** MAC91-92GH-107. **other id:** NSGC 1279. **locality:** Gulmit, 73 km from Gilgit toward Hunza. **latitude:** 36 deg. 15 min. N. **longitude:** 074 deg. 30 min. E. **elevation:** 1840m. Landrace. Seed.
- PI 572815 **origin:** Pakistan. **collected:** July 27, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1308-001.08. **other id:** MAC91-92GH-108. **other id:** NSGC 1280. **locality:** Gulmit, 73 km from Gilgit toward Hunza. **latitude:** 36 deg. 15 min. N. **longitude:** 074 deg. 30 min. E. **elevation:** 1840m. Landrace. Seed.

PI 572731 to 572844-continued

- PI 572816 **origin:** Pakistan. **collected:** July 27, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1308-001.10. **other id:** MAC91-92GH-109. **other id:** NSGC 1281. **locality:** Gulmit, 73 km from Gilgit toward Hunza. **latitude:** 36 deg. 15 min. N. **longitude:** 074 deg. 30 min. E. **elevation:** 1840m. Landrace. Seed.
- PI 572817 **origin:** Pakistan. **collected:** July 27, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1308-001.11. **other id:** MAC91-92GH-110. **other id:** NSGC 1282. **locality:** Gulmit, 73 km from Gilgit toward Hunza. **latitude:** 36 deg. 15 min. N. **longitude:** 074 deg. 30 min. E. **elevation:** 1840m. Landrace. Seed.
- PI 572818 **origin:** Pakistan. **collected:** July 27, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1308-001.12. **other id:** MAC91-92GH-111. **other id:** NSGC 1283. **locality:** Gulmit, 73 km from Gilgit toward Hunza. **latitude:** 36 deg. 15 min. N. **longitude:** 074 deg. 30 min. E. **elevation:** 1840m. Landrace. Seed.
- PI 572819 **origin:** Pakistan. **collected:** July 27, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1308-001.13. **other id:** MAC91-92GH-112. **other id:** NSGC 1284. **locality:** Gulmit, 73 km from Gilgit toward Hunza. **latitude:** 36 deg. 15 min. N. **longitude:** 074 deg. 30 min. E. **elevation:** 1840m. Landrace. Seed.
- PI 572820 **origin:** Pakistan. **collected:** July 27, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1310-001.00. **other id:** MAC91-92GH-113. **other id:** NSGC 1285. **locality:** Murtiza Abad, near Karim Abad, Hunza. **latitude:** 36 deg. 17 min. N. **longitude:** 074 deg. 40 min. E. **elevation:** 1960m. Landrace. Seed.
- PI 572821 **origin:** Pakistan. **collected:** July 27, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1311-001.01. **other id:** MAC91-92GH-114. **other id:** NSGC 1286. **locality:** Karimaabad, near Hilltop Hotel. **latitude:** 36 deg. 17 min. N. **longitude:** 074 deg. 40 min. E. **elevation:** 2140m. Landrace. Seed.

PI 572731 to 572844-continued

- PI 572822 **origin:** Pakistan. **collected:** July 27, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1311-001.02. **other id:** MAC91-92GH-115. **other id:** NSGC 1287. **locality:** Karimabad, near Hilltop Hotel. **latitude:** 36 deg. 17 min. N. **longitude:** 074 deg. 40 min. E. **elevation:** 2140m. Landrace. Seed.
- PI 572823 **origin:** Pakistan. **collected:** July 28, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1313-001.01. **other id:** MAC91-92GH-116. **other id:** NSGC 1288. **locality:** Aiana (Ayeena), 30 km north of Karimabad toward China. **latitude:** 36 deg. 20 min. N. **longitude:** 074 deg. 50 min. E. **elevation:** 2140m. Landrace. Seed.
- PI 572824 **origin:** Pakistan. **collected:** July 28, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1313-001.02. **other id:** MAC91-92GH-117. **other id:** NSGC 1289. **locality:** Aiana (Ayeena), 30 km north of Karimabad toward China. **elevation:** 2140m. Landrace. Seed.
- PI 572825 **origin:** Pakistan. **collected:** July 28, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1313-001.03. **other id:** MAC91-92GH-118. **other id:** NSGC 1290. **locality:** Aiana (Ayeena), 30 km north of Karimabad toward China. **latitude:** 36 deg. 20 min. N. **longitude:** 074 deg. 50 min. E. **elevation:** 2140m. Landrace. Seed.
- PI 572826 **origin:** Pakistan. **collected:** July 28, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1313-001.04. **other id:** MAC91-92GH-119. **other id:** NSGC 1291. **locality:** Aiana (Ayeena), 30 km north of Karimabad toward China. **latitude:** 36 deg. 20 min. N. **longitude:** 074 deg. 50 min. E. **elevation:** 2140m. Landrace. Seed.
- PI 572827 **origin:** Pakistan. **collected:** July 28, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1314-001.01. **other id:** MAC91-92GH-120. **other id:** NSGC 1292. **locality:** Khaibar (Khybar), 52 km northeast of Karimabad on Khunjrab road. **latitude:** 36 deg. 35 min. N. **longitude:** 074 deg. 50 min. E. **elevation:** 2450m. Landrace. Seed.

PI 572731 to 572844-continued

- PI 572828 **origin:** Pakistan. **collected:** July 28, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1314-001.02. **other id:** MAC91-92GH-121. **other id:** NSGC 1293. **locality:** Khaibar (Khybar), 52 km northeast of Karimabad on Khunjrab road. **latitude:** 36 deg. 35 min. N. **longitude:** 074 deg. 50 min. E. **elevation:** 2450m. Landrace. Seed.
- PI 572829 **origin:** Pakistan. **collected:** July 28, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1314-003.00. **other id:** MAC91-92GH-122. **other id:** NSGC 1294. **locality:** Khaibar (Khybar), 52 km northeast of Karimabad toward Khumjrab Pass; seed store. **latitude:** 36 deg. 35 min. N. **longitude:** 074 deg. 30 min. E. **elevation:** 2450m. Landrace. Seed.
- PI 572830 **origin:** Pakistan. **collected:** July 30, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1317-001.00. **other id:** MAC91-92GH-124. **other id:** NSGC 1296. **locality:** Nafora Baseem, north of Gilgit toward Gakuch. **latitude:** 35 deg. 55 min. N. **longitude:** 074 deg. 13 min. E. **elevation:** 1320m. Landrace. Seed.
- PI 572831 **origin:** Pakistan. **collected:** July 30, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1317-001.01. **other id:** MAC91-92GH-125. **other id:** NSGC 1297. **locality:** Nafora Baseem, north of Gilgit toward Gakuch. **latitude:** 35 deg. 55 min. N. **longitude:** 074 deg. 13 min. E. **elevation:** 1320m. Landrace. Seed.
- PI 572832 **origin:** Pakistan. **collected:** July 30, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1318-001.00. **other id:** MAC91-92GH-126. **other id:** NSGC 1298. **locality:** Shakyot village. **latitude:** 36 deg. 03 min. N. **longitude:** 074 deg. 05 min. E. **elevation:** 1540m. Landrace. Seed.
- PI 572833 **origin:** Pakistan. **collected:** July 30, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1319-002.00. **other id:** MAC91-92GH-127. **other id:** NSGC 1299. **locality:** Gitch, 16 km before Gakuch from Gilgit. **latitude:** 36 deg. 05 min. N. **longitude:** 073 deg. 53 min. E. **elevation:** 1660m. Landrace. Seed.

PI 572731 to 572844-continued

- PI 572834 **origin:** Pakistan. **collected:** July 30, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1320-001.00. **other id:** MAC91-92GH-128. **other id:** NSGC 1300. **locality:** 16 km before Gakuch on Gupis road. **latitude:** 36 deg. 04 min. N. **longitude:** 073 deg. 48 min. E. **elevation:** 1760m. Landrace. Seed.
- PI 572835 **origin:** Pakistan. **collected:** July 30, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1321-002.00. **other id:** MAC91-92GH-129. **other id:** NSGC 1301. **locality:** Farm storage, Tawos, 5 km from Yasin to Thuis road. **latitude:** 36 deg. 22 min. N. **longitude:** 073 deg. 22 min. E. **elevation:** 2200m. Landrace. Seed.
- PI 572836 **origin:** Pakistan. **collected:** July 31, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1322-001.01. **other id:** MAC91-92GH-130. **other id:** NSGC 1302. **locality:** Tawos Bala, 6 km from Yasin to Thui road. **latitude:** 36 deg. 24 min. N. **longitude:** 073 deg. 25 min. E. **elevation:** 2200m. Landrace. Seed.
- PI 572837 **origin:** Pakistan. **collected:** July 31, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1323-001.00. **other id:** MAC91-92GH-131. **other id:** NSGC 1303. **locality:** Seed store, Ghainsil, 14 km from Yasim to Thui road. **latitude:** 36 deg. 29 min. N. **longitude:** 073 deg. 20 min. E. **elevation:** 2280m. Landrace. Seed.
- PI 572838 **origin:** Pakistan. **collected:** August 01, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1327-001.00. **other id:** MAC91-92GH-132. **other id:** NSGC 1304. **locality:** Saliharng, 16 km from Yasin on Gupis road. **latitude:** 36 deg. 13 min. N. **longitude:** 073 deg. 22 min. E. **elevation:** 1970m. Landrace. Seed.
- PI 572839 **origin:** Pakistan. **collected:** August 01, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1327-001.01. **other id:** MAC91-92GH-133. **other id:** NSGC 1305. **locality:** Saliharng, 16 km from Yasin on Gupis road. **latitude:** 36 deg. 13 min. N. **longitude:** 073 deg. 22 min. E. **elevation:** 1970m. Landrace. Seed.

PI 572731 to 572844-continued

- PI 572840 **origin:** Pakistan. **collected:** August 01, 1986.
collector: R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan
Agric. Res. Center; ICARDA. **collector id:**
86PK1327-001.02. **other id:** MAC91-92GH-134. **other id:**
NSGC 1306. **locality:** Saliharng, 16 km from Yasin on
Gupis road. **latitude:** 36 deg. 13 min. N. **longitude:** 073
deg. 22 min. E. **elevation:** 1970m. Landrace. Seed.
- PI 572841 **origin:** Pakistan. **collected:** August 01, 1986.
collector: R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan
Agric. Res. Center; ICARDA. **collector id:**
86PK1329-001.00. **other id:** MAC91-92GH-135. **other id:**
NSGC 1307. **locality:** Hakis, 3 km from Gupis on Gilgit
road. **latitude:** 36 deg. 13 min. N. **longitude:** 073 deg.
19 min. E. **elevation:** 1910m. Landrace. Seed.
- PI 572842 **origin:** Pakistan. **collected:** August 01, 1986.
collector: R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan
Agric. Res. Center; ICARDA. **collector id:**
86PK1329-002.00. **other id:** MAC91-92GH-136. **other id:**
NSGC 1308. **locality:** Seed store, Gupis. **latitude:** 36
deg. 13 min. N. **longitude:** 073 deg. 18 min. E.
elevation: 1990m. Landrace. Seed.
- PI 572843 **origin:** Pakistan. **collected:** August 01, 1986.
collector: R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan
Agric. Res. Center; ICARDA. **collector id:**
86PK1329-005.02. **other id:** MAC91-92GH-138. **other id:**
NSGC 1310. **locality:** Hakis, 3 km from Gupis on road to
Gilgit. **latitude:** 36 deg. 13 min. N. **longitude:** 073
deg. 49 min. E. **elevation:** 1910m. Landrace. Seed.
- PI 572844 **origin:** Pakistan. **collected:** August 01, 1986.
collector: R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan
Agric. Res. Center; ICARDA. **collector id:**
86PK1330-001.00. **other id:** MAC91-92GH-139. **other id:**
NSGC 1311. **locality:** Dammas, 30 km south of Gupis on
road to Gilgit. **latitude:** 36 deg. 11 min. N. **longitude:**
073 deg. 42 min. E. **elevation:** 1710m. Landrace. Seed.

PI 572845 to 572847. *Triticum aestivum* L., nom. cons. POACEAE

Donated by: N.I. Vavilov Inst. Plant Industry, 44 Herzen Street, St.
Petersburg 190000, Russian Federation. Received August 20, 1993.

- PI 572845 **origin:** Russian Federation. **cultivar:** ERYTHROSPERMUM
5221. **collector:** N.I. Vavilov Institute of Plant
Industry, St. Petersburg. **collector id:** WIR 57456.
other id: NSGC 1420. **remarks:** Contains 'new' bunt
resistance genes. Cultivar. Seed.

PI 572845 to 572847-continued

PI 572846 **origin:** Russian Federation. **cultivar:** KALININSKAYA II.
pedigree: RPG 46-131/Purei Sizui//RPG 46-131. **collector:**
N.I. Vavilov Institute of Plant Industry, St. Petersburg.
collector id: WIR 46957. **other id:** NSGC 1421. **remarks:**
Contains 'new' bunt resistance genes. Cultivar. Seed.

PI 572847 **origin:** Russian Federation. **cultivar:** KALININSKAYA 27.
pedigree: PPG 186/Moskovskaja 2453. **collector:** N.I.
Vavilov Institute of Plant Industry, St. Petersburg.
collector id: WIR 60448. **other id:** NSGC 1422. **remarks:**
Contains 'new' bunt resistance genes. Cultivar. Seed.

PI 572848 to 572849. *Triticum carthlicum* Nevski POACEAE

Donated by: Dragavtsev, V., N.I. Vavilov Inst. of Plant Industry, 44
Herzen Street, St. Petersburg 190000, Russian Federation. Received
August 20, 1993.

PI 572848 **origin:** Armenia. **collector:** N.I. Vavilov Institute of
Plant Industry, St. Petersburg. **collector id:** WIR 19735.
other id: NSGC 318. **received as:** *Triticum persicum*.
Landrace. Seed.

PI 572849 **origin:** Georgia. **collector:** N.I. Vavilov Institute of
Plant Industry, St. Petersburg. **collector id:** WIR 27656.
other id: NSGC 319. **received as:** *Triticum persicum*.
Landrace. Seed.

PI 572850. *Triticum compactum* Host POACEAE

Donated by: Mackay, M.C., Australian Winter Cereals Collection, RMB
944, Calala Lane, Tamworth, New South Wales 2340, Australia.
Received August 20, 1993.

origin: Australia. **developed:** A. Rosielle. **origin**
institute: West Australian Dept. of Agriculture, Western
Australia Australia. **origin institute id:** 77Z:832.
cultivar: CORRIGIN. **pedigree:**
Tincurrin*2//Gamenya/Iassul. **collector:** Australian
Winter Cereals Collection, Tamworth. **collector id:** AUS
24850. **other id:** 77Z379-100-9*2. **other id:** NSGC 482.
Cultivar. Seed.

PI 572851 to 572857. *Triticum compactum* Host POACEAE

Donated by: Metzger, R.J., USDA-ARS, Oregon State University, Oregon
State University, Corvallis, Oregon 97331, United States. Received
August 20, 1993.

PI 572851 to 572857-continued

- PI 572851 **origin:** Pakistan. **collected:** July 24, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1287-001.11. **other id:** MAC91-92GH-73. **other id:** NSGC 1245. **locality:** Gambus Skardu, 14 km before Skardu on Gilgit-Skardu road. **latitude:** 35 deg. 19 min. N. **longitude:** 075 deg. 32 min. E. **elevation:** 2020m. Landrace. Seed.
- PI 572852 **origin:** Pakistan. **collected:** July 24, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1287-001.19. **other id:** MAC91-92GH-81. **other id:** NSGC 1253. **locality:** Gambus Skardu, 14 km before Skardu on Gilgit-Skardu road. **latitude:** 35 deg. 19 min. N. **longitude:** 075 deg. 32 min. E. **elevation:** 2020m. Landrace. Seed.
- PI 572853 **origin:** Pakistan. **collected:** July 28, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1315-005.01. **other id:** MAC91-92GH-123. **other id:** NSGC 1295. **locality:** Seed store, Moorkhund, 60 km northeast of Karimabad. **latitude:** 36 deg. 42 min. N. **longitude:** 074 deg. 50 min. E. **elevation:** 2480m. Landrace. Seed.
- PI 572854 **origin:** Pakistan. **collected:** August 01, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1329-005.01. **other id:** MAC91-92GH-137. **other id:** NSGC 1309. **locality:** Hakis, 3 km from Gupis on road to Gilgit. **latitude:** 36 deg. 13 min. N. **longitude:** 073 deg. 49 min. E. **elevation:** 1910m. Landrace. Seed.
- PI 572855 **origin:** Pakistan. **collected:** July 24, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1288-001.05. **other id:** MAC91-92GH-149. **other id:** NSGC 1312. **locality:** Hussinabad, 3 km northeast of Skardu on Shigar road. **latitude:** 35 deg. 17 min. N. **longitude:** 075 deg. 42 min. E. **elevation:** 2080m. Landrace. Seed.
- PI 572856 **origin:** Pakistan. **collected:** July 24, 1986. **collector:** R.J. Metzger, USDA-ARS, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1291-001.01. **other id:** MAC91-92GH-150. **other id:** NSGC 1313. **locality:** Kothan Bala, 4 km before Shigar on Skardu-Shigar road. **latitude:** 35 deg. 24 min. N. **longitude:** 075 deg. 46 min. E. **elevation:** 2060m. Landrace. Seed.

PI 572851 to 572857-continued

PI 572857 **origin:** Pakistan. **collected:** July 28, 1986. **collector:** R.J. Metzger, USDA-ARs, Corvallis, OR Pakistan Agric. Res. Center; ICARDA. **collector id:** 86PK1315-001.00. **other id:** MAC91-92GH-151. **other id:** NSGC 1314. **locality:** Moorkhund, 60 km northeast of Karimabad; seed store. **latitude:** 36 deg. 42 min. N. **longitude:** 074 deg. 50 min. E. **elevation:** 2480m. Landrace. Seed.

PI 572858 to 572861. *Triticum dicoccon* Schrank POACEAE

Donated by: Dragavtsev, V., N.I. Vavilov Inst. of Plant Industry, 44 Herzen Street, St. Petersburg 190000, Russian Federation. Received August 20, 1993.

PI 572858 **origin:** Armenia. **collector:** N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 13654. **other id:** NSGC 314. Landrace. Seed.

PI 572859 **origin:** Armenia. **collector:** N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 11400. **other id:** NSGC 315. Landrace. Seed.

PI 572860 **origin:** Ethiopia. **local name:** AJAR. **collector:** N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 5154. **other id:** NSGC 316. Landrace. Seed.

PI 572861 **origin:** Germany. **collector:** N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 1735. **other id:** NSGC 317. Landrace. Seed.

PI 572862 to 572899. *Triticum durum* Desf. POACEAE

Donated by: Dragavtsev, V., N.I. Vavilov Inst. of Plant Industry, 44 Herzen Street, St. Petersburg 190000, Russian Federation. Received August 20, 1993.

PI 572862 **origin:** Russian Federation. **cultivar:** KYZYL BUGDA. **collector:** N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 57423. **other id:** NSGC 268. Cultivar. Seed.

PI 572863 **origin:** Russian Federation. **cultivar:** ZEMCUZINA. **collector:** N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 55108. **other id:** NSGC 269. Cultivar. Seed.

PI 572862 to 572899-continued

- PI 572864 **origin:** Russian Federation. **cultivar:** HORDEIFORME 1816.
collector: N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 54208. **other id:** NSGC 270. Cultivar. Seed.
- PI 572865 **origin:** Russian Federation. **cultivar:** LEUCURUM 1801.
collector: N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 54209. **other id:** NSGC 271. Cultivar. Seed.
- PI 572866 **origin:** Russian Federation. **cultivar:** LINIJA 2620.
collector: N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 40247. **other id:** NSGC 272. Cultivar. Seed.
- PI 572867 **origin:** Russian Federation. **cultivar:** SARATOVSKAJA 53.
collector: N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 54338. **other id:** NSGC 273. Cultivar. Seed.
- PI 572868 **origin:** Russian Federation. **cultivar:** KANDIKANS 75/09.
collector: N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 37321. **other id:** NSGC 274. Cultivar. Seed.
- PI 572869 **origin:** Russian Federation. **cultivar:** SARATOVSKAJA 57.
collector: N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 57209. **other id:** NSGC 275. Cultivar. Seed.
- PI 572870 **origin:** Russian Federation. **cultivar:** ANTEJ. **collector:** N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 57032. **other id:** NSGC 276. Cultivar. Seed.
- PI 572871 **origin:** Russian Federation. **cultivar:** ORENBURGSKAJA RANNIAJA. **collector:** N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 56816. **other id:** NSGC 277. Cultivar. Seed.
- PI 572872 **origin:** Russian Federation. **cultivar:** TIM KARLIK 568.
collector: N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 57974. **other id:** NSGC 278. Cultivar. Seed.
- PI 572873 **origin:** Russian Federation. **cultivar:** ATLANT.
collector: N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 54532. **other id:** NSGC 279. Cultivar. Seed.

PI 572862 to 572899-continued

- PI 572874 **origin:** Russian Federation. **cultivar:** TIM KARLIK 556.
collector: N.I. Vavilov Institute of Plant Industry, St.
Petersburg. **collector id:** WIR 57910. **other id:** NSGC
280. Cultivar. Seed.
- PI 572875 **origin:** Russian Federation. **cultivar:** BASKIRSKAJA 17.
collector: N.I. Vavilov Institute of Plant Industry, St.
Petersburg. **collector id:** WIR 55255. **other id:** NSGC
281. Cultivar. Seed.
- PI 572876 **origin:** Russian Federation. **cultivar:** TIM KARLIK 553.
collector: N.I. Vavilov Institute of Plant Industry, St.
Petersburg. **collector id:** WIR 57909. **other id:** NSGC
282. Cultivar. Seed.
- PI 572877 **origin:** Russian Federation. **cultivar:** ORENBURGSKAJA 10.
collector: N.I. Vavilov Institute of Plant Industry, St.
Petersburg. **collector id:** WIR 57450. **other id:** NSGC
283. Cultivar. Seed.
- PI 572878 **origin:** Russian Federation. **cultivar:** PALESTINKA 5.
collector: N.I. Vavilov Institute of Plant Industry, St.
Petersburg. **collector id:** WIR 33069. **other id:** NSGC
284. Cultivar. Seed.
- PI 572879 **origin:** Russian Federation. **cultivar:** ANGARA.
collector: N.I. Vavilov Institute of Plant Industry, St.
Petersburg. **collector id:** WIR 54207. **other id:** NSGC
286. Cultivar. Seed.
- PI 572880 **origin:** Russian Federation. **cultivar:** PALESTINKA 7.
collector: N.I. Vavilov Institute of Plant Industry, St.
Petersburg. **collector id:** WIR 33071. **other id:** NSGC
287. Cultivar. Seed.
- PI 572881 **origin:** Russian Federation. **cultivar:** MUTIKO-CERULESCENS
854. **collector:** N.I. Vavilov Institute of Plant
Industry, St. Petersburg. **collector id:** WIR 55615.
other id: NSGC 288. Cultivar. Seed.
- PI 572882 **origin:** Russian Federation. **cultivar:** AFGANISTAN 32.
collector: N.I. Vavilov Institute of Plant Industry, St.
Petersburg. **collector id:** WIR 33073. **other id:** NSGC
289. Cultivar. Seed.
- PI 572883 **origin:** Russian Federation. **cultivar:** ALENUSKA.
collector: N.I. Vavilov Institute of Plant Industry, St.
Petersburg. **collector id:** WIR 58118. **other id:** NSGC
290. Cultivar. Seed.

PI 572862 to 572899-continued

- PI 572884 **origin:** Russian Federation. **cultivar:** BOZAH. **collector:** N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 15524. **other id:** NSGC 291. Cultivar. Seed.
- PI 572885 **origin:** Russian Federation. **cultivar:** HAR'KOVSKAJA 37. **collector:** N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 57360. **other id:** NSGC 292. Cultivar. Seed.
- PI 572886 **origin:** Russian Federation. **cultivar:** IZUMRUD. **collector:** N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 54514. **other id:** NSGC 293. Cultivar. Seed.
- PI 572887 **origin:** Russian Federation. **cultivar:** LUGANSKAJA 7. **collector:** N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 55750. **other id:** NSGC 294. Cultivar. Seed.
- PI 572888 **origin:** Russian Federation. **cultivar:** MUTIKITALIKUM 59H132. **collector:** N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 52429. **other id:** NSGC 295. Cultivar. Seed.
- PI 572889 **origin:** Russian Federation. **cultivar:** CERNOMOR. **collector:** N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 56925. **other id:** NSGC 296. Cultivar. Seed.
- PI 572890 **origin:** Russian Federation. **cultivar:** KARA BUGDA. **collector:** N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 15322. **other id:** NSGC 298. Cultivar. Seed.
- PI 572891 **origin:** Russian Federation. **cultivar:** SEVERNAJA ZAARDA. **collector:** N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 17001. **other id:** NSGC 299. Cultivar. Seed.
- PI 572892 **origin:** Russian Federation. **cultivar:** DERBENTSKAJA CERNOKOLOSAJA GLADKOOSTIST. **collector:** N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 47690. **other id:** NSGC 300. Cultivar. Seed.
- PI 572893 **origin:** Russian Federation. **cultivar:** AG-BUGDA. **collector:** N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 16780. **other id:** NSGC 301. Cultivar. Seed.

PI 572862 to 572899-continued

- PI 572894 **origin:** Russian Federation. **cultivar:** CERNOKOLOSKA.
collector: N.I. Vavilov Institute of Plant Industry, St.
Petersburg. **collector id:** WIR 4822. **other id:** NSGC 302.
Cultivar. Seed.
- PI 572895 **origin:** Russian Federation. **cultivar:** AKTIUBINSKAJA 74.
collector: N.I. Vavilov Institute of Plant Industry, St.
Petersburg. **collector id:** WIR 54534. **other id:** NSGC
303. Cultivar. Seed.
- PI 572896 **origin:** Russian Federation. **cultivar:** MERKURIJ.
collector: N.I. Vavilov Institute of Plant Industry, St.
Petersburg. **collector id:** WIR 57301. **other id:** NSGC
304. Cultivar. Seed.
- PI 572897 **origin:** Russian Federation. **cultivar:** SIRVAN 3.
collector: N.I. Vavilov Institute of Plant Industry, St.
Petersburg. **collector id:** WIR 55584. **other id:** NSGC
305. Cultivar. Seed.
- PI 572898 **origin:** Russian Federation. **cultivar:** SOLNYSKO.
collector: N.I. Vavilov Institute of Plant Industry, St.
Petersburg. **collector id:** WIR 57207. **other id:** NSGC
306. Cultivar. Seed.
- PI 572899 **origin:** Russian Federation. **cultivar:** SARY BUGDA.
collector: N.I. Vavilov Institute of Plant Industry, St.
Petersburg. **collector id:** WIR 15487. **other id:** NSGC
307. Cultivar. Seed.

PI 572900. *Triticum durum* Desf. POACEAE

Donated by: Hanelt, P., Zentralinstitut für Genetik u. Kultur.,
Correnstrasse 3, D-O-4325, Gatersleben, Germany. Received August
20, 1993.

origin: Georgia. **origin institute id:** AW 6628/85.
collected: August 09, 1984. **collector:** P. Hanelt, ZiGuK,
Gatersleben J. Kruse, Botanical Institute, Tblisi.
collector id: SN-Z7. **other id:** NSGC 374. **locality:**
Botanical Institute, Latali, southwest of Mestia, Rayon
Mestia, Ober-Svanetien; originally from Chuari, Rayon
Mestia. Landrace. Seed.

PI 572901 to 572903. *Triticum durum* Desf. POACEAE

Donated by: Mattatia, J., University of Missouri, Department of
Agronomy, 205 Curtis Hall, Columbia, Missouri 65211, United States.
Received August 20, 1993.

PI 572901 to 572903-continued

- PI 572901 **origin:** Israel. **collected:** April 12, 1985. **collector:** J. Mattatia, University of Missouri, Columbia, MO. **collector id:** JM-3987. **other id:** NSGC 1149. **locality:** Abud, Samaria. Landrace. Seed.
- PI 572902 **origin:** Israel. **collected:** April 12, 1985. **collector:** J. Mattatia, University of Missouri, Columbia, MO. **collector id:** JM-3987a. **other id:** NSGC 1150. **locality:** Abud, Samaria. Landrace. Seed.
- PI 572903 **origin:** Israel. **collected:** April 12, 1985. **collector:** J. Mattatia, University of Missouri, Columbia, MO. **collector id:** JM-3989. **other id:** NSGC 1152. **locality:** Abud, Samaria. Landrace. Seed.

PI 572904. *Triticum ispahanicum* Heslot POACEAE

Donated by: Dragavtsev, V., N.I. Vavilov Inst. of Plant Industry, 44 Herzen Street, St. Petersburg 190000, Russian Federation. Received August 20, 1993.

origin: Iran. **collector:** N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 43064. **other id:** NSGC 339. Landrace. Seed.

PI 572905 to 572907. *Triticum macha* Dekapr. & Menabde POACEAE

Donated by: Dragavtsev, V., N.I. Vavilov Inst. of Plant Industry, 44 Herzen Street, St. Petersburg 190000, Russian Federation. Received August 20, 1993.

- PI 572905 **origin:** Georgia. **collector:** N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 29576. **other id:** NSGC 328. Landrace. Seed.
- PI 572906 **origin:** Georgia. **collector:** N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 28168. **other id:** NSGC 329. Landrace. Seed.
- PI 572907 **origin:** Georgia. **collector:** N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 28214. **other id:** NSGC 330. Landrace. Seed.

PI 572908 to 572913. *Triticum macha* Dekapr. & Menabde POACEAE

Donated by: Hanelt, P., Zentralinstitut für Genetik u. Kultur., Correnstrasse 3, D-O-4325, Gatersleben, Germany. Received August 20, 1993.

PI 572908 to 572913-continued

- PI 572908 **origin:** Georgia. **origin institute id:** H Tri 13595/89. **collected:** July 26, 1982. **collector:** P. Hanelt, ZiGuK, Gatersleben J. Kruse, Botanical Institute, Tblisi. **collector id:** SN-261. **other id:** TRI 139595. **other id:** NSGC 393. **locality:** Cchuteli, east of Cageri, Rayon Cageri, Lecchuai; college experimental field. **elevation:** 500m. Landrace. Seed.
- PI 572909 **origin:** Georgia. **origin institute id:** H Tri 13602/83. **collected:** July 26, 1982. **collector:** P. Hanelt, ZiGuK, Gatersleben J. Kruse, Botanical Institute, Tblisi. **collector id:** SN-262b. **other id:** TRI 13602. **other id:** NSGC 395. **locality:** Cchuteli, east of Cageri, Rayon Cageri, Lecchuai; college experimental field. **elevation:** 500m. Landrace. Seed.
- PI 572910 **origin:** Georgia. **origin institute id:** H Tri 13603/89. **collected:** July 26, 1982. **collector:** P. Hanelt, ZiGuK, Gatersleben J. Kruse, Botanical Institute, Tblisi. **collector id:** SN-262c. **other id:** TRI 13603. **other id:** NSGC 396. **locality:** Cchuteli, east of Cageri, Rayon Cageri, Lecchuai; college experimental field. **elevation:** 500m. Landrace. Seed.
- PI 572911 **origin:** Georgia. **origin institute id:** H Tri 13613/87. **collected:** July 27, 1982. **collector:** P. Hanelt, ZiGuK, Gatersleben J. Kruse, Botanical Institute, Tblisi. **collector id:** SN-289. **other id:** TRI 13613. **other id:** NSGC 400. **locality:** Mekvena, Tal des Rioni, Rayon Cchaltubo, Imeretien; 20 km south of Grenze, Rayon Cageri; experimental plot of college instructor; originally from Lecchuni. **elevation:** 600m. Landrace. Seed.
- PI 572912 **origin:** Georgia. **origin institute id:** H Tri 13615/87. **collected:** July 21, 1982. **collector:** P. Hanelt, ZiGuK, Gatersleben J. Kruse, Botanical Institute, Tblisi. **collector id:** SN-290. **other id:** TRI 13615. **other id:** NSGC 401. **locality:** Mekvena, Tal des Rioni, Rayon Cchaltubo, Imeretien; 20 km south of Grenze, Rayon Cageri; experimental plot of college instructor; originally from Lecchuni. **elevation:** 600m. Landrace. Seed.

PI 572908 to 572913-continued

PI 572913 **origin:** Georgia. **origin institute id:** H Tri 13614/89.
collected: July 21, 1982. **collector:** P. Hanelt, ZiGuK,
Gatersleben J. Kruse, Botanical Institute, Tblisi.
collector id: SN-291. **other id:** TRI 13614. **other id:**
NSGC 402. **locality:** Mekvena, Tal des Rioni, Rayon
Cchaltubo, Ineretien; 20 km south of Grenze, Rayon
Cageri; experimental plot of college instructor;
originally from Lecchuni. **elevation:** 600m. Landrace.
Seed.

PI 572914 to 572915. *Triticum spelta* L. POACEAE

Donated by: Dragavtsev, V., N.I. Vavilov Inst. of Plant Industry, 44
Herzen Street, St. Petersburg 190000, Russian Federation. Received
August 20, 1993.

PI 572914 **origin:** Turkmenistan. **collector:** N.I. Vavilov Institute
of Plant Industry, St. Petersburg. **collector id:** WIR
52470. **other id:** NSGC 320. Landrace. Seed.

PI 572915 **origin:** Tajikistan. **collector:** N.I. Vavilov Institute of
Plant Industry, St. Petersburg. **collector id:** WIR 52469.
other id: NSGC 321. Landrace. Seed.

PI 572916 to 572917. *Triticum timopheevii* (Zhuk.) Zhuk. POACEAE

Donated by: Hanelt, P., Zentralinstitut fur Genetik u. Kultur.,
Correnstrasse 3, D-O-4325, Gatersleben, Germany. Received August
20, 1993.

PI 572916 **origin:** Georgia. **origin institute id:** H Tri 13604/87.
collected: July 26, 1982. **collector:** P. Hanelt, ZiGuK,
Gatersleben J. Kruse, Botanical Institute, Tblisi.
collector id: SN-263. **other id:** TRI 13604. **other id:**
NSGC 397. **locality:** Cchuteli, east of Cageri, Rayon
Cageri, Lecchuai; college experimental field. **elevation:**
500m. Wild. Seed.

PI 572917 **origin:** Georgia. **origin institute id:** H Tri 13606/89.
collected: July 21, 1982. **collector:** P. Hanelt, ZiGuK,
Gatersleben J. Kruse, Botanical Institute, Tblisi.
collector id: SN-287. **other id:** TRI 13606. **other id:**
NSGC 399. **locality:** Mekvena, Tal des Rioni, Rayon
Cchaltubo, Imeretien; 20 km south of Grenze, Rayon
Cageri; experimental plot of college instructor;
originally from Lecchuni. **elevation:** 600m. Wild. Seed.

PI 572918 to 572923. *Triticum turgidum* L. POACEAE

Donated by: Dragavtsev, V., N.I. Vavilov Inst. of Plant Industry, 44 Herzen Street, St. Petersburg 190000, Russian Federation. Received August 20, 1993.

PI 572918 **origin:** China. **collector:** N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 28662. **other id:** NSGC 308. Landrace. Seed.

PI 572919 **origin:** China. **collector:** N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 42932. **other id:** NSGC 309. Landrace. Seed.

PI 572920 **origin:** Russian Federation. **cultivar:** CEMOSAR. **collector:** N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 18663. **other id:** NSGC 310. Cultivar. Seed.

PI 572921 **origin:** Azerbaijan. **collector:** N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 13488. **other id:** NSGC 311. Landrace. Seed.

PI 572922 **origin:** Azerbaijan. **collector:** N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 15717. **other id:** NSGC 312. Landrace. Seed.

PI 572923 **origin:** Afghanistan. **collector:** N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 12939. **other id:** NSGC 313. Landrace. Seed.

PI 572924 to 572953. X *Triticosecale* sp. POACEAE

Donated by: Dragavtsev, V., N.I. Vavilov Inst. of Plant Industry, 44 Herzen Street, St. Petersburg 190000, Russian Federation. Received August 20, 1993.

PI 572924 **origin:** Russian Federation. **cultivar:** AD-60. **collector:** N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 562. **other id:** NSGC 96. **remarks:** 2n=42. Cultivar. Seed.

PI 572925 **origin:** Russian Federation. **origin institute:** All-Union Breeding & Genetic Inst., Odessa Ukraine. **cultivar:** AD 206. **collector:** N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 163. **other id:** NSGC 97. **remarks:** 2n=42. Cultivar. Seed.

PI 572926 **origin:** Russian Federation. **cultivar:** AD-7. **collector:** N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 565. **other id:** NSGC 98. **remarks:** 2n=42. Cultivar. Seed.

PI 572924 to 572953-continued

- PI 572927 **origin:** Russian Federation. **cultivar:** AD-201.
collector: N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 162. **other id:** NSGC 99.
remarks: 2n=42. Cultivar. Seed.
- PI 572928 **origin:** Russian Federation. **cultivar:** AD-428.
collector: N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 26. **other id:** NSGC 100.
remarks: 2n=56. Cultivar. Seed.
- PI 572929 **origin:** Russian Federation. **cultivar:** AD-19. **collector:** N.I. Vavilov Institute of Plant Industry, St. Petersburg.
collector id: WIR 152. **other id:** NSGC 101. **remarks:** 2n=42. Cultivar. Seed.
- PI 572930 **origin:** Russian Federation. **cultivar:** AD-209.
collector: N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 559. **other id:** NSGC 102.
remarks: 2n=42. Cultivar. Seed.
- PI 572931 **origin:** Russian Federation. **cultivar:** AD-322.
collector: N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 135. **other id:** NSGC 103.
remarks: 2n=42. Cultivar. Seed.
- PI 572932 **origin:** Russian Federation. **cultivar:** AD DERZAVINA 240A.
collector: N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 113. **other id:** NSGC 104.
remarks: 2n=42. Cultivar. Seed.
- PI 572933 **origin:** Russian Federation. **cultivar:** AD ZELENYJ.
collector: N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 564. **other id:** NSGC 105.
remarks: 2n=42. Cultivar. Seed.
- PI 572934 **origin:** Russian Federation. **cultivar:** NAD-349.
collector: N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 23. **other id:** NSGC 106.
remarks: 2n=56. Cultivar. Seed.
- PI 572935 **origin:** Russian Federation. **cultivar:** NAD-120.
collector: N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 6. **other id:** NSGC 107.
remarks: 2n=56. Cultivar. Seed.
- PI 572936 **origin:** Russian Federation. **cultivar:** NAD-325.
collector: N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 136. **other id:** NSGC 109.
remarks: 2n=42. Cultivar. Seed.

PI 572924 to 572953-continued

- PI 572937 **origin:** Russian Federation. **cultivar:** NAD-430.
collector: N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 138. **other id:** NSGC 111.
remarks: 2n=42. Cultivar. Seed.
- PI 572938 **origin:** Russian Federation. **cultivar:** NAD-136.
collector: N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 133. **other id:** NSGC 112.
remarks: 2n=42. Cultivar. Seed.
- PI 572939 **origin:** Russian Federation. **cultivar:** NAD-762-7.
collector: N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 146. **other id:** NSGC 113.
remarks: 2n=42. Cultivar. Seed.
- PI 572940 **origin:** Russian Federation. **cultivar:** PRAG-113/1.
collector: N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 407. **other id:** NSGC 114.
remarks: 2n=42. Cultivar. Seed.
- PI 572941 **origin:** Russian Federation. **cultivar:** PRAG-109/2.
collector: N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 538. **other id:** NSGC 115.
remarks: 2n=42. Cultivar. Seed.
- PI 572942 **origin:** Russian Federation. **cultivar:** PRAG-55/1.
collector: N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 233. **other id:** NSGC 116.
remarks: 2n=42. Cultivar. Seed.
- PI 572943 **origin:** Russian Federation. **cultivar:** PRAG-46/6.
collector: N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 503. **other id:** NSGC 117.
remarks: 2n=42. Cultivar. Seed.
- PI 572944 **origin:** Russian Federation. **cultivar:** PRAG-119.
collector: N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 539-1. **other id:** NSGC 118. **remarks:** 2n=42. Cultivar. Seed.
- PI 572945 **origin:** Russian Federation. **cultivar:** PRAG-119.
collector: N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 539-2. **other id:** NSGC 119. **remarks:** 2n=42. Cultivar. Seed.
- PI 572946 **origin:** Russian Federation. **cultivar:** PRAG-45/1.
collector: N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 214. **other id:** NSGC 120.
remarks: 2n=42. Cultivar. Seed.

PI 572924 to 572953-continued

- PI 572947 **origin:** Russian Federation. **cultivar:** PRAO-5/7.
collector: N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 99. **other id:** NSGC 121.
remarks: 2n=56. Cultivar. Seed.
- PI 572948 **origin:** Russian Federation. **cultivar:** PRAO-5/2.
collector: N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 94. **other id:** NSGC 122.
remarks: 2n=56. Cultivar. Seed.
- PI 572949 **origin:** Russian Federation. **cultivar:** UZOR. **collector:** N.I. Vavilov Institute of Plant Industry, St. Petersburg.
collector id: WIR 545. **other id:** NSGC 123. **remarks:** 2n=42. Cultivar. Seed.
- PI 572950 **origin:** Russian Federation. **origin institute:** All-Union Breeding & Genetic Inst., Odessa Ukraine. **cultivar:** ODESSKIJ KORMOVOJ. **collector:** N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 341. **other id:** NSGC 124. **remarks:** 2n=42. Cultivar. Seed.
- PI 572951 **origin:** Russian Federation. **cultivar:** STAVROPOL'SKIJ I. **collector:** N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 604. **other id:** NSGC 125. **remarks:** 2n=42. Cultivar. Seed.
- PI 572952 **origin:** Russian Federation. **cultivar:** 25-AD-20. **collector:** N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 3. **other id:** NSGC 127. **remarks:** 2n=56. Cultivar. Seed.
- PI 572953 **origin:** Russian Federation. **cultivar:** OKTOPLOID DERZAVINA. **collector:** N.I. Vavilov Institute of Plant Industry, St. Petersburg. **collector id:** WIR 39. **other id:** NSGC 128. **remarks:** 2n=56. Cultivar. Seed.

PI 572954 to 572981. *Triticum aestivum* L., nom. cons. POACEAE Wheat

Donated by: Allan, R.E., USDA-ARS, WSU, Dept. of Crop & Soil Sci., Wheat Genet., Qual., Phys., & Dis. Res., 209 Johnson Hall, Pullman, Washington 99164-6420, United States. Received August 26, 1993.

- PI 572954 **origin:** United States. **developed:** R.E. Allan. **origin institute:** USDA-ARS/Washington Agric. Exp. Station, Pullman, Washington United States. **origin institute id:** REA91301. **pedigree:** Luke/4/Aegilops juvenalis/6*Chris//9*Selkirk(NDM1)/3/6*Luke. Bulk of 28 F4-derived F5 lines. **remarks:** Euplasmic (E) counterpart population to alloplasmic (A) population of Aegilops juvenalis cytoplasm with Luke (CI14586, soft white winter) nucleus. Phenotypically similar to Luke for most traits. Averaged over tests, E=A for heading date, plant height, lodging, grain yield, spike no., bioyield, harvest index. E>A for kernel wt. and in some tests for kernels/spike; A>E for test wt., grain hardness, % protein. Winter Annual. Genetic Material. Seed.
- PI 572955 **origin:** United States. **developed:** R.E. Allan. **origin institute:** USDA-ARS/Washington Agric. Exp. Station, Pullman, Washington United States. **origin institute id:** REA91302. **pedigree:** Aegilops juvenalis/6*Chris//9*Selkirk(NDM1)/3/7*Luke. Bulk of 28 F4-derived F5 lines. **remarks:** Alloplasmic (A) population. Aegilops juvenalis cytoplasm donor. Luke (CI14586, soft white winter) nucleus donor. Similar phenotypically to Luke for most traits. Overall tests equal to its euplasmic equivalent for heading date, plant height, lodging, grain yield, spike no., bioyield, harvest index. A>E for test weight, grain hardness, % protein; E>A for kernel wt. and in some tests for kernels/spike. Winter Annual. Genetic Material. Seed.
- PI 572956 **origin:** United States. **developed:** R.E. Allan. **origin institute:** USDA-ARS/Washington Agric. Exp. Station, Pullman, Washington United States. **origin institute id:** REA91303. **pedigree:** Luke/4/Aegilops cylindrica/Chris//10*Selkirk(NDM2)/3/6*Luke. Bulk of 29 F4-derived F5 lines. **remarks:** Euplasmic (E) equivalent population to alloplasmic (A) population of Aegilops cylindrica cytoplasm with Luke (CI14586, soft white winter) as nucleus donor. Similar phenotypically to Luke for most traits. Overall tests, A=E for heading date, plant height, lodging, grain yield, spike no., bioyield, kernel wt., harvest index, kernels/spike, grain hardness, protein content; E>A for test wt. Winter Annual. Genetic Material. Seed.

- PI 572957 **origin:** United States. **developed:** R.E. Allan. **origin institute:** USDA-ARS/Washington Agric. Exp. Station, Pullman, Washington United States. **origin institute id:** REA91304. **pedigree:** Aegilops cylindrica/Chris//10*Selkirk(NDM2)/3/7*Luke. Bulk of 29 F4-derived F5 lines. **remarks:** Alloplasmic (A) population. Aegilops cylindrica cytoplasm donor. Luke (CI14586, soft white winter) nucleus donor. Similar phenotypically to Luke for most traits. Overall tests equal to its euplasmic (E) equivalent for heading date, plant height, lodging, grain yield, spike no., bioyield, kernel wt., harvest index, kernels/spike, grain hardness, protein content; E>A for test wt. Winter Annual. Genetic Material. Seed.
- PI 572958 **origin:** United States. **developed:** R.E. Allan. **origin institute:** USDA-ARS/Washington Agric. Exp. Station, Pullman, Washington United States. **origin institute id:** REA91305. **pedigree:** Luke/4/Aegilops variabilis/9*Chris//13*Selkirk(NDM3)/3/6* Luke. Bulk of 25 F4-derived F5 lines. **remarks:** Euplasmic (E) equivalent population to alloplasmic (A) population of Aegilops variabilis cytoplasm with Luke (CI14586, soft white winter) as nucleus donor. Similar phenotypically to Luke for most traits. Overall tests, A=E for heading date, plant height, lodging, test wt., spike no., bioyield, kernel wt., harvest index, kernels/spike, grain hardness, protein content; E>A for grain yield. Winter Annual. Genetic Material. Seed.
- PI 572959 **origin:** United States. **developed:** R.E. Allan. **origin institute:** USDA-ARS/Washington Agric. Exp. Station, Pullman, Washington United States. **origin institute id:** REA91306. **pedigree:** Aegilops variabilis/9*Chris//13*Selkirk(NDM3)/3/7*Luke. Bulk of 25 F4-derived F5 lines. **remarks:** Alloplasmic (A) population. Aegilops variabilis cytoplasm donor. Luke (CI14586, soft white winter) nucleus donor. Similar phenotypically to Luke for most traits. Overall tests equal to its euplasmic (E) equivalent for heading date, plant height, lodging, test wt., spike no., bioyield, kernel wt., harvest index, kernels/spike, grain hardness, protein content; E>A for grain yield. Winter Annual. Genetic Material. Seed.

- PI 572960 **origin:** United States. **developed:** R.E. Allan. **origin institute:** USDA-ARS/Washington Agric. Exp. Station, Pullman, Washington United States. **origin institute id:** REA91307. **pedigree:** Luke/3/Aegilops squarrosa/19*Selkirk(NDM4)//6*Luke. Bulk of 29 F4-derived F5 lines. **remarks:** Euplasmic (E) equivalent population to alloplasmic (A) population of Aegilops squarrosa cytoplasm with Luke (CI14586, soft white winter) as nucleus donor. Similar phenotypically to Luke for most traits. Overall tests, A=E for heading date, plant height, lodging, grain yield, test wt., spike no., bioyield, kernel wt., harvest index, kernels/spike, grain hardness, protein content. Winter Annual. Genetic Material. Seed.
- PI 572961 **origin:** United States. **developed:** R.E. Allan. **origin institute:** USDA-ARS/Washington Agric. Exp. Station, Pullman, Washington United States. **origin institute id:** REA91308. **pedigree:** Aegilops squarrosa/19*Selkirk(NDM4)//7*Luke. Bulk of 29 F4-derived F5 lines. **remarks:** Alloplasmic (A) population. Aegilops squarrosa cytoplasm donor. Luke (CI14586, soft white winter) nucleus donor. Similar phenotypically to Luke for most traits. Overall tests equal to its euplasmic (E) equivalent for heading date, plant height, lodging, grain yield, test weight, spike no., bioyield, kernel wt., harvest index, kernels/spike, grain hardness, protein content. Winter Annual. Genetic Material. Seed.
- PI 572962 **origin:** United States. **developed:** R.E. Allan. **origin institute:** USDA-ARS/Washington Agric. Exp. Station, Pullman, Washington United States. **origin institute id:** REA91309. **pedigree:** Luke/4/Aegilops uniaristata/2*T. durum//10*Selkirk(NDM5)/3/6 *Luke. Bulk of 29 F4-derived F5 lines. **remarks:** Euplasmic (E) equivalent population to alloplasmic (A) population of Aegilops uniaristata cytoplasm with Luke (CI14586, soft white winter) as nucleus donor. Similar phenotypically to Luke for most traits. Overall tests, E=A all traits measured: heading date, plant height, lodging, grain yield, test wt., spike no., bioyield, kernel wt., harvest index, kernels/spike, grain hardness, protein content. Winter Annual. Genetic Material. Seed.

- PI 572963 **origin:** United States. **developed:** R.E. Allan. **origin institute:** USDA-ARS/Washington Agric. Exp. Station, Pullman, Washington United States. **origin institute id:** REA91310. **pedigree:** Aegilops uniaristata/2*T. durum//10*Selkirk(NDM5)/3/7*Luke. Bulk of 29 F4-derived F5 lines. **remarks:** Alloplasmic (A) population. Aegilops uniaristata cytoplasm donor. Luke (CI14586, soft white winter) nucleus donor. Similar phenotypically to Luke for most traits. Overall tests, equal to its euplasmic (E) equivalent for all traits measured: heading date, plant height, lodging, grain yield, test wt., spike no., bioyield, kernel wt., harvest index, kernels/spike, grain hardness, protein content. Winter Annual. Genetic Material. Seed.
- PI 572964 **origin:** United States. **developed:** R.E. Allan. **origin institute:** USDA-ARS/Washington Agric. Exp. Station, Pullman, Washington United States. **origin institute id:** REA91312. **pedigree:** Luke/4/Aegilops ventricosa/T. durum//13*Selkirk(NDM6)/3/6* Luke. Bulk of 30 F-4derived F5 lines. **remarks:** Euplasmic (E) equivalent population to alloplasmic (A) population of Aegilops ventricosa cytoplasm with Luke (CI14586, soft white winter) as nucleus donor. Similar phenotypically to Luke for most traits. Overall tests, E=A for heading date, lodging, grain yield, test wt., spike no., bioyield, kernel wt., harvest index, kernels/spike, grain hardness, protein content; A>E for plant height. Winter Annual. Genetic Material. Seed.
- PI 572965 **origin:** United States. **developed:** R.E. Allan. **origin institute:** USDA-ARS/Washington Agric. Exp. Station, Pullman, Washington United States. **origin institute id:** REA91313. **pedigree:** Aegilops ventricosa/T. durum//13*Selkirk(NDM6)/3/7*Luke. Bulk of 30 F4-derived F5 lines. **remarks:** Alloplasmic (A) population. Aegilops ventricosa cytoplasm donor. Luke (CI14586, soft white winter) nucleus donor. Similar phenotypically to Luke for most traits. Overall tests equal to its euplasmic (E) equivalent for heading date, lodging, grain yield, test wt., spike no., bioyield, kernel wt., harvest index, kernels/spike, grain hardness, protein content; A>E for plant height. Winter Annual. Genetic Material. Seed.

- PI 572966 **origin:** United States. **developed:** R.E. Allan. **origin institute:** USDA-ARS/Washington Agric. Exp. Station, Pullman, Washington United States. **origin institute id:** REA91314. **pedigree:** Luke/4/Haynaldia villosa/T.durum//9*Selkirk(NDM7)/3/6*Luke. Bulk of 25 F4-derived F5 lines. **remarks:** Euplasmic (E) equivalent population to alloplasmic (A) population of Haynaldia villosa cytoplasm with Luke (CI14586, soft white winter) as nucleus donor. Similar phenotypically to Luke for most traits. Overall tests, E=A for heading date, lodging, grain yield, test wt., spike no., bioyield, kernel wt., harvest index, kernels/spike, grain hardness, protein content; A<E for plant height. Winter Annual. Genetic Material. Seed.
- PI 572967 **origin:** United States. **developed:** R.E. Allan. **origin institute:** USDA-ARS/Washington Agric. Exp. Station, Pullman, Washington United States. **origin institute id:** REA91315. **pedigree:** Haynaldia villosa/T.durum//9*Selkirk(NDM7)/3/7*Luke. Bulk of 25 F4-derived F5 lines. **remarks:** Alloplasmic (A) population. Haynaldia villosa cytoplasm donor. Luke (CI14586, soft white winter) nucleus donor. Similar phenotypically to Luke for most traits. Overall tests, equal to its euplasmic (E) equivalent for heading date, lodging, grain yield, test wt., spike no., bioyield, kernel wt., harvest index, kernels/spike, grain hardness, protein content; A<E for plant height. Winter Annual. Genetic Material. Seed.
- PI 572968 **origin:** United States. **developed:** R.E. Allan. **origin institute:** USDA-ARS/Washington Agric. Exp. Station, Pullman, Washington United States. **origin institute id:** REA91316. **pedigree:** Luke/3/Triticum macha/17*Selkirk(NDM8)//6*Luke. Bulk of 30 F4-derived F5 lines. **remarks:** Euplasmic (E) equivalent population to alloplasmic (A) population of Triticum macha cytoplasm with Luke (CI14586, soft white winter) as nucleus donor. Similar phenotypically to Luke for most traits. Over all tests, E=A for heading date, grain yield, test wt., spike no., bioyield, kernel wt., harvest index, kernels/spike, protein content. A>E for plant height, lodging, kernel hardness. Winter Annual. Genetic Material. Seed.

PI 572954 to 572981-continued

- PI 572969 **origin:** United States. **developed:** R.E. Allan. **origin institute:** USDA-ARS/Washington Agric. Exp. Station, Pullman, Washington United States. **origin institute id:** REA91317. **pedigree:** Triticum macha/17*Selkirk(NDM8)//7*Luke. Bulk of 30 F4-derived F5 lines. **remarks:** Alloplasmic (A) population. Triticum macha cytoplasm donor. Luke (CI14586, soft white winter) nucleus donor. Similar phenotypically to Luke for most traits. Overall tests, equal to its euplasmic (E) equivalent for heading date, grain yield, test wt., spike no., bioyield, kernel wt., harvest index, kernels/spike, protein content. A>E for plant height, lodging, kernel hardness. Winter Annual. Genetic Material. Seed.
- PI 572970 **origin:** United States. **developed:** R.E. Allan. **origin institute:** USDA-ARS/Washington Agric. Exp. Station, Pullman, Washington United States. **origin institute id:** REA91318. **pedigree:** Luke/3/Triticum macha/9*Selkirk(NDM9)//6*Luke. Bulk of 30 F4-derived F5 lines. **remarks:** Euplasmic (E) equivalent population to alloplasmic (A) population of Triticum macha cytoplasm with Luke (CI14586, soft white winter) as nucleus donor. Similar phenotypically to Luke for most traits. Overall tests, A=EE for heading date, plant height, lodging, grain yield, test wt., spike no., bioyield, kernel wt., harvest index, kernels/spike, protein content. A>E for grain hardness. Winter Annual. Genetic Material. Seed.
- PI 572971 **origin:** United States. **developed:** R.E. Allan. **origin institute:** USDA-ARS/Washington Agric. Exp. Station, Pullman, Washington United States. **origin institute id:** REA91319. **pedigree:** Triticum macha/9*Selkirk(NDM9)//7*Luke. Bulk of 30 F4-derived F5 lines. **remarks:** Alloplasmic (A) population. Triticum macha cytoplasm donor. Luke (CI14586, soft white winter) as nucleus donor. Similar phenotypically to Luke for most traits. Overall tests, equal to its euplasmic (E) equivalent for heading date, plant height, lodging, grain yield, test wt., spike no., bioyield, kernel wt., harvest index, kernels/spike, protein content. A>E for grain hardness. Winter Annual. Genetic Material. Seed.

PI 572954 to 572981-continued

- PI 572972 **origin:** United States. **developed:** R.E. Allan. **origin institute:** USDA-ARS/Washington Agric. Exp. Station, Pullman, Washington United States. **origin institute id:** REA91320. **pedigree:** Luke/3/Triticum turgidum/9*Selkirk(NDM10)//6*Luke. Bulk of 30 F4-derived F5 lines. **remarks:** Euplasmic (E) equivalent population to alloplasmic (A) population of Triticum turgidum cytoplasm donor. Luke (CI14586, soft white winter) as nucleus donor. Similar phenotypically to Luke for most traits. Overall tests, A=E for heading date, lodging, grain yield, test wt., spike no., bioyield, kernel wt., harvest index, kernels/spike, grain hardness, protein content. A>E for plant height. Winter Annual. Genetic Material. Seed.
- PI 572973 **origin:** United States. **developed:** R.E. Allan. **origin institute:** USDA-ARS/Washington Agric. Exp. Station, Pullman, Washington United States. **origin institute id:** REA91321. **pedigree:** Triticum turgidum/9*Selkirk(NDM10)//7*Luke. Bulk of 30 F4-derived F5 lines. **remarks:** Alloplasmic (A) population. Triticum turgidum cytoplasm donor. Luke (CI14586, soft white winter) nucleus donor. Similar to Luke phenotypically for most traits. Overall tests equal to its euplasmic (E) equivalent for heading date, lodging, grain yield, test wt., spike no., bioyield, kernel wt., harvest index, kernels/spike, grain hardness, protein content. A>E for plant height. Winter Annual. Genetic Material. Seed.
- PI 572974 **origin:** United States. **developed:** R.E. Allan. **origin institute:** USDA-ARS/Washington Agric. Exp. Station, Pullman, Washington United States. **origin institute id:** REA91323. **pedigree:** Luke/3/Aegilops squarrosa/6*Nugaines//6*Luke. Bulk of 30 F4-derived F5 lines. **remarks:** Euplasmic (E) counterpart population to alloplasmic (A) population of Aegilops squarrosa cytoplasm having Luke (CI14586, soft white winter) nucleus. Phenotypically similar to Luke. Equal to alloplasmic counterpart for heading, plant height, lodging, kernel wt., harvest index. Euplasmic vs. alloplasmic differences detected in some environments. In some environs E>A for spike no., kernels/spike and bioyield; A>E for grain yield and test wt. Winter Annual. Genetic Material. Seed.

- PI 572975 **origin:** United States. **developed:** R.E. Allan. **origin institute:** USDA-ARS/Washington Agric. Exp. Station, Pullman, Washington United States. **origin institute id:** REA91322. **pedigree:** Aegilops squarrosa/6*Nugaines//7*Luke. Bulk of 30 F4-derived F5 lines. **remarks:** Alloplasmic population, Aegilops squarrosa cytoplasm donor. Luke (CI14586, soft white winter) nucleus donor. Similar phenotypically to Luke for most traits. Equal to euplasmic counterpart for heading, plant height, lodging, kernel wt., harvest index. Alloplasmic vs. euplasmic differences detected in some environments with positive effects on grain yield, test wt. and negative effects on spike no., kernels/spike, and bioyield. Winter Annual. Genetic Material. Seed.
- PI 572976 **origin:** United States. **developed:** R.E. Allan. **origin institute:** USDA-ARS/Washington Agric. Exp. Station, Pullman, Washington United States. **origin institute id:** REA91398. **pedigree:** Daws/3/Aegilops squarrosa/6*Nugaines//6*Daws. Bulk of 30 F4-derived F5 lines. **remarks:** Euplasmic (E) equivalent population to alloplasmic (A) population of Aegilops squarrosa cytoplasm having Daws (CI17419, soft white winter) nucleus. Phenotypically very similar to Daws. Equal to alloplasmic counterpart for lodging, grain yield, spike no., bioyield, harvest index, kernels/spike. Euplasmic vs. alloplasmic differences occurred in some environs, i.e. A>E for heading date and kernel wt. while E>A for test wt. and plant height. Winter Annual. Genetic Material. Seed.
- PI 572977 **origin:** United States. **developed:** R.E. Allan. **origin institute:** USDA-ARS/Washington Agric. Exp. Station, Pullman, Washington United States. **origin institute id:** REA91397. **pedigree:** Aegilops squarrosa/6*Nugaines//7*Daws. Bulk of 30 F4-derived F5 lines. **remarks:** Alloplasmic (A) population. Aegilops squarrosa cytoplasm donor. Daws (CI17419, soft white winter) nucleus donor. Similar phenotypically to Daws for most traits. Equal to its euplasmic (E) equivalent for lodging, grain yield, spike no., bioyield, harvest index, kernels/spike. Alloplasmic vs. euplasmic differences occurred in some environments, i.e. A>E for heading date and kernel wt. while E>A for test wt. and plant height. Winter Annual. Genetic Material. Seed.

- PI 572978 **origin:** United States. **developed:** R.E. Allan. **origin institute:** USDA-ARS/Washington Agric. Exp. Station, Pullman, Washington United States. **origin institute id:** REA91401. **pedigree:** Lewjain/3/Aegilops squarrosa/6*Nugaines//6*Lewjain. Bulk of 30 F4-derived F5 lines. **remarks:** Euplasmic (E) equivalent population to alloplasmic (A) population of Aegilops squarrosa cytoplasm having Lewjain (CI17909, soft white winter) nucleus. Phenotypically similar to Lewjain. Equal to alloplasmic counterpart for lodging, grain yield, bioyield, spike no., and kernels/spike. In some environments A>E for heading date, plant height, harvest index; E>A for test wt. and kernel wt. on occasion. Winter Annual. Genetic Material. Seed.
- PI 572979 **origin:** United States. **developed:** R.E. Allan. **origin institute:** USDA-ARS/Washington Agric. Exp. Station, Pullman, Washington United States. **origin institute id:** REA91400. **pedigree:** Aegilops squarrosa/6*Nugaines/7*Lewjain. Bulk of 30 F4-derived F5 lines. **remarks:** Alloplasmic (A) population. Aegilops squarrosa cytoplasm donor. Lewjain (CI17909, soft white winter) nucleus donor. Similar phenotypically to Lewjain for most traits. Equal to its euplasmic equivalent for lodging, grain yield, bioyield, spike no., kernels/spike. Alloplasmic vs. euplasmic differences occurred in some environments; i.e. A>E for heading date, plant height, harvest index; E>A for test wt. and kernel wt. Winter Annual. Genetic Material. Seed.
- PI 572980 **origin:** United States. **developed:** R.E. Allan. **origin institute:** USDA-ARS/Washington Agric. Exp. Station, Pullman, Washington United States. **origin institute id:** REA91404. **pedigree:** Wanser/3/Aegilops squarrosa/6*Nugaines//6*Wanser. Bulk of 12 F4-derived F5 lines. **remarks:** Euplasmic (E) equivalent population to alloplasmic (A) population of Aegilops squarrosa cytoplasm having Wanser (CI138444, hard red winter) nucleus. Phenotypically similar to Wanser. Equal to its alloplasmic equivalent for plant height, grain yield, test weight, bioyield, kernel weight. in some environs E>A for lodging, spike no., harvest index, kernels/spike; A>E for heading date. Winter Annual. Genetic Material. Seed.

PI 572981 **origin:** United States. **developed:** R.E. Allan. **origin institute:** USDA-ARS/Washington Agric. Exp. Station, Pullman, Washington United States. **origin institute id:** REA91403. **pedigree:** Aegilops squarrosa/6*Nugaines//7*Wanser. Bulk of 12 F4-derived F5 lines. **remarks:** Alloplasmic (A) population. Aegilops squarrosa cytoplasm donor. Wanser (CI138444, hard red winter) nucleus donor. Similar phenotypically to Wanser for most traits. Equal to its euplasmic (E) equivalent for plant height, grain yield, test weight, bioyield, kernel weight. In some environs E>A for lodging, spike no., harvest index, kernels/spike; A>E for heading date. Winter Annual. Genetic Material. Seed.

PI 572982 to 573001. *Triticum aestivum* L., nom. cons. POACEAE Wheat

Donated by: Allan, R.E., USDA-ARS, WSU, Dept. of Crop & Soil Sci., Wheat Genet., Qual., Phys., & Dis. Res., 209 Johnson Hall, Pullman, Washington 99164-6420, United States. Received August 26, 1993.

PI 572982 **origin:** United States. **developed:** R.E. Allan. **origin institute:** USDA-ARS/Washington Agric. Exp. Station, Pullman, Washington United States. **origin institute id:** REA91348. **pedigree:** Aegilops juvenalis/6*Chris//9*Selkirk(NDM1)/3/7*Nugaines. Bulk of 27 F4-derived F5 lines. **remarks:** Alloplasmic (A) population with Aegilops juvenalis as cytoplasmic donor. Nugaines (CI13968, soft white wheat) as the nucleus donor. Similar phenotypically to Nugaines for most traits. Equal to its euplasmic (E) equivalent for heading date, plant height, lodging, test wt., spike no., bioyield, harvest index, kernels/spike, grain hardness. A>E for protein content, kernel wt. E>A for grain yield. Winter Annual. Genetic Material. Seed.

PI 572983 **origin:** United States. **developed:** R.E. Allan. **origin institute:** USDA-ARS/Washington Agric. Exp. Station, Pullman, Washington United States. **origin institute id:** REA91347. **pedigree:** Nugaines/4/Aegilops juvenalis/6*Chris//9*Selkirk(NDM1)/3/6* Nugaines. Bulk of 27 F4-derived F5 lines. **remarks:** Euplasmic (E) equivalent of alloplasmic (A) population having Aegilops juvenalis cytoplasm and Nugaines (CI13968, soft white winter) as nucleus donor. Phenotypically similar to Nugaines for most traits. E=A for heading date, plant height, lodging, test wt., spike no., bioyield, harvest index, kernels/spike, grain hardness. A>E for protein content, kernel wt. E>A for grain yield. Winter Annual. Genetic Material. Seed.

- PI 572984 **origin:** United States. **developed:** R.E. Allan. **origin institute:** USDA-ARS/Washington Agric. Exp. Station, Pullman, Washington United States. **origin institute id:** REA91350. **pedigree:** Aegilops cylindrica/Chris//10*Selkirk(NDM2)/3/7*Nugaines. Bulk of 30 F4-derived F5 lines. **remarks:** Alloplasmic (A) population. Aegilops cylindrica cytoplasm donor. Nugaines (CI13968, soft white winter) as nucleus donor. Similar phenotypically to Nugaines for most traits. Equal to its euplasmic (E) equivalent for heading date, lodging, test wt., spike no., bioyield, kernel wt., harvest index, kernels/spike, grain hardness, protein content. E>A for plant height, grain yield. Winter Annual. Genetic Material. Seed.
- PI 572985 **origin:** United States. **developed:** R.E. Allan. **origin institute:** USDA-ARS/Washington Agric. Exp. Station, Pullman, Washington United States. **origin institute id:** REA91349. **pedigree:** Nugaines/4/Aegilops cylindrica/Chris//10*Selkirk(NDM2)/3/6* Nugaines. Bulk of 30 F4-derived F5 lines. **remarks:** Euplasmic (E) equivalent of alloplasmic (A) population having Aegilops cylindrica cytoplasm and Nugaines (CI13968, soft white winter) as nucleus donor. Phenotypically similar to Nugaines for most traits. E=A for heading date, lodging, test wt., spike no., bioyield, kernel wt., harvest index, kernels/spike, grain hardness, protein content. E>A for plant height, grain yield. Winter Annual. Genetic Material. Seed.
- PI 572986 **origin:** United States. **developed:** R.E. Allan. **origin institute:** USDA-ARS/Washington Agric. Exp. Station, Pullman, Washington United States. **origin institute id:** REA91352. **pedigree:** Aegilops variabilis/9*Chris//13*Selkirk(NDM3)/3/7*Nugaines. Bulk of 30 F4-derived F5 lines. **remarks:** Alloplasmic (A) population with Aegilops variabilis as cytoplasm donor. Nugaines (CI13968, soft white winter) the nucleus donor. Similar phenotypically to Nugaines for most traits. Equal to its euplasmic (E) equivalent for all traits including heading date, plant height, lodging, grain yield, test wt., spike no., bioyield, kernel wt., harvest index, kernels/spike, grain hardness, protein content. Winter Annual. Genetic Material. Seed.

- PI 572987 **origin:** United States. **developed:** R.E. Allan. **origin institute:** USDA-ARS/Washington Agric. Exp. Station, Pullman, Washington United States. **origin institute id:** REA91351. **pedigree:** Nugaines/4/Aegilops variabilis/9*Chris//13*Selkirk(NDM3)/3/6 *Nugaines. Bulk of 30 F4-derived F5 lines. **remarks:** Euplasmic (E) equivalent of alloplasmic (a) population having Aegilops variabilis cytoplasm and Nugaines (CI13968, soft white winter) as nucleus donor. Phenotypically similar to Nugaines for most traits. E=A for all traits studied including heading date, plant height, lodging, grain yield, test wt., spike no., bioyield, kernel wt., harvest index, kernels/spike, grain hardness, protein content. Winter Annual. Genetic Material. Seed.
- PI 572988 **origin:** United States. **developed:** R.E. Allan. **origin institute:** USDA-ARS/Washington Agric. Exp. Station, Pullman, Washington United States. **origin institute id:** REA91354. **pedigree:** Aegilops squarrosa/19*Selkirk(NDM4)//7*Nugaines. Bulk of 27 F4-derived F5 lines. **remarks:** Alloplasmic (A) population. Aegilops squarrosa cytoplasm donor. Nugaines (CI13968, soft white winter) nucleus donor. Similar phenotypically to Nugaines for most traits. Equal to its euplasmic (E) equivalent for heading date, plant height, lodging, grain yield, spike no., kernel wt., harvest index, bioyield, kernels/spike, grain hardness, and protein content. E>A for test wt. Winter Annual. Genetic Material. Seed.
- PI 572989 **origin:** United States. **developed:** R.E. Allan. **origin institute:** USDA-ARS/Washington Agric. Exp. Station, Pullman, Washington United States. **origin institute id:** REA91353. **pedigree:** Nugaines/3/Aegilops squarrosa/19*Selkirk(NDM4)//6* Nugaines. Bulk of 27 F4-derived F5 lines. **remarks:** Euplasmic (E) equivalent of alloplasmic (A) population having Aegilops squarrosa cytoplasm and Nugaines (CI13968, soft white winter) as nucleus donor. Phenotypically similar to Nugaines for most traits. E=A for heading date, plant height, lodging, grain yield, spike no., bioyield, kernel wt., harvest index, kernels/spike, grain hardness, and protein content. E>A for test wt. Winter Annual. Genetic Material. Seed.

- PI 572990 **origin:** United States. **developed:** R.E. Allan. **origin institute:** USDA-ARS/Washington Agric. Exp. Station, Pullman, Washington United States. **origin institute id:** REA91356. **pedigree:** Aegilops uniaristata/2*T. durum//10*Selkirk(NDM5)/3/7* Nugaines. Bulk of 29 F4-derived F5 lines. **remarks:** Alloplasmic (A) population with Aegilops uniaristata as cytoplasm donor. Nugaines (CI13968, soft white winter) nucleus donor. Similar phenotypically to Nugaines for most traits. Equal to its euplasmic (E) equivalent for heading date, lodging, test wt., spike no., bioyield, kernel wt., harvest index, kernels/spike, grain hardness, and protein content. E>A for plant height, grain yield. Winter Annual. Genetic Material. Seed.
- PI 572991 **origin:** United States. **developed:** R.E. Allan. **origin institute:** USDA-ARS/Washington Agric. Exp. Station, Pullman, Washington United States. **origin institute id:** REA91355. **pedigree:** Nugaines/4/Aegilops uniaristata/2*T. durum//10*Selkirk(NDM5) /3/6*Nugaines. Bulk of 29 F4-derived F5 lines. **remarks:** Euplasmic (E) equivalent of alloplasmic (A) population having Aegilops uniaristata cytoplasm and Nugaines (CI13968, soft white winter) as nucleus donor. Phenotypically similar to Nugaines for most traits. E=A for heading date, lodging, test wt., spike no., bioyield, kernel wt., harvest index, kernels/spike, grain hardness, protein content. E>A for plant height, grain yield. Winter Annual. Genetic Material. Seed.
- PI 572992 **origin:** United States. **developed:** R.E. Allan. **origin institute:** USDA-ARS/Washington Agric. Exp. Station, Pullman, Washington United States. **origin institute id:** REA91359. **pedigree:** Aegilops ventricosa/T. durum//13*Selkirk(NDM6)/3/7*Nugaines. Bulk of 30 F4-derived F5 lines. **remarks:** Alloplasmic (A) population with Aegilops ventricosa as cytoplasm donor. Nugaines (CI13968, soft white winter) as the nucleus donor. Similar phenotypically to Nugaines for most traits. Equal to its euplasmic (E) equivalent for plant height, lodging, grain yield, test wt., spike no., bioyield, kernels wt., harvest index, kernels/spike, grain hardness, protein content. A>E for heading index. Winter Annual. Genetic Material. Seed.

PI 572982 to 573001-continued

- PI 572993 **origin:** United States. **developed:** R.E. Allan. **origin institute:** USDA-ARS/Washington Agric. Exp. Station, Pullman, Washington United States. **origin institute id:** REA91358. **pedigree:** Nugaines/4/Aegilops ventricosa/T. durum//13*Selkirk(NDM6)/3/ 6*Nugaines. Bulk of 30 F4-derived F5 lines. **remarks:** Euplasmic (E) equivalent of alloplasmic (A) population having Aegilops ventricosa cytoplasm and Nugaines (CI13968, soft white winter) as nucleus donor. Phenotypically similar to Nugaines for most traits. E=A for plant height, lodging, grain yield, test wt., spike no., bioyield, kernel wt., harvest index, kernels/spike, grain hardness, protein content. A>E for heading date. Winter Annual. Genetic Material. Seed.
- PI 572994 **origin:** United States. **developed:** R.E. Allan. **origin institute:** USDA-ARS/Washington Agric. Exp. Station, Pullman, Washington United States. **origin institute id:** REA91361. **pedigree:** Haynaldia villosa/T. durum//9*Selkirk(NDM7)/3/7*Nugaines. Bulk of 30 F4-derived F5 lines. **remarks:** Alloplasmic (A) population with Haynaldia villosa as cytoplasm donor. Nugaines (CI13968, soft white winter) as the nucleus donor. Similar phenotypically to Nugaines for most traits. Equal to its euplasmic (E) equivalent for heading date, lodging, grain yield, test wt., spike no.; bioyield, kernel wt., harvest index, kernels/spike, grain hardness, and protein content. E>A for plant height. Winter Annual. Genetic Material. Seed.
- PI 572995 **origin:** United States. **developed:** R.E. Allan. **origin institute:** USDA-ARS/Washington Agric. Exp. Station, Pullman, Washington United States. **origin institute id:** REA91360. **pedigree:** Nugaines/4/Haynaldia villosa/T. durum//9*Selkirk(NDM7)/3/6* Nugaines. Bulk of 30 F4-derived F5 lines. **remarks:** Euplasmic (E) equivalent of alloplasmic (A) population having Haynaldia villosa cytoplasm and Nugaines (CI13968, soft white winter) as nucleus donor. Phenotypically similar to Nugaines for most traits. E=A for heading date, lodging, grain yield, test wt., spike no., bioyield, kernel wt., harvest index, kernels/spike, grain hardness, protein content. E>A for plant height. Winter Annual. Genetic Material. Seed.

PI 572982 to 573001-continued

- PI 572996 **origin:** United States. **developed:** R.E. Allan. **origin institute:** USDA-ARS/Washington Agric. Exp. Station, Pullman, Washington United States. **origin institute id:** REA91363. **pedigree:** Triticum macha/17*Selkirk(NDM8)//7*Nugaines. Bulk of 29 F4-derived F5 lines. **remarks:** Alloplasmic (A) population with Triticum macha as cytoplasm donor. Nugaines (CI13968, soft white winter) as the nucleus donor. Similar phenotypically to Nugaines for most traits. Equal to its euplasmic (E) equivalent for heading date, plant height, lodging, grain yield, test wt., spike no., bioyield, kernel wt., harvest index, kernels/spike, grain hardness, and protein content. Winter Annual. Genetic Material. Seed.
- PI 572997 **origin:** United States. **developed:** R.E. Allan. **origin institute:** USDA-ARS/Washington Agric. Exp. Station, Pullman, Washington United States. **origin institute id:** REA91362. **pedigree:** Nugaines/3/Triticum macha/17*Selkirk(NDM8)//6*Nugaines. Bulk of 29 F4-derived F5 lines. **remarks:** Euplasmic (E) equivalent of alloplasmic (A) population having Triticum macha cytoplasm and Nugaines (CI13968, soft white winter) as nucleus donor. Phenotypically similar to Nugaines for most traits. E=A for heading date, plant height height, lodging, grain yield, test wt., spike no., bioyield, kernel wt., harvest index, kernels/spike, grain hardness, protein content. Winter Annual. Genetic Material. Seed.
- PI 572998 **origin:** United States. **developed:** R.E. Allan. **origin institute:** USDA-ARS/Washington Agric. Exp. Station, Pullman, Washington United States. **origin institute id:** REA91365. **pedigree:** Triticum macha/9*Selkirk(NDM9)//7*Nugaines. Bulk of 30 F4-derived F5 lines. **remarks:** Alloplasmic (A) population with Triticum macha cytoplasm donor. Nugaines (CI13968, soft white winter) as the nucleus donor. Similar phenotypically to Nugaines for most traits. Equal to its euplasmic (E) equivalent for heading date, plant height, lodging, grain yield, spike no., kernels/spike, grain hardness, protein content. E>A for test wt., kernel wt., harvest index. A>E for bioyield. Winter Annual. Genetic Material. Seed.

PI 572982 to 573001-continued

PI 572999 **origin:** United States. **developed:** R.E. Allan. **origin institute:** USDA-ARS/Washington Agric. Exp. Station, Pullman, Washington United States. **origin institute id:** REA91364. **pedigree:** Nugaines/3/Triticum macha/9*Selkirk(NDM9)//6*Nugaines. Bulk of 30 F4-derived F5 lines. **remarks:** Euplasmic (E) equivalent of alloplasmic (A) population having Triticum macha as cytoplasmic donor and Nugaines (CI13968, soft white winter) as nucleus donor. Phenotypically similar to Nugaines for most traits. E=A for heading date, plant height, lodging, grain yield, spike no., kernels/spike, grain hardness, protein content. E>A for test wt., kernel wt., harvest index. A>E for bioyield. Winter Annual. Genetic Material. Seed.

PI 573000 **origin:** United States. **developed:** R.E. Allan. **origin institute:** USDA-ARS/Washington Agric. Exp. Station, Pullman, Washington United States. **origin institute id:** REA91367. **pedigree:** Triticum turgidum/9*Selkirk(NDM10)//7*Nugaines. Bulk of 30 F4-derived F5 lines. **remarks:** Alloplasmic (A) population with Triticum turgidum as cytoplasmic donor. Nugaines (CI13968, soft white winter) as the nucleus donor. Phenotypically similar to Nugaines for most traits. Equal to its euplasmic (E) equivalent for heading date, lodging, grain yield, test wt., spike no., bioyield, kernel wt., harvest index, kernels/spike, grain hardness, protein content. A>E for plant height. Winter Annual. Genetic Material. Seed.

PI 573001 **origin:** United States. **developed:** R.E. Allan. **origin institute:** USDA-ARS/Washington Agric. Exp. Station, Pullman, Washington United States. **origin institute id:** REA91366. **pedigree:** Nugaines/3/Triticum turgidum/9*Selkirk(NDM10)//6*Nugaines. Bulk of 30 F4-derived F5 lines. **remarks:** Euplasmic (E) equivalent of alloplasmic (A) population having Triticum turgidum as cytoplasmic donor and Nugaines (CI13968, soft white winter) as nucleus donor. Phenotypically similar to Nugaines for most traits. E=A for heading date, lodging, grain yield, test wt., spike no., bioyield, kernel wt., harvest index, kernels/spike, grain hardness, protein content. A>E for plant height. Winter Annual. Genetic Material. Seed.

PI 573002. *Triticum aestivum* L., nom. cons. POACEAE Wheat

Donated by: Shantz, K.C., Western Plant Breeders, Inc., 6720 W. Chicago St., #4, Chandler, Arizona 85226, United States. Received August 23, 1993.

origin: United States. **developed:** K.C. Shantz. **origin institute:** Western Plant Breeders, Inc., 6720 W. Chicago St., #4, Chandler, Arizona 85226 United States. **cultivar:** BAKER. **pedigree:** Selection from male sterile-facilitated recurrent selection population Hi Pro-80. **other id:** PVP 8800231. **source:** Certificate in force. **group:** PVPO. **patent:** PVPO. **remarks:** Adapted to the irrigated desert areas of Arizona and California where Yecora Rojo is presently grown. Quality is very similar to Yecora Rojo and can be used for the production of bakery bread flour. Cultivar. Seed.

PI 573003. *Triticum aestivum* L., nom. cons. POACEAE Wheat

Donated by: Shantz, K.C., Western Plant Breeders, Inc., 6720 W. Chicago St., #4, Chandler, Arizona 85226, United States. Received August 23, 1993.

origin: United States. **developed:** K.C. Shantz. **origin institute:** Western Plant Breeders, Inc., 6720 W. Chicago St., #4, Chandler, Arizona 85226 United States. **origin institute id:** DA984-034. **cultivar:** EXPRESS. **pedigree:** Veery/BH1146. **other id:** PVP 9000012. **source:** Pending. **group:** PVPO. **patent:** PVPO. **remarks:** Best adapted to the wheat area of California that currently grows Yolo or Anza. Quality substantially better than Yolo. Cultivar. Seed.

PI 573004. *Triticum durum* Desf. POACEAE Durum wheat

Donated by: Shantz, K.C., Western Plant Breeders, Inc., 6720 W. Chicago St., #4, Chandler, Arizona 85226, United States. Received August 23, 1993.

origin: United States. **developed:** K.C. Shantz. **origin institute:** Western Plant Breeders, Inc., 6720 W. Chicago St., #4, Chandler, Arizona 85226 United States. **cultivar:** WESTBRED TURBO. **pedigree:** Selection from a composite cross population consisting of CIMMYT and Italian durum lines. **other id:** PVP 8500217. **source:** Certificate in force. **group:** PVPO. **patent:** PVPO. **remarks:** Semi-dwarf durum adapted to the Desert Durum areas of California and Arizona. High yields with good semolina color and strong gluten make it satisfactory for domestic and export pasta production if grown under high fertility levels. Cultivar. Seed.

PI 573005. *Triticum durum* Desf. POACEAE Durum wheat

Donated by: Shantz, K.C., Western Plant Breeders, Inc., 6720 W. Chicago St., #4, Chandler, Arizona 85226, United States. Received August 23, 1993.

origin: United States. **developed:** K.C. Shantz. **origin institute:** Western Plant Breeders, Inc., 6720 W. Chicago St., #4, Chandler, Arizona 85226 United States. **cultivar:** IMPERIAL. **pedigree:** Selection from a composite cross population consisting of CIMMYT cultivars and an Italian cultivar. **other id:** PVP 8800232. **source:** Certificate in force. **group:** PVPO. **patent:** PVPO. **remarks:** Adapted to the Desert Durum areas of California and Arizona. Excellent semolina color and strong gluten with high protein concentration and yield make it satisfactory for domestic and export pasta production. Cultivar. Seed.

PI 573006. *Triticum durum* Desf. POACEAE Durum wheat

Donated by: Shantz, K.C., Western Plant Breeders, Inc., 6720 W. Chicago St., #4, Chandler, Arizona 85226, United States. Received August 23, 1993.

origin: United States. **developed:** K.C. Shantz. **origin institute:** Western Plant Breeders, Inc., 6720 W. Chicago St., #4, Chandler, Arizona 85226 United States. **origin institute id:** SDP-91-S-1-2. **cultivar:** SOUTHWEST DURUM MALE STERILE POPULATION. **pedigree:** Two DES-induced male sterile sources (non-allelic) in a population of durum wheat adapted to the southwest U.S. **remarks:** Contains two non-allelic sources of male sterility in durum wheat. Each male sterile gene is recessive and segregates in a 3 to 1 ratio. The population segregates in a 9 to 7 ratio. The male steriles were induced by treating durum wheat with DES. The population is adapted for the high yield irrigated conditions of the southwest deserts of the United States. Breeding Material. Seed.

PI 573007. *Arachis hypogaea* L. FABACEAE Peanut

Donated by: Dwivedi, S.L., ICRISAT, Genetic Resources Unit, Patancheru P.O., Andhra Pradesh 502 324, India. **remarks:** ICGV 86564 Peanut Germplasm. Received August 25, 1993.

PI 573007-continued

origin: India. **developed:** S.L. Dwivedi, S.N. Nigam, G.V.S. Nagabhushanam, Y.L.C. Rao, R.W. Gibbons. **origin institute:** ICRISAT, Genetic Resources Unit, Patancheru P.O., Andhra Pradesh 502 324 India. **cultivar:** ICGV 86564. **pedigree:** (Ah 114/NC Ac 1107) F2-B1-B1-B1-B1-B1-B1-B1. **other id:** GP-65. **group:** CSR-PEANUT. **restricted:** CSR. **remarks:** Decumbent 3 growth habit with alternate branching, elliptic dark green leaves, and light purple pigmented pegs. Pods large Virginia 2-1 seeded with slight to moderate pod beak and constriction. Average meat content 69%. Pod reticulation and ridges moderate. Seeds tan with average 100-seed mass of 91g. Average oil content 51%, protein content 22%, O/I ratio 1.9, P/S ratio 1.2, and iodine value 90. Spring Annual. Breeding Material. Seed.

PI 573008. *Glycine max* (L.) Merr. FABACEAE Soybean

Donated by: Graef, G.L., Nebraska Agr. Exp. Sta., University of Nebraska, Lincoln, Nebraska 68583-0915, United States. **remarks:** Colfax Soybean. Received September 09, 1993.

origin: United States. **developed:** G.L. Graef, J.E. Specht, L.L. Korte, D.M. White. **origin institute:** Nebraska Agr. Exp. Sta., University of Nebraska, Dept. of Agronomy, Lincoln, Nebraska 68583-0915 United States. **cultivar:** COLFAX. **pedigree:** F4 plant selected from SG1E1 intermated population. **other id:** CV-319. **group:** CSR-SOYBEAN. **restricted:** CSR. **remarks:** Determinate Maturity Group II. Flowers white. Pubescence gray. Pods tan. Seed yellow with intermediate luster and buff hila. Seed composition averages 40% protein and 21% oil on a 0% moisture basis. Heterogeneous for resistance to races 1, 4 and 7 of *Phytophthora* rot (*Phytophthora sojae*). Resistant to soybean mosaic virus. Plant height average 71cm. Seed size 186mg seed-1. Lodging resistance excellent. Spring Annual. Cultivar. Seed.

PI 573009. *Trifolium pratense* L. FABACEAE Red clover

Donated by: Smith, R.R., Agricultural Research Service -- USDA, U.S. Dairy Forage Research Center, Madison, Wisconsin 53706, United States; and Wisconsin Agr. Exp. Sta.. **remarks:** Marathon Red Clover. Received September 09, 1993.

origin: United States. **developed:** R.R. Smith. **origin institute:** Agricultural Research Service -- USDA, U.S. Dairy Forage Research Center, 1925 Linden Drive West, Madison, Wisconsin 53706 United States. **cultivar:** MARATHON. **pedigree:** A synthetic (Syn 5) developed by using phenotypic selection. 45 plants sel. after 3 yrs. exposure to wet, acid (ph 5.7) soils. 5 plants from each of the 45 polycross families were sel. for resistance to *Kabatiella caulivora* and intercrossed. **other id:** WHC29. **other id:** CV-25. **group:** CSR-CLOVER, RED. **restricted:** CSR. **remarks:** Double cut red clover for forage production in the northern United States. Winterhardy, persistent, and high yielding. Resistant to *Kabatiella caulivora*. Tolerance to *Erysiphe polygoni*, to the clover root borer (*Hylastinus obscurus*), and to wet, acid soils. Perennial. Cultivar. Seed.

PI 573010 to 573029. *Arachis hypogaea* L. FABACEAE Peanut

Donated by: Nigam, S.N., ICRISAT, Patancheru P.O., Andhra Pradesh 502 324, India. Received September 13, 1993.

- PI 573010 **origin:** India. **source history:** Originally from South Africa. **cultivar:** ICG 459. **remarks:** Growth habit Spanish bunch. Oil content 31-36%. One season evaluation. Spring Annual. Breeding Material. Seed.
- PI 573011 **origin:** India. **cultivar:** ICG 797. **other id:** Punjab 649. **remarks:** Growth habit Virginia runner. Oil content 31-36%. One season evaluation. Spring Annual. Breeding Material. Seed.
- PI 573012 **origin:** India. **source history:** Origin unknown. **cultivar:** ICG 820. **other id:** C 18. **remarks:** Growth habit Virginia runner. Oil content 50-55%. One season evaluation. Spring Annual. Breeding Material. Seed.
- PI 573013 **origin:** India. **cultivar:** ICG 1171. **other id:** Ah 59-2. **remarks:** Growth habit Spanish bunch. Oil content 44% (average). Twelve seasons' evaluation. Spring Annual. Breeding Material. Seed.
- PI 573014 **origin:** India. **source history:** Originally from Bolivia. **cultivar:** ICG 2378. **remarks:** Growth habit Spanish bunch. Oil content 50-55%. One season evaluation. Spring Annual. Breeding Material. Seed.
- PI 573015 **origin:** India. **cultivar:** ICG 2411. **other id:** VRH 4. **remarks:** Growth habit Spanish bunch. Oil content 50-55%. One season evaluation. Spring Annual. Breeding Material. Seed.

PI 573010 to 573029-continued

- PI 573016 **origin:** India. **source history:** Originally from Zaire. **cultivar:** ICG 3245. **other id:** U4-4-32. **remarks:** Growth habit Spanish bunch. Oil content 50-55%. One season evaluation. Spring Annual. Breeding Material. Seed.
- PI 573017 **origin:** India. **source history:** Originally from Brazil. **cultivar:** ICG 3670. **other id:** Tauu 386. **remarks:** Growth habit Valencia. Oil content 50-55%. One season evaluation. Spring Annual. Breeding Material. Seed.
- PI 573018 **origin:** India. **source history:** Originally from Taiwan. **cultivar:** ICG 5240. **other id:** Penghu 2. **other id:** EC 36892. **remarks:** Growth habit Virginia runner. Oil content 31-36%. One season evaluation. Spring Annual. Breeding Material. Seed.
- PI 573019 **origin:** India. **cultivar:** ICG 5369. **other id:** No. 578-12. **remarks:** Growth habit Virginia runner. Oil content 31-36%. One season evaluation. Spring Annual. Breeding Material. Seed.
- PI 573020 **origin:** India. **source history:** Originally from Argentina. **cultivar:** ICG 5502. **other id:** Ah 7763. **remarks:** Growth habit Valencia. Oil content 31-36%. One season evaluation. Spring Annual. Breeding Material. Seed.
- PI 573021 **origin:** India. **source history:** Originally from Brazil. **cultivar:** ICG 7332. **other id:** Cavalo. **remarks:** Growth habit Virginia bunch. Oil content 31-36%. One season evaluation. Spring Annual. Breeding Material. Seed.
- PI 573022 **origin:** India. **source history:** Originally from U.S.. **cultivar:** ICG 7434. **other id:** NC Ac 17902. **remarks:** Growth habit Virginia bunch. Oil content 31-36%. One season evaluation. Spring Annual. Breeding Material. Seed.
- PI 573023 **origin:** India. **source history:** Originally from Nigeria. **cultivar:** ICG 7625. **other id:** M1069-74K. **remarks:** Growth habit Virginia runner. Oil content 50% (average). Twelve seasons' evaluation. Spring Annual. Breeding Material. Seed.
- PI 573024 **origin:** India. **source history:** Originally from Nigeria. **cultivar:** ICG 7637. **other id:** M107-74K. **remarks:** Growth habit Virginia bunch. Oil content 50-55%. One season evaluation. Spring Annual. Breeding Material. Seed.

PI 573010 to 573029-continued

- PI 573025 **origin:** India. **cultivar:** ICGV 87860. **pedigree:** CS 11/ICGS 4. **remarks:** Growth habit Virginia bunch. Oil content 51% (average). Five seasons' evaluation. Spring Annual. Breeding Material. Seed.
- PI 573026 **origin:** India. **cultivar:** ICGV 90085. **pedigree:** Robut 33-1/CS 9. **remarks:** Growth habit Virginia bunch. Oil content 50% (average). Four seasons' evaluation. Spring Annual. Breeding Material. Seed.
- PI 573027 **origin:** India. **cultivar:** ICGV 90090. **pedigree:** CS 39/CS 13. **remarks:** Growth habit Virginia bunch. Oil content 50% (average). Four seasons' evaluation. Spring Annual. Breeding Material. Seed.
- PI 573028 **origin:** India. **cultivar:** ICGV 90091. **pedigree:** CS 30/Chico. **remarks:** Growth habit Virginia bunch. Oil content 51% (average). Three seasons' evaluation. Spring Annual. Breeding Material. Seed.
- PI 573029 **origin:** India. **cultivar:** ICGV 91236. **pedigree:** NC Ac 343/ICGV 86699. **remarks:** Growth habit Virginia bunch. Oil content 50% (average). Four seasons' evaluation. Spring Annual. Breeding Material. Seed.

PI 573030. Brassica napus L. BRASSICACEAE Rapeseed

Donated by: Ameri-Can Pedigreed Seed Company, United States.
Received September 14, 1993.

origin: United States. **origin institute:** Ameri-Can Pedigreed Seed Company United States. **cultivar:** JETTON. **other id:** PVP 9300285. **source:** Pending. **group:** PVPO. **patent:** PVPO. Cultivar. Seed.

PI 573031. Glycine max (L.) Merr. FABACEAE Soybean

Donated by: Asgrow Seed Company, United States. Received September 14, 1993.

origin: United States. **origin institute:** Asgrow Seed Company United States. **cultivar:** A4045. **other id:** PVP 9300286. **source:** Pending. **group:** PVPO. **patent:** PVPO. Cultivar. Seed.

PI 573032. Lactuca sativa L. ASTERACEAE Lettuce

Donated by: Koninklijke Zaaizaadbedrijven Gebr., Sluis B.V., Netherlands. Received September 14, 1993.

PI 573032-continued

origin: Netherlands. **origin institute:** Koninklijke Zaaizaadbedrijven Gebr., Sluis B.V. Netherlands.
cultivar: RS 0156. **other id:** PVP 9300287. **source:** Pending. **group:** PVPO. **patent:** PVPO. Cultivar. Seed.

PI 573033. *Zoysia japonica* Steudel POACEAE *Zoysia*

Donated by: Jacklin Seed Company, United States. Received September 14, 1993.

origin: United States. **origin institute:** Jacklin Seed Company United States. **cultivar:** J-36. **other id:** PVP 9300288. **source:** Pending. **group:** PVPO. **patent:** PVPO. Cultivar. Seed.

PI 573034. *Triticum aestivum* L., nom. cons. POACEAE Soft red winter wheat

Donated by: Northrup King Company, United States. Received September 14, 1993.

origin: United States. **origin institute:** Northrup King Company United States. **cultivar:** COKER 9134. **other id:** PVP 9300289. **source:** Pending. **group:** PVPO. **patent:** PVPO. Cultivar. Seed.

PI 573035. *Triticum aestivum* L., nom. cons. POACEAE Wheat

Donated by: AgriPro Biosciences Inc., United States. Received September 14, 1993.

origin: United States. **origin institute:** AgriPro Biosciences, Inc. United States. **origin institute id:** W87-017-44. **cultivar:** PONDEROSA. **pedigree:** WI 88-133/Thunderbird. **other id:** PVP 9300290. **source:** Pending. **group:** PVPO. **patent:** PVPO. **remarks:** Ponderosa is a high yielding, strong-strawed, medium short semidwarf with midseason maturity. It is moderately resistant to SBMV and the prevalent races of leaf and stem rust. Ponderosa has very good milling and baking properties It is well adapted to the Great Plains including the states of Oklahoma, Kansas, northern Texas, eastern Colorado, and the southern portion of Nebraska. Cultivar. Seed.

PI 573036. *Triticum aestivum* L., nom. cons. POACEAE Wheat

Donated by: AgriPro Biosciences Inc., United States. Received September 14, 1993.

origin: United States. **origin institute:** AgriPro Biosciences, Inc. United States. **origin institute id:** ABI 88D-1903. **cultivar:** HICKORY. **pedigree:** Hunter/Caldwell. **other id:** PVP 9300291. **source:** Pending. **group:** PVPO. **patent:** PVPO. **remarks:** Hickory is a high yielding, strong-strawed, medium tall wheat with midseason maturity. It is moderately resistant to stem rust, leaf rust, and powdery mildew. Milling and baking properties are good. Hickory is well adapted to the soft wheat region north of Interstate 64 and from Kansas to the east coast. Cultivar. Seed.

PI 573037. *Triticum aestivum* L., nom. cons. POACEAE Hard red winter wheat

Donated by: AgriPro Biosciences Inc., United States. Received September 14, 1993.

origin: United States. **origin institute:** AgriPro Biosciences, Inc. United States. **origin institute id:** WI89-055. **cultivar:** OGALLALA. **pedigree:** TX81V6187/Abilene. **other id:** PVP 9300292. **source:** Pending. **group:** PVPO. **patent:** PVPO. **remarks:** Ogallala is a high yielding, strong-strawed, medium short semidwarf with midseason maturity. It is moderately resistant to the prevalent races of stem rust and WSMV, resistant to the prevalent field races of leaf rust, and moderately susceptible to powdery mildew. Milling and baking properties are acceptable. Ogallala is well adapted to the Great Plains, including the states of Nebraska, Oklahoma, Colorado, Texas, and western Kansas. Cultivar. Seed.

PI 573038. *Triticum aestivum* L., nom. cons. POACEAE Wheat

Donated by: AgriPro Biosciences Inc., United States. Received September 14, 1993.

PI 573038-continued

origin: United States. **origin institute:** AgriPro Biosciences, Inc. United States. **origin institute id:** ABI 88-3143. **cultivar:** PONTIAC. **pedigree:** Magnum/Auburn. **other id:** PVP 9300293. **source:** Pending. **group:** PVPO. **patent:** PVPO. **remarks:** Pontiac is a high yielding, strong-strawed, medium height semidwarf with midseason maturity. It is resistant to stem rust and moderately resistant to Septoria, SBMV, powdery mildew and Rhizoctonia. Milling and baking properties are good. Pontiac is well adapted to the soft wheat region north of Interstate 64 and from Kansas to the east coast. **Cultivar.** Seed.

PI 573039. *Festuca rubra* L. subsp. *rubra* POACEAE Red fescue

Donated by: Barenbrug Holland B.V., Netherlands. Received September 14, 1993.

origin: Netherlands. **origin institute:** Barenbrug Holland B.V. Netherlands. **cultivar:** BARGENA II. **other id:** PVP 9300296. **source:** Pending. **group:** PVPO. **patent:** PVPO. **Cultivar.** Seed.

PI 573040. *Festuca arundinacea* Schreber POACEAE Tall fescue

Donated by: Greenseed, United States. Received September 14, 1993.

origin: United States. **origin institute:** Greenseed United States. **cultivar:** ASTRO 2000. **other id:** PVP 9300297. **source:** Pending. **group:** PVPO. **patent:** PVPO. **Cultivar.** Seed.

PI 573041. *Allium cepa* L. LILIACEAE Bulb onion

Donated by: New Mexico Agr. Exp. Sta., New Mexico State University, New Mexico, United States. Received September 14, 1993.

origin: United States. **origin institute:** New Mexico Agr. Exp. Sta., New Mexico State University, New Mexico United States. **cultivar:** NUMEX CASPER. **other id:** PVP 9300298. **source:** Pending. **group:** PVPO. **patent:** PVPO. **Cultivar.** Seed.

PI 573042. *Lolium perenne* L. POACEAE Perennial ryegrass

Donated by: Pickseed West, Inc., United States. Received September 14, 1993.

PI 573042-continued

origin: United States. **origin institute:** Pickseed West, Inc. United States. **cultivar:** MORNINGSTAR. **other id:** PVP 9300299. **source:** Pending. **group:** PVPO. **patent:** PVPO. **Cultivar.** **Seed.**

PI 573043 to 573047. *Glycine canescens* F. J. Herm. FABACEAE

Donated by: Brown, A.D.H., C.S.I.R.O., Division of Plant Industry, G.P.O. Box 1600, Canberra, Austr. Capital Terr. 2601, Australia. Received September 15, 1993.

PI 573043 **origin:** Australia. **collected:** October 30, 1985. **collector:** Grace, Brown, Grant. **other id:** IL 0951. **other id:** G-2353. **other id:** IL 951. **locality:** Thuralga Station, 10.6km north of Homestead toward Yardea, South Australia. **latitude:** 32 deg. 21 min. S. **longitude:** 135 deg. 45 min. E. **elevation:** 180m. **Wild.** **Seed.**

PI 573044 **origin:** Australia. **collected:** July 08, 1970. **collector:** P.K. Latz. **other id:** IL 1240. **other id:** G-1245. **locality:** Ulgarna Creek, 6.4km east of Harts Range Police Station, Northern Territory. **latitude:** 23 deg. 00 min. S. **longitude:** 134 deg. 57 min. E. **elevation:** 550m. **Wild.** **Seed.**

PI 573045 **origin:** Australia. **collected:** September 05, 1982. **collector:** L. Craven. **other id:** IL 1241. **other id:** G-1481. **locality:** 63km north of Agnew on Wiluna Road, Western Australia. **latitude:** 27 deg. 25 min. S. **longitude:** 120 deg. 32 min. E. **elevation:** 540m. **Wild.** **Seed.**

PI 573046 **origin:** Australia. **collected:** September 09, 1981. **collector:** A. Slee. **other id:** IL 1242. **other id:** G-1999. **locality:** Yathong Nature Reserve, lower slopes of Merrimemwa Range, New South Wales. **latitude:** 32 deg. 44 min. S. **longitude:** 145 deg. 34 min. E. **elevation:** 220m. **Wild.** **Seed.**

PI 573047 **origin:** Australia. **collected:** May 20, 1987. **collector:** J. Grace, L. Craven. **other id:** IL 1244. **other id:** G-2528. **locality:** Battle Creek, 98km northeast of Camooweal to Gregory Downs, Queensland. **latitude:** 19 deg. 32 min. S. **longitude:** 138 deg. 52 min. E. **elevation:** 240m. **Wild.** **Seed.**

PI 573048. *Glycine canescens* F. J. Herm. FABACEAE

Donated by: Prendergast, Hew D.V., Royal Botanic Gardens, Kew, Wakehurst Place, Ardingly, Haywards Heath, West Sussex, England RH17 6TN, United Kingdom. Received September 15, 1993.

origin: Australia. **collected:** April 01, 1990.
collector: Hew D.V. Prendergast. **other id:** IL 1249.
locality: Around Quilpie, Queensland. Wild. Seed.

PI 573049 to 573053. *Glycine clandestina* Wendl. FABACEAE

Donated by: Brown, A.D.H., C.S.I.R.O., Division of Plant Industry, G.P.O. Box 1600, Canberra, Austr. Capital Terr. 2601, Australia. Received September 15, 1993.

PI 573049 **origin:** Australia. **collected:** August 15, 1985.
collector: Grace, Brown, Doyle, Kenworthy. **other id:** IL 0966. **other id:** G-2153. **other id:** IL 966. **locality:** Alpha Airport, 7km west of Alpha, Queensland. **latitude:** 23 deg. 39 min. S. **longitude:** 146 deg. 35 min. E. **elevation:** 380m. Wild. Seed.

PI 573050 **origin:** Australia. **collected:** August 23, 1985.
collector: Grace, Brown. **other id:** IL 0987. **other id:** G-2174. **other id:** IL 987. **locality:** Cedar Creek National Park, 7km southeast of Tamborine, Queensland. **latitude:** 27 deg. 50 min. S. **longitude:** 153 deg. 10 min. E. **elevation:** 450m. Wild. Seed.

PI 573051 **origin:** Australia. **collected:** October 25, 1985.
collector: Grace, Brown, Grant. **other id:** IL 0992. **other id:** G-2359. **other id:** IL 992. **locality:** Pichi Richi Railway, 10km southwest of Quorn, on north side of rail line, South Australia. **latitude:** 32 deg. 26 min. S. **longitude:** 137 deg. 39 min. E. **elevation:** 380m. Wild. Seed.

PI 573052 **origin:** Australia. **collected:** October 25, 1985.
collector: Grace, Brown, Grant. **other id:** IL 0993. **other id:** G-2360. **other id:** IL 993. **locality:** Warren Gorge, 20.6km north of Quorn, South Australia. **latitude:** 32 deg. 11 min. S. **longitude:** 138 deg. 00 min. E. **elevation:** 350m. Wild. Seed.

PI 573053 **origin:** Australia. **collected:** October 28, 1985.
collector: Grace, Brown, Grant. **other id:** IL 1013. **other id:** G-2380. **locality:** Arkaroo Rock painting, 16km south of Wilpena Headquarters, South Australia. **latitude:** 31 deg. 36 min. S. **longitude:** 138 deg. 38 min. E. **elevation:** 600m. Wild. Seed.

PI 573054. *Glycine clandestina* Wendl. FABACEAE

Donated by: Irwin, M.E., University of Illinois, Center for Econ. Ent., Nat. Hist. Survey, 607 Peabody, 163 Natural Resources Bldg., Champaign, Illinois 61820, United States. Received September 15, 1993.

origin: Australia. **collected:** January 01, 1992.
collector: Michael E. Irwin. **other id:** IL 1245.
locality: Indigenous plant garden, Botanic Garden, Hobart, Tasmania. Probably collected at Coles Bay, Tasmania, growing on coastal heathland: sand/peat over granite. Cultivated. Seed.

PI 573055. *Glycine latifolia* (Benth.) C. Newell & Hymowitz FABACEAE

Donated by: Brown, A.D.H., C.S.I.R.O., Division of Plant Industry, G.P.O. Box 1600, Canberra, Austr. Capital Terr. 2601, Australia. Received September 15, 1993.

origin: Australia. **collected:** August 13, 1985.
collector: Grace, Brown, Doyle, Kenworthy. **other id:** IL 1052. **other id:** G-2119. **locality:** Kammel Creek, 40km north of Springsure, Queensland. **latitude:** 23 deg. 45 min. S. **longitude:** 148 deg. 08 min. E. **elevation:** 220m. Wild. Seed.

PI 573056 to 573079. *Glycine tomentella* Hayata FABACEAE

Donated by: Brown, A.D.H., C.S.I.R.O., Division of Plant Industry, G.P.O. Box 1600, Canberra, Austr. Capital Terr. 2601, Australia. Received September 15, 1993.

PI 573056 **origin:** Australia. **collected:** August 12, 1985.
collector: Grace, Brown, Doyle, Kenworthy. **other id:** IL 1201. **other id:** G-2314. **locality:** Sandy Creek, 40km west southwest of Rolleston, Queensland. **latitude:** 24 deg. 38 min. S. **longitude:** 148 deg. 20 min. E. **elevation:** 213m. Wild. Seed.

PI 573057 **origin:** Australia. **collected:** August 12, 1985.
collector: Grace, Brown, Doyle, Kenworthy. **other id:** IL 1202. **other id:** G-2315. **locality:** Mount Ingles, 46km west southwest of Rolleston, Queensland. **latitude:** 24 deg. 40 min. S. **longitude:** 148 deg. 18 min. E. **elevation:** 280m. Wild. Seed.

PI 573056 to 573079-continued

- PI 573058 **origin:** Australia. **collected:** August 12, 1985.
collector: Grace, Brown, Doyle, Kenworthy. **other id:** IL 1204. **other id:** G-2317. **locality:** Mount Ingles, 43km west southwest of Rolleston, Queensland. **latitude:** 24 deg. 39 min. S. **longitude:** 148 deg. 19 min. E. **elevation:** 280m. Wild. Seed.
- PI 573059 **origin:** Australia. **collected:** August 13, 1985.
collector: Grace, Brown, Doyle, Kenworthy. **other id:** IL 1205. **other id:** G-2318. **locality:** Mount Sirius, 48.8km northwest of Rolleston, Queensland. **latitude:** 24 deg. 13 min. S. **longitude:** 148 deg. 14 min. E. **elevation:** 350m. Wild. Seed.
- PI 573060 **origin:** Australia. **collected:** August 13, 1985.
collector: Grace, Brown, Doyle, Kenworthy. **other id:** IL 1206. **other id:** G-2319. **locality:** Emerald Airport, 7km south of Emerald, Queensland. **latitude:** 23 deg. 34 min. S. **longitude:** 148 deg. 10 min. E. **elevation:** 190m. Wild. Seed.
- PI 573061 **origin:** Australia. **collected:** August 15, 1985.
collector: Grace, Brown, Doyle, Kenworthy. **other id:** IL 1209. **other id:** G-2322. **locality:** Native Companion Creek, 7km east of Alpha, Queensland. **latitude:** 23 deg. 39 min. S. **longitude:** 146 deg. 42 min. E. **elevation:** 350m. Wild. Seed.
- PI 573062 **origin:** Australia. **collected:** August 15, 1985.
collector: Grace, Brown, Doyle, Kenworthy. **other id:** IL 1211. **other id:** G-2324. **locality:** On west side of Jordan River, Jericho, near town water supply, Queensland. **latitude:** 23 deg. 36 min. S. **longitude:** 146 deg. 08 min. E. **elevation:** 340m. Wild. Seed.
- PI 573063 **origin:** Australia. **collected:** August 15, 1985.
collector: Grace, Brown, Doyle, Kenworthy. **other id:** IL 1212. **other id:** G-2325. **locality:** Boundary Creek, 41.1km southwest of Jericho, near three way turn, Queensland. **latitude:** 23 deg. 52 min. S. **longitude:** 145 deg. 51 min. E. **elevation:** 350m. Wild. Seed.
- PI 573064 **origin:** Australia. **collected:** August 15, 1985.
collector: Grace, Brown, Doyle, Kenworthy. **other id:** IL 1215. **other id:** G-2328. **locality:** Patrick Creek, 20.5km south of Barcaldine, Queensland. **latitude:** 23 deg. 44 min. S. **longitude:** 145 deg. 16 min. E. **elevation:** 280m. Wild. Seed.

PI 573056 to 573079-continued

- PI 573065 **origin:** Australia. **collected:** August 17, 1985.
collector: Grace, Brown, Doyle, Kenworthy. **other id:** IL 1217. **other id:** G-2330. **locality:** Warrego River, Augathella, Queensland. **latitude:** 25 deg. 48 min. S. **longitude:** 146 deg. 35 min. E. **elevation:** 360m. Wild. Seed.
- PI 573066 **origin:** Australia. **collected:** August 20, 1985.
collector: Grace, Brown, Doyle, Kenworthy. **other id:** IL 1218. **other id:** G-2331. **locality:** Tanduringie Creek, 2.4km north of Maidenwell, Queensland. **latitude:** 26 deg. 50 min. S. **longitude:** 151 deg. 48 min. E. **elevation:** 500m. Wild. Seed.
- PI 573067 **origin:** Australia. **collected:** August 21, 1985.
collector: Grace, Brown, Doyle, Kenworthy. **other id:** IL 1219. **other id:** G-2332. **locality:** Widgee Creek, 29.1km east of Kilkivan, Queensland. **latitude:** 26 deg. 06 min. S. **longitude:** 152 deg. 32 min. E. **elevation:** 80m. Wild. Seed.
- PI 573068 **origin:** Australia. **collected:** August 22, 1985.
collector: Grace, Brown, Doyle, Kenworthy. **other id:** IL 1220. **other id:** G-2334. **locality:** King's Beach, southern end, in park, opposite Caloundra, Queensland. **latitude:** 26 deg. 45 min. S. **longitude:** 153 deg. 09 min. E. **elevation:** 20m. Wild. Seed.
- PI 573069 **origin:** Australia. **collected:** August 22, 1985.
collector: Grace, Brown, Doyle, Kenworthy. **other id:** IL 1221. **other id:** G-2335. **locality:** Mooloolaba River, 2km south of Mooloolaba, Queensland. **latitude:** 26 deg. 38 min. S. **longitude:** 153 deg. 08 min. E. **elevation:** 5m. Wild. Seed.
- PI 573070 **origin:** Australia. **collected:** August 22, 1985.
collector: Grace, Brown, Doyle, Kenworthy. **other id:** IL 1222. **other id:** G-2336. **locality:** Mooloolaba beach, Queensland. **latitude:** 26 deg. 40 min. S. **longitude:** 153 deg. 07 min. E. **elevation:** 5m. Wild. Seed.
- PI 573071 **origin:** Australia. **collected:** August 22, 1985.
collector: Grace, Brown, Doyle, Kenworthy. **other id:** IL 1223. **other id:** G-2333. **locality:** King's Beach, Northern Point, Caloundra, Queensland. **latitude:** 26 deg. 45 min. S. **longitude:** 153 deg. 09 min. E. **elevation:** 10m. Wild. Seed.

PI 573056 to 573079-continued

- PI 573072 **origin:** Australia. **collected:** August 24, 1985. **collector:** Grace, Brown, Doyle, Kenworthy. **other id:** IL 1224. **other id:** G-2337. **locality:** Mount Moy, 24.7km west of Beaudesert, Queensland. **latitude:** 27 deg. 56 min. S. **longitude:** 152 deg. 47 min. E. **elevation:** 100m. Wild. Seed.
- PI 573073 **origin:** Australia. **collected:** January 16, 1965. **collector:** I.B. Staples. **other id:** IL 1228. **other id:** G-1393. **locality:** Stewarts farm at Kalunga, Queensland. **latitude:** 17 deg. 27 min. S. **longitude:** 145 deg. 23 min. E. **elevation:** 840m. Wild. Seed.
- PI 573074 **origin:** Australia. **collected:** May 14, 1979. **collector:** I.B. Staples, L. Pedley. **other id:** IL 1231. **other id:** G-1410. **locality:** Gregory development Road, 19km southeast of the Lynd, Queensland. **latitude:** 18 deg. 59 min. S. **longitude:** 144 deg. 41 min. E. **elevation:** 560m. Wild. Seed.
- PI 573075 **origin:** Australia. **collected:** May 15, 1979. **collector:** I.B. Staples, L. Pedley. **other id:** IL 1232. **other id:** G-1415. **locality:** Mareeba-Dimbulah Road at Gorge Creek, Queensland. **latitude:** 17 deg. 01 min. S. **longitude:** 145 deg. 20 min. E. **elevation:** 520m. Wild. Seed.
- PI 573076 **origin:** Australia. **collected:** July 31, 1983. **collector:** J. Grace, A. Brown, Hymowitz. **other id:** IL 1233. **other id:** G-2073. **locality:** Spring Creek, 50km northeast of Charters Towers, Queensland. **latitude:** 19 deg. 48 min. S. **longitude:** 146 deg. 34 min. E. Wild. Seed.
- PI 573077 **origin:** Australia. **collected:** July 06, 1983. **collector:** J. Grant, R. Pullen. **other id:** IL 1235. **other id:** G-1739. **locality:** Pilliga SF, Plum Forest Road, south of Narrabri, New South Wales. **latitude:** 30 deg. 48 min. S. **longitude:** 149 deg. 10 min. E. Wild. Seed.
- PI 573078 **origin:** Australia. **collected:** May 25, 1982. **collector:** I.B. Staples. **other id:** IL 1236. **other id:** G-1691. **locality:** 30km southwest of Mareeba on Springmount Road, Queensland. **latitude:** 17 deg. 13 min. S. **longitude:** 145 deg. 19 min. E. **elevation:** 520m. Wild. Seed.
- PI 573079 **origin:** Australia. **collected:** May 13, 1979. **collector:** I.B. Staples, L. Pedley. **other id:** IL 1239. **other id:** G-1407. **locality:** Flinders Highway, 5.8km north of Reid River, Queensland. **latitude:** 19 deg. 43 min. S. **longitude:** 146 deg. 50 min. E. **elevation:** 210m. Wild. Seed.

PI 573080. *Hordeum vulgare* L. subsp. *vulgare* POACEAE Barley

Donated by: Mornhinweg, D.W., USDA-ARS, 1301 N. Western, Stillwater, Oklahoma 74075, United States. Received September 16, 1993.

origin: United States. **developed:** D.W. Mornhinweg.
origin institute: USDA-ARS, 1301 N. Western, Stillwater, Oklahoma 74075 United States. **cultivar:** STARS-9301B.
pedigree: Selection from PI 366450. **remarks:** Resistant to RWA, *Diuraphis noxia*, both as a seedling in the greenhouse and as a mature plant under field infestation. Tolerance to the RWA with damage ratings of 2 on Webster's scale of 1-9. Six-row with average maturity and plant height. Stands well under low input conditions but will lodge under high inputs of nitrogen and water. Spring Annual. Breeding Material. Seed.

PI 573081 to 573095. *Hordeum vulgare* L. subsp. *vulgare* POACEAE Barley

Donated by: Ramage, R.T., USDA-ARS, 2000 E. Allen Road, Tuscon, Arizona 85719, United States. Received September 22, 1993.

PI 573081 **origin:** United States. **developed:** R.T. Ramage. **origin institute:** USDA-ARS, 2000 E. Allen Road, Tuscon, Arizona 85719 United States. **origin institute id:** 93-Ma-6211. **cultivar:** CC XLVI-A. **pedigree:** Male sterile winter habit plants/CC XXXII. **remarks:** Winter composite cross. Grown for a number of years in winter areas (Aberdeen, Idaho, northern Idaho, Montana, Washington). Surviving plants with short straw composited for the next generation. Breeding Material. Seed.

PI 573082 **origin:** United States. **developed:** R.T. Ramage. **origin institute:** USDA-ARS, 2000 E. Allen Road, Tuscon, Arizona 85719 United States. **origin institute id:** 93-Ma-68111-winter. **cultivar:** CC XLVI-B. **pedigree:** Male sterile winter habit plants/CC XXXII. **remarks:** Bulk of winter six-row selections from winter composite cross, CC XLVI-A. Grown for a number of years in winter areas (Aberdeen, Idaho, northern Idaho, Montana, Washington). Surviving plants with short straw composited for the next generation. Breeding Material. Seed.

PI 573083 **origin:** United States. **developed:** R.T. Ramage. **origin institute:** USDA-ARS, 2000 E. Allen Road, Tuscon, Arizona 85719 United States. **origin institute id:** 93-Ma-68111-two-row. **cultivar:** CC XLVI-C. **pedigree:** Male sterile winter habit plants/CC XXXII. **remarks:** Bulk of winter two-row selections from winter composite cross, CC XLVI-A. Grown for a number of years in winter areas (Aberdeen, Idaho, northern Idaho, Montana, Washington). Surviving plants with short straw composited for the next generation. Breeding Material. Seed.

PI 573081 to 573095-continued

- PI 573084 **origin:** United States. **developed:** R.T. Ramage. **origin institute:** USDA-ARS, 2000 E. Allen Road, Tuscon, Arizona 85719 United States. **origin institute id:** 93-Ma-68132. **cultivar:** CC XLVI-D. **pedigree:** Male sterile winter habit plants/CC XXXII. **remarks:** Cold tolerant spring composite cross. Spring-habit plants with cold tolerance selected from winter composite cross, CC XLVI-A. Breeding Material. Seed.
- PI 573085 **origin:** United States. **developed:** R.T. Ramage. **origin institute:** USDA-ARS, 2000 E. Allen Road, Tuscon, Arizona 85719 United States. **origin institute id:** 93-Ma-68111-CTS. **cultivar:** CC XLVI-E. **pedigree:** Male sterile winter habit plants/CC XXXII. **remarks:** Bulk of cold tolerant spring selections from cold tolerant spring composite cross, CC XLVI-D. Spring-habit plants with cold tolerance selected from winter composite cross, CC XLVI-A. Breeding Material. Seed.
- PI 573086 **origin:** United States. **developed:** R.T. Ramage. **origin institute:** USDA-ARS, 2000 E. Allen Road, Tuscon, Arizona 85719 United States. **origin institute id:** 93-Ma-62242. **cultivar:** CC XXXII. **pedigree:** Nine related male sterile facilitated recurrent selection populations which were selected for short straw were combined. **other id:** CC XXXII-93. **remarks:** Short straw composite cross. Breeding Material. Seed.
- PI 573087 **origin:** United States. **developed:** R.T. Ramage. **origin institute:** USDA-ARS, 2000 E. Allen Road, Tuscon, Arizona 85719 United States. **origin institute id:** 93-Ma-62244. **cultivar:** CC XXXII-DISEASE RESISTANT. **pedigree:** Nine related male sterile facilitated recurrent selection populations which were selected for short straw were combined. **remarks:** Resulting from selection for resistance to powdery mildew, net blotch, scald, BYDV, and leaf rust in California over a number of years. Breeding Material. Seed.
- PI 573088 **origin:** United States. **developed:** R.T. Ramage. **origin institute:** USDA-ARS, 2000 E. Allen Road, Tuscon, Arizona 85719 United States. **origin institute id:** 93-Ma-62246. **cultivar:** CC XXXII-E. **pedigree:** Nine related male sterile facilitated recurrent selection populations which were selected for short straw were combined. **remarks:** Selections from CC XXXII with elongated outer glume. Breeding Material. Seed.

PI 573081 to 573095-continued

- PI 573089 **origin:** United States. **developed:** R.T. Ramage. **origin institute:** USDA-ARS, 2000 E. Allen Road, Tuscon, Arizona 85719 United States. **origin institute id:** 93-Ma-62247. **cultivar:** CC XXXII-BIOMASS. **pedigree:** Nine related male sterile facilitated recurrent selection populations which were selected for short straw were combined. **remarks:** Selections in CC XXXII for high biomass. Breeding Material. Seed.
- PI 573090 **origin:** United States. **developed:** R.T. Ramage. **origin institute:** USDA-ARS, 2000 E. Allen Road, Tuscon, Arizona 85719 United States. **origin institute id:** 93-Ma-62248. **cultivar:** CC XXXII-ARIVAT TYPES. **pedigree:** Nine related male sterile facilitated recurrent selection populations which were selected for short straw were combined. **remarks:** Bulk of selections from CC XXXII with Arivat characteristics. Breeding Material. Seed.
- PI 573091 **origin:** United States. **developed:** R.T. Ramage. **origin institute:** USDA-ARS, 2000 E. Allen Road, Tuscon, Arizona 85719 United States. **origin institute id:** 93-Ma-681422. **cultivar:** CC XXXII-WAXY HULLESS. **pedigree:** Nine related male sterile facilitated recurrent selection populations which were selected for short straw were combined. **remarks:** Bulk of hulless, waxy selections from CC XXXII. Breeding Material. Seed.
- PI 573092 **origin:** United States. **developed:** R.T. Ramage. **origin institute:** USDA-ARS, 2000 E. Allen Road, Tuscon, Arizona 85719 United States. **origin institute id:** 93-Ma-62311. **cultivar:** CC XXXIX. **pedigree:** Combination of germplasm from CC XXX-B, large seeded types and early types from CC XXXII-76, early types from CC XXVIII, plants from a recurrent sel. program for earliness, and plants from a recurrent sel. program for salt tolerance. **other id:** CC XXXIX-93. **remarks:** Selected for performance under a one-irrigation cultural regime in the desert southwest. Breeding Material. Seed.
- PI 573093 **origin:** United States. **developed:** R.T. Ramage. **origin institute:** USDA-ARS, 2000 E. Allen Road, Tuscon, Arizona 85719 United States. **origin institute id:** 93-Ma-62313. **cultivar:** CC XXXIX-SUBCROWN. **pedigree:** Combination of germplasm from CC XXX-B, large seeded types and early types from CC XXXII-76, early types from CC XXVIII, plants from a recurrent sel. program for earliness, and plants from a recurrent sel. program for salt tolerance. **remarks:** Selections from CC XXXIX for variable length subcrown internodes to place the internode deep under drought conditions. Breeding Material. Seed.

PI 573081 to 573095-continued

PI 573094 **origin:** United States. **developed:** R.T. Ramage. **origin institute:** USDA-ARS, 2000 E. Allen Road, Tuscon, Arizona 85719 United States. **origin institute id:** 93-Ma-62314. **cultivar:** CC XXXIX-TWO-ROW. **pedigree:** Combination of germplasm from CC XXX-B, large seeded types and early types from CC XXXII-76, early types from CC XXVIII, plants from a recurrent sel. program for earliness, and plants from a recurrent sel. program for salt tolerance. **remarks:** Two-row selections from CC XXXIX. Breeding Material. Seed.

PI 573095 **origin:** United States. **developed:** R.T. Ramage. **origin institute:** USDA-ARS, 2000 E. Allen Road, Tuscon, Arizona 85719 United States. **origin institute id:** 93-Ma-62344. **cultivar:** CC XXXIX-DISEASE RESISTANT. **pedigree:** Combination of germplasm from CC XXX-B, large seeded types and early types from CC XXXII-76, early types from CC XXVIII, plants from a recurrent sel. program for earliness, and plants from a recurrent sel. program for salt tolerance. **remarks:** Resulting from selection for resistance to powdery mildew, net blotch, scald, BYDV, and leaf rust in California over a number of years. Breeding Material. Seed.

PI 573096. *Triticum aestivum* L., nom. cons. POACEAE Wheat

Donated by: Baenziger, P.S., Nebraska Agr. Exp. Sta., University of Nebraska-Lincoln, Dept. of Agronomy, Lincoln, Nebraska 68583-0915, United States. Received September 22, 1993.

origin: United States. **developed:** P.S. Baenziger, B. Moreno-Sevilla, C.J. Peterson, D.R. Shelton, L.A. Nelson, J. Hatchett, D. McVey, P. Nordquist. **origin institute:** Nebraska Agric. Exp. Station/USDA-ARS, University of Nebraska-Lincoln, Dept. of Agronomy, Lincoln, Nebraska 68583-0915 United States. **origin institute id:** NE88595. **cultivar:** ALLIANCE. **pedigree:** Arkan/Colt//Chishom. **remarks:** Semidwarf, white chaff, awned. Maturity medium, 1.5 days later than TAM107 and 1.5 days earlier than Arapahoe and Redland. Similar in plant height to Arapahoe and Redland, taller than Vista. Moderate straw strength. Moderate resistance to stem rust. Heterogeneous reaction to the Great Plains Biotype of Hessian fly which may indicate the Marquillo-Kawvale gene for resistance present. Susceptible to leaf rust and soilborne mosaic virus. Reaction to wheat streak mosaic virus needs further testing. More tolerance than most Nebraska cultivars to crown rotting diseases. Cultivar. Seed.

PI 573097. *Panicum coloratum* L. POACEAE Kleingrass

Donated by: Tischler, C.R., Agricultural Research Service -- USDA, Grassland, Soil, and Water Res. Lab., 808 E. Blackland Road, Temple, Texas 76502, United States. **remarks:** TEM-SV1 Kleingrass. Received September 23, 1993.

origin: United States. **developed:** B.A. Young, C.R. Tischler. **origin institute:** Agricultural Research Service -- USDA, Grassland, Soil, and Water Research Lab., 808 E. Blackland Rd., Temple, Texas 76502 United States. **cultivar:** TEM-SV1. **pedigree:** From a base population of Selection-75, plants from selection cycle 3 for increased shoot fresh mass at 14 days after emergence were recombined in an isolation nursery (polycross). **other id:** GP-67. **group:** CSR-OTHER GRASSES. **restricted:** CSR. **remarks:** Selected for increased seedling shoot growth rate. Morphologically indistinguishable from Selection -75. Seedlings grow faster than those of Selection-75, having 33% and 20% greater shoot dry mass at 16 and 30 days after emergence in field evaluations. Seed have greater carbohydrate reserves than seed of Selection-75 and an average mass of 0.93mg/seed. Perennial. Genetic Material. Seed.

PI 573098. *Zea mays* L. subsp. *mays* POACEAE Corn

Donated by: Pratt, R.C., Ohio Agr. Res. and Dev. Center, Ohio State University, Wooster, Ohio 44691, United States; and Agricultural Research Service -- USDA. **remarks:** Oh603 Maize Inbred. Received September 23, 1993.

origin: United States. **developed:** Richard C. Pratt, E.J. Dollinger. **origin institute:** Ohio Agr. Res. and Dev. Center, Ohio State University, 1680 Madison Ave., Wooster, Ohio 44691 United States. **cultivar:** Oh603. **pedigree:** OhSCB-TF(CO). Inbred derived from Ohio Synthetic Corn Belt- Tropical Flint Cycle Zero Population. **other id:** GP-295. **group:** CSR-MAIZE. **restricted:** CSR. **remarks:** Excellent yield and grain dry-down. Stalk and root lodging resistance average (essentially equal to Mol7). Grain protein good. Oil compositional 1.0% unit above, and 0.3% units above B73 and Mol7, respectively. Moderately prolific and excellent pollent producer. Ear placement slightly above mid-plant height (0.54-0.55). Intermediate resistance to leaf blights and rusts. Kernels yellow, flinty, produced on 12-rowed ears with sound, white cobs. Mid-silk date 5 days later than B73. Spring Annual. Breeding Material. Seed.

PI 573099. *Zea mays* L. subsp. *mays* POACEAE Corn

Donated by: Pratt, R.C., Ohio Agr. Res. and Dev. Center, Ohio State University, Wooster, Ohio 44691, United States; and Agricultural Research Service -- USDA. **remarks:** OhS9(C1) and OhS10(C1) Maize Synthetics. Received September 23, 1993.

origin: United States. **developed:** Richard C. Pratt, William R. Findley Jr., A. Sotomayor-Rios, S. Torres-Cardona. **origin institute:** Ohio Agr. Res. and Dev. Center, Ohio State University, 1680 Madison Ave., Wooster, Ohio 44691 United States. **cultivar:** OhS9(C1). **pedigree:** OhS5/OhS6. **other id:** Maize Pop. No. 9 (Cycle 1). **other id:** GP-293. **group:** CSR-MAIZE. **restricted:** CSR. **remarks:** Approximate maturity ranges from AES 700-900. Plant, ear, and kernel characteristics variable. Kernels dent type, color varies from light to dark yellow. Root lodging minimal. Moderately susceptible to stalk lodging. Some resistance to natural infection by maize dwarf mosaic virus. Maize chlorotic dwarf virus present. Spring Annual. Breeding Material. Seed.

PI 573100. *Zea mays* L. subsp. *mays* POACEAE Corn

Donated by: Pratt, R.C., Ohio Agr. Res. and Dev. Center, Ohio State University, Wooster, Ohio 44691, United States; and Agricultural Research Service -- USDA. **remarks:** OhS12(C1) Maize Synthetic. Received September 23, 1993.

origin: United States. **developed:** Richard C. Pratt. **origin institute:** Ohio Agr. Res. and Dev. Center, Ohio State University, 1680 Madison Ave., Wooster, Ohio 44691 United States. **cultivar:** OhS12(C1). **pedigree:** Composite of (OhS3267LAN x AAE) x W552 and (OhS3267LAN x AAE) x SD Early Lancaster x MSQB Synthetic. **other id:** GP-296. **group:** CSR-MAIZE. **restricted:** CSR. **remarks:** Some drought stress resistance. Plant, ear, and kernel characteristics variable. Plants vigorous with leafy habit. Few prominently tillered types present. Maturity variable, ranges from AES600-700. Moderately susceptible to stalk and root lodging. Some plants display long husk leaves. Kernels predominantly yellow dent types however some white kernels and blue kernels (~5-6% of total). Ears at or slightly above mid-plant height. Spring Annual. Breeding Material. Seed.

PI 573101. *Salix drummondiana* J. Barratt ex Hook. SALICACEAE Drummond willow

Donated by: Lambert, S.M., USDA-SCS, Plant Materials Center, W.316 Boone Avenue, Suite 450, Spokane, Washington 99201-2348, United States. **remarks:** Received through the National Plant Materials Center, USDA-SCS, Bldg. 509, BARC-East, Beltsville, MD 20705. Received September 10, 1993.

origin: United States. **origin institute:** USDA-SCS, Plant Materials Center, W.316 Boone Avenue, Suite 450, Spokane, Washington 99201-2348 United States. **cultivar:** CURLEW. **collected:** 1980. **other id:** 9020059. **locality:** Moist sands and gravel with inclusions of sandy loam. Proximity of Curlew Creek, Republic, Ferry Co., Washington. **elevation:** 651m. **remarks:** Deciduous native shrub relatively low-growing. Stems striking yellow to yellow-orange, which provide appeal for ornamental uses. Produces numerous stems & abundant leaves. Mature plant height 2.8m. Canopy width 4.6m. Leaves 10.5m long x 2.2cm wide. Silvery-velvety lower leaf pubescence with upper surface green. Tolerant to cold & heat in eastern Washington. No disease or toxicity problem to animals have been noted. Vegetatively propagated variety recommended for conservation plantings for riparian zone vegetation, erosion control, water quality & wildlife habitat. Cultivar. Plant.

PI 573102. *Salix prolixa* Andersson SALICACEAE Mackenzie willow

Donated by: Lambert, S.M., USDA-SCS, Plant Materials Center, W.316 Boone Avenue, Suite 450, Spokane, Washington 99201-2348, United States. **remarks:** Received through the National Plant Materials Center, USDA-SCS, Bldg. 509, BARC-East, Beltsville, MD 20705. Received September 10, 1993.

origin: United States. **origin institute:** USDA-SCS, Plant Materials Center, W.316 Boone Avenue, Suite 450, Spokane, Washington 99201-2348 United States. **cultivar:** RIVAR. **collected:** 1980. **other id:** 9020100. **locality:** Moist sands and gravel with inclusions of sandy loam. Tucannon River near Starbuck, Washington. **elevation:** 244m. **remarks:** Deciduous native shrub relatively low-growing. Stems one-two years old on dormant plants have reddish-brown bark, the older stems gray. Produces numerous stems & abundant leaves. Mature plant height 3.8m. Canopy width 4.6m. Leaves 13.5m long x 1.5cm wide. Usually lanceolate with finely toothed margins. Tolerant to cold & heat in eastern Washington. No disease or toxicity problem to animals have been noted. Vegetatively propagated variety recommended for conservation plantings for riparian zone vegetation, erosion control, water quality & wildlife habitat. Cultivar. Plant.

PI 573103. *Salix exigua* Nutt. SALICACEAE Coyote willow

Donated by: Lambert, S.M., USDA-SCS, Plant Materials Center, W.316 Boone Avenue, Suite 450, Spokane, Washington 99201-2348, United States. **remarks:** Received through the National Plant Materials Center, USDA-SCS, Bldg. 509, BARC-East, Beltsville, MD 20705. Received September 10, 1993.

origin: United States. **origin institute:** USDA-SCS, Plant Materials Center, W.316 Boone Avenue, Suite 450, Spokane, Washington 99201-2348 United States. **cultivar:** SILVAR. **collected:** 1980. **other id:** 9020099. **locality:** Moist sands and gravel with inclusions of sandy loam. Sandbar near confluence with the Snake River. Tucannon River near Starbuck, Washington. **elevation:** 171m. **remarks:** Deciduous native shrub that forms thickets. Produces numerous stems & abundant leaves. Mature plant height 7m. Canopy width 5.6m. Leaves 10.3cm long x 0.7cm wide. Staminate and pistillate catkins appear after the first leaves. Tolerant to cold & heat in eastern Washington. No disease or toxicity problems to animals have been noted. Vegetatively propagated variety recommended for conservation plants for riparian zone vegetation, erosion control, water quality and wildlife habitat enhancement. Cultivar. Plant.

PI 573104. *Salix lemmonii* Bebb SALICACEAE Lemmon's willow

Donated by: Lambert, S.M., USDA-SCS, Plant Materials Center, W.316 Boone Avenue, Suite 450, Spokane, Washington 99201-2348, United States. **remarks:** Received through the National Plant Materials Center, USDA-SCS, Bldg. 509, BARC-East, Beltsville, MD 20705. Received September 10, 1993.

origin: United States. **origin institute:** USDA-SCS, Plant Materials Center, W.316 Boone Avenue, Suite 450, Spokane, Washington 99201-2348 United States. **cultivar:** PALOUSE. **collected:** 1980. **other id:** 9020085. **locality:** Moist, well-drained sand and gravel with minor inclusions of silt loam. Near Redmond, Oregon. **elevation:** 762m. **remarks:** Deciduous native shrub that has numerous low-growing branches. Younger stems have greenish bark. Mature plant height 6m. Canopy width 11m. Leaves 10.5cm long x 2.2cm wide. Stipules minute or inconspicuous. Staminate and pistillate catkins appear before first leaves. No disease or toxicity problems to animals have been noted. Vegetatively propagated variety recommended for conservation plants for riparian zone vegetation, erosion control, water quality and wildlife habitat enhancement. Cultivar. Plant.

PI 573105. *Medicago monantha* (C. Meyer) Trautv. FABACEAE

Donated by: Sperling, C.R., USDA-ARS, National Germplasm Resources Lab., Bldg. 003, Rm. 402, BARC-West, Beltsville, Maryland 20705, United States; and Maxted, N.. Received October 04, 1991.

origin: Kyrgyzstan. **collected:** June 08, 1991.
collector: N. Maxted, C.R. Sperling. **collector id:** 8186.
other id: 919196. **source:** N. Maxted. **other id:** W6 8316.
group: W6. **locality:** Western aspect, rocky hillside 10km northwest of Gava. Associated with wild onion and mints.
latitude: 41 deg. 11 min. N. **longitude:** 071 deg. 02 min. E. **elevation:** 1200m. Perennial. Wild. Seed.

PI 573106 to 573123. *Medicago sativa* L. FABACEAE Alfalfa

Donated by: Renrun, W., Lanzhou Institute of Animal Science, Chinese Academy of Agr. Sci., Jianguoyan, Xiaoxihu, Lanzhou, Gansu 730050, China. Received June 11, 1991.

- * PI 573106 *Medicago sativa* L. subsp. *sativa* FABACEAE Alfalfa
origin: China. **cultivar:** CHABEI. **other id:** W6 7317.
group: W6. **locality:** Hebei, Province, North China.
Cultivated. Seed.
- * PI 573107 *Medicago sativa* L. subsp. *sativa* FABACEAE Alfalfa
origin: China. **cultivar:** CHANGLI. **other id:** W6 7318.
group: W6. **locality:** Hebei, Province, North China.
Cultivated. Seed.
- * PI 573108 *Medicago sativa* L. subsp. *sativa* FABACEAE Alfalfa
origin: China. **cultivar:** FUPING. **other id:** W6 7319.
group: W6. **locality:** Shaanxi Province, Northwest China.
Cultivated. Seed.
- * PI 573109 *Medicago sativa* L. subsp. *sativa* FABACEAE Alfalfa
origin: China. **cultivar:** HETIAN. **other id:** W6 7320.
group: W6. **locality:** Xinjiang Uygur Autonomous Region of Northwest China. Cultivated. Seed.
- * PI 573110 *Medicago sativa* L. subsp. *sativa* FABACEAE Alfalfa
origin: China. **cultivar:** HUANXIAN. **other id:** W6 7321.
group: W6. **locality:** Gansu Province, Northwest China.
Cultivated. Seed.
- * PI 573111 *Medicago sativa* L. subsp. *sativa* FABACEAE Alfalfa
origin: China. **cultivar:** JINNAN. **other id:** W6 7322.
group: W6. **locality:** Shanxi Province, North China.
Cultivated. Seed.

PI 573106 to 573123-continued

- * PI 573112 *Medicago sativa* L. subsp. *sativa* FABACEAE Alfalfa
origin: China. cultivar: LIXIAN. other id: W6 7323.
group: W6. locality: Gansu Province, Northwest China.
Cultivated. Seed.
- * PI 573113 *Medicago sativa* L. subsp. *sativa* FABACEAE Alfalfa
origin: China. cultivar: QIANXIAN. other id: W6 7324.
group: W6. locality: Shaanxi Province, Northwest China.
Cultivated. Seed.
- * PI 573114 *Medicago sativa* L. subsp. *sativa* FABACEAE Alfalfa
origin: China. cultivar: QINGYANG. other id: W6 7325.
group: W6. locality: Gansu Province, Northwest China.
Cultivated. Seed.
- * PI 573115 *Medicago sativa* L. subsp. *sativa* FABACEAE Alfalfa
origin: China. cultivar: QITAI. other id: W6 7326.
group: W6. locality: Xinjiang Uygur Autonomous Region of
Northwest China. Cultivated. Seed.
- * PI 573116 *Medicago sativa* L. subsp. *sativa* FABACEAE Alfalfa
origin: China. cultivar: QUIAN. other id: W6 7327.
group: W6. locality: Gansu Province, Northwest China.
Cultivated. Seed.
- * PI 573117 *Medicago sativa* L. subsp. *sativa* FABACEAE Alfalfa
origin: China. cultivar: SAERTU. other id: W6 7328.
group: W6. locality: Heilongjiang Province, Northeast
China. Cultivated. Seed.
- * PI 573118 *Medicago sativa* L. subsp. *sativa* FABACEAE Alfalfa
origin: China. cultivar: SHAWAN. other id: W6 7329.
group: W6. locality: Xinjiang Uygur Autonomous Region of
Northwest China. Cultivated. Seed.
- * PI 573119 *Medicago sativa* L. subsp. *sativa* FABACEAE Alfalfa
origin: China. cultivar: TAINSHUI. other id: W6 7330.
group: W6. locality: Gansu Province, Northwest China.
Cultivated. Seed.
- * PI 573120 *Medicago sativa* L. subsp. *sativa* FABACEAE Alfalfa
origin: China. cultivar: WEIXIAN. other id: W6 7331.
group: W6. locality: Hebei Province, North China.
Cultivated. Seed.
- * PI 573121 *Medicago sativa* L. subsp. *sativa* FABACEAE Alfalfa
origin: China. cultivar: WUGONG. other id: W6 7332.
group: W6. locality: Shaanxi Province, Northwest China.
Cultivated. Seed.

PI 573106 to 573123-continued

- * PI 573122 *Medicago sativa* L. subsp. *sativa* FABACEAE Alfalfa
origin: China. cultivar: XINJIANG. other id: W6 7333.
group: W6. locality: Xinjiang Uygur Autonomous Region of
Northwest China. remarks: Leaves large. Cultivated.
Seed.
- * PI 573123 *Medicago sativa* L. subsp. *sativa* FABACEAE Alfalfa
origin: China. cultivar: XINJIANG. other id: W6 7334.
group: W6. locality: Xinjiang Uygur Autonomous Region of
Northwest China. remarks: Drought resistant strain.
Cultivated. Seed.

PI 573124 to 573132. *Medicago sativa* L. FABACEAE Alfalfa

Donated by: Hu, P., Beijing Agricultural University, Department of
Animal Science, Beijing, China. Received June 11, 1991.

- * PI 573124 *Medicago sativa* L. subsp. *sativa* FABACEAE Alfalfa
origin: China. cultivar: CHAODONG. other id: W6 7341.
group: W6. locality: Northeast China. Cultivated.
Seed.
- * PI 573125 *Medicago sativa* L. subsp. *sativa* FABACEAE Alfalfa
origin: China. cultivar: HOTEIN. other id: W6 7342.
group: W6. locality: Southern Xinjiang. Cultivated.
Seed.
- * PI 573126 *Medicago sativa* L. subsp. *sativa* FABACEAE Alfalfa
origin: China. cultivar: CHITAI. other id: W6 7343.
group: W6. locality: Northern Xinjiang. Cultivated.
Seed.
- * PI 573127 *Medicago sativa* L. subsp. *sativa* FABACEAE Alfalfa
origin: China. cultivar: SHIHETZE. other id: W6 7344.
group: W6. locality: Northern Xinjiang. Cultivated.
Seed.
- * PI 573128 *Medicago sativa* L. subsp. *sativa* FABACEAE Alfalfa
origin: China. cultivar: TOTOUHE. other id: W6 7345.
group: W6. locality: Northern Xinjiang. Cultivated.
Seed.
- * PI 573129 *Medicago sativa* L. subsp. *sativa* FABACEAE Alfalfa
origin: China. cultivar: JINNAN. other id: W6 7346.
group: W6. locality: Shanxi Province. Cultivated.
Seed.
- * PI 573130 *Medicago sativa* L. subsp. *sativa* FABACEAE Alfalfa
origin: China. cultivar: YUSHEIN. other id: W6 7347.
group: W6. locality: Hebei Province, North China.
Cultivated. Seed.

PI 573124 to 573132-continued

- * PI 573131 *Medicago sativa* L. subsp. *sativa* FABACEAE Alfalfa
origin: China. cultivar: GONGNONG NO. 1. other id: W6
7348. group: W6. locality: Northeast China.
Cultivated. Seed.
- * PI 573132 *Medicago sativa* L. subsp. *sativa* FABACEAE Alfalfa
origin: China. cultivar: HYBRID. other id: W6 7349.
group: W6. locality: Inner Mongolia. Cultivated. Seed.

PI 573133 to 573142. *Medicago sativa* L. FABACEAE Alfalfa

Donated by: Chloupek, Oldrich, Plant Breeding Station, 664 43
Zelesice/Brno, Czechoslovakia. remarks: Received through Royse P.
Murphy, Dept. of Plant Breeding and Biometry, Cornell Univ., 607
Bradfield Hall, Ithaca, NY 14853-1902. Received June 11, 1991.

- * PI 573133 *Medicago sativa* L. subsp. *sativa* FABACEAE Alfalfa
origin: Czechoslovakia. cultivar: BOBRAVA. other id: W6
7351. group: W6. Cultivar. Seed.
- * PI 573134 *Medicago sativa* L. subsp. *sativa* FABACEAE Alfalfa
origin: Romania. cultivar: GLORIA. other id: W6 7352.
group: W6. Cultivar. Seed.
- * PI 573135 *Medicago sativa* L. subsp. *sativa* FABACEAE Alfalfa
origin: Romania. cultivar: LUXIN. other id: W6 7353.
group: W6. Cultivar. Seed.
- * PI 573136 *Medicago sativa* L. subsp. *sativa* FABACEAE Alfalfa
origin: Czechoslovakia. cultivar: MAGDA. other id: W6
7354. group: W6. Cultivar. Seed.
- * PI 573137 *Medicago sativa* L. subsp. *sativa* FABACEAE Alfalfa
origin: Czechoslovakia. cultivar: NITRANKA. other id:
W6 7355. group: W6. Cultivar. Seed.
- * PI 573138 *Medicago sativa* L. subsp. *sativa* FABACEAE Alfalfa
origin: Czechoslovakia. cultivar: PALAVA. other id: W6
7356. group: W6. Cultivar. Seed.
- * PI 573139 *Medicago sativa* L. subsp. *sativa* FABACEAE Alfalfa
origin: Czechoslovakia. cultivar: PREROVSKA. other id:
W6 7357. group: W6. Cultivar. Seed.
- * PI 573140 *Medicago sativa* L. subsp. *sativa* FABACEAE Alfalfa
origin: Hungary. cultivar: SZARVASI. other id: W6 7358.
group: W6. Cultivar. Seed.
- * PI 573141 *Medicago sativa* L. subsp. *sativa* FABACEAE Alfalfa
origin: Hungary. cultivar: VERKO. other id: W6 7359.
group: W6. Cultivar. Seed.

PI 573133 to 573142-continued

- * PI 573142 *Medicago sativa* L. subsp. *sativa* FABACEAE Alfalfa
origin: Former Soviet Union. cultivar: ZARNICA. other
id: W6 7360. group: W6. Cultivar. Seed.

PI 573143 to 573169. *Medicago sativa* L. FABACEAE

Donated by: Rumbaugh, M.D., USDA-ARS, Forage and Range Research, Utah State University, Logan, Utah 84322-6300, United States; and Johnson, D.A., USDA-ARS, Forage and Range Research, Utah State University, Logan, Utah 84322-6300, United States. Received March 02, 1992.

- * PI 573143 *Medicago sativa* L. subsp. *sativa* FABACEAE
origin: China. collected: August 24, 1991. collector:
D.A. Johnson, M.D. Rumbaugh. other id: W6 9555. group:
W6. other id: X910013. locality: 2km S of Kuqa.
latitude: 41 deg. 40 min. N. longitude: 082 deg. 52 min.
E. elevation: 1150m. remarks: 1m tall. Flowers strong,
small, purple. Pods small, tightly coiled. Cultivated.
Seed.
- * PI 573144 *Medicago sativa* L. subsp. *sativa* FABACEAE
origin: China. collected: August 26, 1991. collector:
D.A. Johnson, M.D. Rumbaugh. other id: W6 9556. group:
W6. other id: X910015. locality: Donated by Bureau of
Animal Husbandry, 9km S of Kashgar, Baren Village, Shule
County. latitude: 39 deg. 24 min. N. longitude: 076
deg. 04 min. E. elevation: 1300m. remarks: Landrace
type big leaf. Cultivated. Seed.
- * PI 573145 *Medicago sativa* L. subsp. *sativa* FABACEAE
origin: China. collected: August 26, 1991. collector:
D.A. Johnson, M.D. Rumbaugh. other id: W6 9557. group:
W6. other id: X910017. locality: Irrigated field, 16km
SW of Kashgar, Zamin Village, Shufu County. latitude: 39
deg. 23 min. N. longitude: 075 deg. 51 min. E.
elevation: 1300m. remarks: Landrace type big leaf. 1m
tall. Susceptible to leaf diseases. Cut 3 times per year,
regrowth grazed by sheep. Flowers purple, racemes long.
Seed harvested in July 1991. Cultivated. Seed.
- * PI 573146 *Medicago sativa* L. subsp. *sativa* FABACEAE
origin: China. collected: August 26, 1991. collector:
D.A. Johnson, M.D. Rumbaugh. other id: W6 9558. group:
W6. other id: X910018. locality: 18km W of Kashgar,
Zamin Village, Shufu County. latitude: 39 deg. 23 min.
N. longitude: 075 deg. 51 min. E. elevation: 1300m.
remarks: Local landrace type big leaf. 1m tall. Flowers
purple. Cultivated. Seed.

PI 573143 to 573169-continued

- * PI 573147 *Medicago sativa* L. subsp. *sativa* FABACEAE
origin: China. **collected:** August 26, 1991. **collector:**
D.A. Johnson, M.D. Rumbaugh. **other id:** W6 9559. **group:**
W6. **other id:** X910022. **locality:** 12km SW of Kashgar,
Wukeshake Village, Shufu County. **latitude:** 39 deg. 23
min. N. **longitude:** 075 deg. 51 min. E. **elevation:**
1300m. **remarks:** 11 year old stand of Alfalfa. Irrigated
local landrace. Yields 15 tons of fresh forage per
hectare, some field collected, other from previous
harvest. Flowers blue and purple. Cultivated. Seed.
- * PI 573148 *Medicago sativa* L. subsp. *sativa* FABACEAE
origin: China. **collected:** August 26, 1991. **collector:**
D.A. Johnson, M.D. Rumbaugh. **other id:** W6 9560. **group:**
W6. **other id:** X910024. **locality:** 12km SW of Kashgar,
Wukeshake Village, Shufu County. **latitude:** 39 deg. 23
min. N. **longitude:** 075 deg. 51 min. E. **elevation:**
1300m. **remarks:** Local landrace "Hotien Musu." 1m tall.
Flowers purple. Pods tightly coiled. Cultivated. Seed.
- * PI 573149 *Medicago sativa* L. subsp. *sativa* FABACEAE
origin: China. **collected:** August 27, 1991. **collector:**
D.A. Johnson, M.D. Rumbaugh. **other id:** W6 9561. **group:**
W6. **other id:** X910029. **locality:** Irrigated field,
Shache. **latitude:** 38 deg. 15 min. N. **longitude:** 077
deg. 15 min. E. **elevation:** 1463m. **remarks:** Local
landrace. Flowers purple-blue. Stems 1m long.
Cultivated. Seed.
- * PI 573150 *Medicago sativa* L. subsp. *sativa* FABACEAE
origin: China. **collected:** August 27, 1991. **collector:**
D.A. Johnson, M.D. Rumbaugh. **other id:** W6 9562. **group:**
W6. **other id:** X910030. **locality:** Irrigated field, 4km N
of Shache, Mixie Village, Shache County. **latitude:** 38
deg. 26 min. N. **longitude:** 077 deg. 16 min. E.
elevation: 1463m. **remarks:** Local landrace type big leaf.
Cut 4 times per year. Cultivated. Seed.
- * PI 573151 *Medicago sativa* L. subsp. *sativa* FABACEAE
origin: China. **collected:** August 27, 1991. **collector:**
D.A. Johnson, M.D. Rumbaugh. **other id:** W6 9563. **group:**
W6. **other id:** X910032. **locality:** Irrigated field, near
town vegetable farm, 1km S of Shache. **latitude:** 38 deg.
24 min. N. **longitude:** 077 deg. 16 min. E. **elevation:**
1200m. **remarks:** Local landrace type big leaf.
Cultivated. Seed.

PI 573143 to 573169-continued

- * PI 573152 *Medicago sativa* L. subsp. *sativa* FABACEAE
origin: China. **collected:** August 28, 1991. **collector:**
D.A. Johnson, M.D. Rumbaugh. **other id:** W6 9564. **group:**
W6. **other id:** X910039. **locality:** Irrigated field, 9km S
of Yecheng County, Yecheng City. **latitude:** 37 deg. 53
min. N. **longitude:** 077 deg. 31 min. E. **elevation:**
1463m. **remarks:** Local landrace type big leaf. 1m tall.
Flowers blue and purple. Cultivated. Seed.
- * PI 573153 *Medicago sativa* L. subsp. *sativa* FABACEAE
origin: China. **collected:** August 28, 1991. **collector:**
D.A. Johnson, M.D. Rumbaugh. **other id:** W6 9565. **group:**
W6. **other id:** X910041. **locality:** Irrigated, growing in
shelterbelt, S of Shache, Pishan Village. **latitude:** 37
deg. 37 min. N. **longitude:** 078 deg. 27 min. E.
elevation: 1402m. **remarks:** Flowers purple. Cultivated.
Seed.
- * PI 573154 *Medicago sativa* L. subsp. *sativa* FABACEAE
origin: China. **collected:** August 29, 1991. **collector:**
D.A. Johnson, M.D. Rumbaugh. **other id:** W6 9566. **group:**
W6. **other id:** X910042. **locality:** In shade under
shelterbelt, 15km W of Hotien County, Bageqi Town, Kasipi
Village. **latitude:** 37 deg. 07 min. N. **longitude:** 079
deg. 45 min. E. **elevation:** 1585m. **remarks:** Landrace
type big leaf. 1m tall. Flowers blue. Cultivated. Seed.
- * PI 573155 *Medicago sativa* L. subsp. *sativa* FABACEAE
origin: China. **collected:** August 29, 1991. **collector:**
D.A. Johnson, M.D. Rumbaugh. **other id:** W6 9567. **group:**
W6. **other id:** X910047. **locality:** 15km W of Hotien
County, Bageqi Town, Kasipi Village. **latitude:** 37 deg.
07 min. N. **longitude:** 079 deg. 45 min. E. **elevation:**
1585m. **remarks:** Hotien Musu, big-leaf type. Stems 1.5m
long. Flowers blue-purple. Many foliage diseases.
Cultivated. Seed.
- * PI 573156 *Medicago sativa* L. subsp. *sativa* FABACEAE
origin: China. **source history:** Shihezi Prefecture before
1982.. **collected:** September 02, 1991. **collector:** D.A.
Johnson, M.D. Rumbaugh. **other id:** W6 9568. **group:** W6.
other id: X910060. **locality:** Experimental field, 12km N
Aksu, Grassland Station, Wensu County. **latitude:** 41 deg.
16 min. N. **longitude:** 080 deg. 14 min. E. **elevation:**
1080m. **remarks:** Flowers blue. Cultivated. Seed.

PI 573143 to 573169-continued

- * PI 573157 *Medicago sativa* L. subsp. *sativa* FABACEAE
origin: China. **collected:** September 02, 1991.
collector: D.A. Johnson, M.D. Rumbaugh. **other id:** W6
9569. **group:** W6. **other id:** X910062. **locality:**
Experimental field, 12km N Aksu, Grassland Station, Wensu
County. **latitude:** 41 deg. 16 min. N. **longitude:** 080
deg. 14 min. E. **elevation:** 1080m. **remarks:** Flowers
blue. Cultivated. Seed.

- * PI 573158 *Medicago sativa* L. subsp. *sativa* FABACEAE
origin: China. **collected:** September 02, 1991.
collector: D.A. Johnson, M.D. Rumbaugh. **other id:** W6
9570. **group:** W6. **other id:** X910065. **locality:** Seed
donated by Wensu Grassland Station, 19km NW of Aksu,
Hotien. **remarks:** Certified "Big Leaf" alfalfa.
Cultivated. Seed.

- * PI 573159 *Medicago sativa* L. subsp. *sativa* FABACEAE
origin: China. **collected:** September 05, 1991.
collector: D.A. Johnson, M.D. Rumbaugh. **other id:** W6
9571. **group:** W6. **other id:** X910081. **locality:** Seed
donated by Prof. Min Jichun of AFAC, Hotien. **remarks:**
Landrace collection of big-leaf alfalfa. Cultivated.
Seed.

- * PI 573160 *Medicago sativa* L. subsp. *sativa* FABACEAE
origin: China. **collected:** September 05, 1991.
collector: D.A. Johnson, M.D. Rumbaugh. **other id:** W6
9572. **group:** W6. **other id:** X910082. **locality:** Seed
donated by Prof. Min Jichun of AFAC, Shache. **remarks:**
Landrace collection of big-leaf alfalfa. Cultivated.
Seed.

- * PI 573161 *Medicago sativa* L. subsp. *sativa* FABACEAE
origin: China. **collected:** September 05, 1991.
collector: D.A. Johnson, M.D. Rumbaugh. **other id:** W6
9573. **group:** W6. **other id:** X910083. **locality:** Seed
donated by Prof. Min Jichun of AFAC, Wei Li. **remarks:**
Landrace collection of big-leaf alfalfa. Cultivated.
Seed.

- * PI 573162 *Medicago sativa* L. subsp. *sativa* FABACEAE
origin: China. **collected:** September 05, 1991.
collector: D.A. Johnson, M.D. Rumbaugh. **other id:** W6
9574. **group:** W6. **other id:** X910084. **locality:** Seed
donated by Prof. Min Jichun of AFAC, Fu Kang. **remarks:**
Landrace collection of big-leaf alfalfa. Cultivated.
Seed.

PI 573143 to 573169-continued

- * PI 573163 *Medicago sativa* L. subsp. *sativa* FABACEAE
origin: China. **collected:** September 05, 1991.
collector: D.A. Johnson, M.D. Rumbaugh. **other id:** W6
9575. **group:** W6. **other id:** X910085. **locality:** Seed
donated by Prof. Min Jichun of AFAC, Yu Tian. **remarks:**
Landrace collection of big-leaf alfalfa. Cultivated.
Seed.

- * PI 573164 *Medicago sativa* L. subsp. *sativa* FABACEAE
origin: China. **collected:** September 05, 1991.
collector: D.A. Johnson, M.D. Rumbaugh. **other id:** W6
9576. **group:** W6. **other id:** X910086. **locality:** Seed
donated by Prof. Min Jichun of AFAC, Tu Lufan. **remarks:**
Landrace collection. Cultivated. Seed.

- * PI 573165 *Medicago sativa* L. subsp. *sativa* FABACEAE
origin: China. **collected:** September 05, 1991.
collector: D.A. Johnson, M.D. Rumbaugh. **other id:** W6
9577. **group:** W6. **other id:** X910087. **locality:** Seed
donated by Prof. Min Jichun of AFAC, Ha Mi. **remarks:**
Landrace collection. Cultivated. Seed.

- * PI 573166 *Medicago sativa* L. subsp. *sativa* FABACEAE
origin: China. **collected:** September 05, 1991.
collector: D.A. Johnson, M.D. Rumbaugh. **other id:** W6
9578. **group:** W6. **other id:** X910088. **locality:** Seed
donated by Prof. Min Jichun of AFAC, Kui Tuen. **remarks:**
Landrace collection. Cultivated. Seed.

- * PI 573167 *Medicago sativa* L. subsp. *sativa* FABACEAE
origin: China. **collected:** September 05, 1991.
collector: D.A. Johnson, M.D. Rumbaugh. **other id:** W6
9579. **group:** W6. **other id:** X910089. **locality:** Seed
donated by Prof. Min Jichun of AFAC, Wu Shi Tou Tuen He.
remarks: Landrace collection. Cultivated. Seed.

- * PI 573168 *Medicago sativa* L. subsp. *sativa* FABACEAE
origin: China. **collected:** September 05, 1991.
collector: D.A. Johnson, M.D. Rumbaugh. **other id:** W6
9580. **group:** W6. **other id:** X910090. **locality:** Seed
donated by Prof. Min Jichun, AFAC, Burjin. **remarks:**
Landrace collection. Cultivated. Seed.

- * PI 573169 *Medicago sativa* L. subsp. *sativa* FABACEAE
origin: China. **collected:** September 05, 1991.
collector: D.A. Johnson, M.D. Rumbaugh. **other id:** W6
9581. **group:** W6. **other id:** X910091. **locality:** Seed
donated by Prof. Min Jichun of AFAC, Min Fieng. **remarks:**
Landrace collection of big-leaf alfalfa. Cultivated.
Seed.

PI 573170 to 573174. *Medicago sativa* nsubsp. *varia* (Martyn) Arcang.
FABACEAE Alfalfa

Donated by: Chloupek, Oldrich, Plant Breeding Station, 664 43 Zelesice/Brno, Czechoslovakia. **remarks:** Received through Royse P. Murphy Dept. of Plant Breeding and Biometry, Cornell Univ., 607 Bradfield Hall, Ithaca, NY 14853-1902. Received June 11, 1991.

PI 573170 **origin:** Poland. **cultivar:** BOJA. **other id:** W6 7361.
group: W6. **received as:** *Medicago varia*. Cultivar. Seed.

PI 573171 **origin:** Hungary. **cultivar:** KISVARDAI 1. **other id:** W6 7362. **group:** W6. **received as:** *Medicago varia*. Cultivar. Seed.

PI 573172 **origin:** Poland. **cultivar:** KOMETA. **other id:** W6 7363. **group:** W6. **received as:** *Medicago varia*. Cultivar. Seed.

PI 573173 **origin:** Germany. **source history:** East Germany. **cultivar:** PLAURESA. **other id:** W6 7364. **group:** W6. **received as:** *Medicago varia*. Cultivar. Seed.

PI 573174 **origin:** Germany. **source history:** East Germany. **cultivar:** VERTIBENDA. **other id:** W6 7365. **group:** W6. **received as:** *Medicago varia*. Cultivar. Seed.

PI 573175 to 573177. *Medicago sativa* subsp. *falcata* (L.) Arcang.
FABACEAE Sickle alfalfa

Donated by: Townsend, C.E., Colorado State University, Fort Collins, Colorado 80523, United States. Received February 12, 1991.

PI 573175 **donor id:** AF2635. **origin:** China. **origin institute:** Institute Botany Academy, Grasslands Division, Private Bag, Sinica Beijing, Nei Monggol China. **collected:** 1989. **other id:** W6 6624. **group:** W6. **received as:** *M. falcata*. Wild. Seed.

PI 573176 **donor id:** AF2642. **origin:** China. **origin institute:** Dept. of Scientific and Industrial Res., Grasslands Division, Private Bag, Palmerston North New Zealand. **collected:** 1990. **other id:** W6 6625. **group:** W6. **locality:** Northwest China. **remarks:** Forde North China Collection, August, 1990. No. 48, Site 11. **received as:** *M. falcata*. Wild. Seed.

PI 573175 to 573177-continued

PI 573177 **donor id:** AF2645. **origin:** China. **origin institute:** Dept. of Scientific and Industrial Res., Grasslands Division, Private Bag, Palmerston North New Zealand. **collected:** 1990. **other id:** W6 6626. **group:** W6. **locality:** Northwest China. **remarks:** Forde North China Collection, August, 1990. No. 104, Site 18. **received as:** *M. falcata*. Wild. Seed.

PI 573178 to 573182. *Triticum carthlicum* Nevski POACEAE Persian wheat

Donated by: Metzger, R.J., USDA-ARS, Oregon State University, Oregon State University, Corvallis, Oregon 97331, United States. Received September 30, 1993.

PI 573178 **donor id:** 84TK629-001.1. **origin:** Turkey. **collected:** August 1984. **collector:** M. Kanbertay, Aegean Agric. Research Inst., Menemen. R.J. Metzger, USDA-ARS, Corvallis, Oregon. **collector id:** 84TK629-001.1. **locality:** 14km northeast of Gole. **elevation:** 2000m. Cultivated. Seed.

PI 573179 **donor id:** 84TK632-002.1. **origin:** Turkey. **collected:** August 1984. **collector:** M. Kanbertay, Aegean Agric. Research Inst., Menemen. R.J. Metzger, USDA-ARS, Corvallis, Oregon. **collector id:** 84TK632-002.1. **locality:** 53km east of Gole. **elevation:** 2150m. Cultivated. Seed.

PI 573180 **donor id:** 84TK635-001.1. **origin:** Turkey. **collected:** August 1984. **collector:** M. Kanbertay, Aegean Agric. Research Inst., Menemen. R.J. Metzger, USDA-ARS, Corvallis, Oregon. **collector id:** 84TK635-001.1. **locality:** 9km north of Kars. **elevation:** 1800m. Cultivated. Seed.

PI 573181 **donor id:** 84TK637-001.1. **origin:** Turkey. **collected:** August 1984. **collector:** M. Kanbertay, Aegean Agric. Research Inst., Menemen. R.J. Metzger, USDA-ARS, Corvallis, Oregon. **collector id:** 84TK637-001.1. **locality:** 1 km east of Kars toward Ani. **elevation:** 1760m. Cultivated. Seed.

PI 573182 **donor id:** 84TK647-001.1. **origin:** Turkey. **collected:** August 1984. **collector:** M. Kanbertay, Aegean Agric. Research Inst., Menemen. R.J. Metzger, USDA-ARS, Corvallis, Oregon. **collector id:** 84TK647-001.1. **locality:** 15km north of Arpacay; at south end of Cildir Lake. **elevation:** 1950m. Cultivated. Seed.

PI 573183 to 573187. *Triticum aestivum* L., nom. cons. POACEAE Wheat

Donated by: Metzger, R.J., USDA-ARS, Oregon State University, Oregon State University, Corvallis, Oregon 97331, United States. Received September 30, 1993.

PI 573183 **donor id:** 84TK634-001.1. **origin:** Turkey. **collected:** August 1984. **collector:** M. Kanbertay, Aegean Agric. Research Inst., Menemen. R.J. Metzger, USDA-ARS, Corvallis, Oregon. **collector id:** 84TK634-001.1. **locality:** 68km east of Gole. **elevation:** 1700m. **received as:** *T. aestivum carthlicoides*. Cultivated. Seed.

PI 573184 **donor id:** 84TK642-003.1. **origin:** Turkey. **collected:** August 1984. **collector:** M. Kanbertay, Aegean Agric. Research Inst., Menemen. R.J. Metzger, USDA-ARS, Corvallis, Oregon. **collector id:** 84TK642-003.1. **locality:** 15km west of Ani. **elevation:** 1725m. **received as:** *T. aestivum carthlicoides*. Cultivated. Seed.

PI 573185 **donor id:** 84TK651-001.1. **origin:** Turkey. **collected:** August 1984. **collector:** M. Kanbertay, Aegean Agric. Research Inst., Menemen. R.J. Metzger, USDA-ARS, Corvallis, Oregon. **collector id:** 84TK651-001.1. **locality:** 5km south of Cildir. **elevation:** 1960m. **received as:** *T. aestivum carthlicoides*. Cultivated. Seed.

PI 573186 **donor id:** 84TK652-002.1. **origin:** Turkey. **collected:** August 1984. **collector:** M. Kanbertay, Aegean Agric. Research Inst., Menemen. R.J. Metzger, USDA-ARS, Corvallis, Oregon. **collector id:** 84TK652-002.1. **locality:** 9km south of Aroacay. **elevation:** 1675m. **received as:** *T. aestivum carthlicoides*. Cultivated. Seed.

PI 573187 **donor id:** 84TK663-001.1. **origin:** Turkey. **collected:** August 1984. **collector:** M. Kanbertay, Aegean Agric. Research Inst., Menemen. R.J. Metzger, USDA-ARS, Corvallis, Oregon. **collector id:** 84TK663-001.1. **locality:** 7km west of highway junction toward "Cave Art" near Camusl. **elevation:** 2050m. **received as:** *T. aestivum carthlicoides*. Cultivated. Seed.

PI 573188. *Glycine max* (L.) Merr. FABACEAE Soybean

Donated by: Kilen, T.C., Agricultural Research Service -- USDA, P.O. Box 196, Stoneville, Mississippi 38776, United States; and Mississippi Agr. and Forestry Exp. Sta.. **remarks:** D92-6487 Soybean Germplasm. Received September 30, 1993.

PI 573188-continued

origin: United States. **developed:** T.C. Kilen, L.D. Young. **origin institute:** Agricultural Research Service -- USDA, P.O. Box 196, Stoneville, Mississippi 38776 United States. **cultivar:** D92-6487. **pedigree:** Bedford*7/L77-2015. L77-2015 is a selection from Clark*6/Kingwa. **other id:** GP-160. **group:** CSR-SOYBEAN. **restricted:** CSR. **remarks:** Maturity Group V line released to provide soybean breeders with a potential parent to develop multiple pest resistant cultivars. Developed by backcrossing to transfer the gene Rps1-k into Bedford. After six backcrosses, F3 lines were evaluated for the gene Rps1-k giving resistance to Phytophthora sojae and soybean cyst nematode (Heterodera glycines). Similar to Bedford for all observable traits and has same level of resistance to races 3 and 14 of the soybean cyst nematode. Spring Annual. Breeding Material. Seed.

PI 573189. *Trifolium repens* L. FABACEAE

Donated by: Pederson, G.A., Agricultural Research Service -- USDA, Forage Research Unit, Mississippi State, Mississippi 39762-5367, United States; and Mississippi Agr. and Forestry Exp. Sta.. **remarks:** MSS1 White Clover Germplasm. Received September 30, 1993.

origin: United States. **developed:** G.A. Pederson. **origin institute:** Agricultural Research Service -- USDA, Forage Research Unit, P.O. Box 5367, Mississippi State, Mississippi 39762-5367 United States. **cultivar:** MSS1. **pedigree:** Intercross of F2 and BC1 plants (expressing short internode trait) from original crosses of Tillman and Brown Loam Synthetic No. 2 plants with single SRVR plant expressing short internode trait. **other id:** GP-4. **source:** Crop Sci. 34(2):545 1994. **group:** CSR-CLOVER, WHITE. **restricted:** CSR. **remarks:** White clover with short internode germplasm derived from intercrosses of plants expressing the short internode trait. The short internode trait is inherited as a double recessive (gene symbols i1 and i2). Plants have average internode lengths of 0.3 to 0.5cm while normal plants had internode lengths of 1.0 to 1.3cm. In field plantings, plants spread only 80cm² while normal plants spread over 1000cm². Plant growth habit very compact, dense. Perennial. Breeding Material. Seed.

PI 573190. *Triticum aestivum* L., nom. cons. POACEAE Wheat

Donated by: Souza, E., Idaho Agr. Exp. Sta., University of Idaho, Aberdeen, Idaho 83210, United States; and Agricultural Research Service -- USDA. **remarks:** Idaho IMMS-Co Wheat Germplasm. Received September 30, 1993.

origin: United States. **developed:** E. Souza, J.M. Tyler, K.M. O'Brien. **origin institute:** Idaho Agric. Exp. Station, Aberdeen Res. & Ext. Center, P.O. Box AA, Aberdeen, Idaho 83210 United States. **cultivar:** IDIMMS-Co. **pedigree:** Complex pedigree of U.S. and European winter wheats. **other id:** GP-396. **group:** CSR-WHEAT. **restricted:** CSR. **remarks:** Idaho Intensive Management Male Sterile Population, Cycle O winter wheat. Male sterile population derived from intermating parents responsive to irrigated, high fertility conditions at Aberdeen, ID. Developed for researchers interested in selecting for hard red winter wheat (HRW) genotypes adapted to intensive management or resistant to stripe rust (*Puccinia striiformis*). Annual. Breeding Material. Seed.

PI 573191. *Triticum aestivum* L., nom. cons. POACEAE Wheat

Donated by: Souza, E., Idaho Agr. Exp. Sta., University of Idaho, Aberdeen, Idaho 83210, United States; and Agricultural Research Service -- USDA. **remarks:** Idaho SMMS-Co Germplasm. Received September 30, 1993.

origin: United States. **developed:** E. Souza, J.M. Tyler, K.M. O'Brien. **origin institute:** Idaho Agr. Exp. Sta., Aberdeen Res. & Ext. Center, P.O. Box AA, Aberdeen, Idaho 83210 United States. **cultivar:** IDSMMS-Co. **pedigree:** Complex pedigree of Pacific Northwest and Mid-western U.S. winter wheats. **other id:** GP-398. **group:** CSR-WHEAT. **restricted:** CSR. **remarks:** Idaho Snow Mold Male Sterile Population, Cycle O is a winter wheat population segregating for dominant male sterile gene Ms3, in a predominantly hard red winter wheat (HRW) background with a high frequency of alleles for snow mold (*Typhula* spp. and *Microdochium nivale*) tolerance and dwarf bunt (*Tilletia controversa*) resistance. Developed as a base population for cereal researchers interested in selection of hard red winter wheat with snow mold tolerance and dwarf bunt resistance. Annual. Breeding Material. Seed.

PI 573192 to 573280. *Sorghum bicolor* (L.) Moench POACEAE Sorghum

Donated by: Hilu, Omer, Sorghum & Millet Research, Agric. Res. Corporation, P.O. Box 126, Wad Medani, Sudan. Received September 23, 1993.

PI 573192 **origin:** Sudan. **other id:** SU 2529. **group:** SU. **other id:** A/4. Cultivated. Seed.

PI 573192 to 573280-continued

PI 573193 **origin:** Sudan. **other id:** SU 2531. **group:** SU. **other id:** A/7. Cultivated. Seed.

PI 573194 **origin:** Sudan. **other id:** SU 2540. **group:** SU. **other id:** A/18A. Cultivated. Seed.

PI 573195 **origin:** Sudan. **other id:** SU 2543. **group:** SU. **other id:** A/21A. Cultivated. Seed.

PI 573196 **origin:** Sudan. **other id:** SU 2544. **group:** SU. **other id:** A/23. Cultivated. Seed.

PI 573197 **origin:** Sudan. **other id:** SU 2548. **group:** SU. **other id:** A/27A. Cultivated. Seed.

PI 573198 **origin:** Sudan. **other id:** SU 2557. **group:** SU. **other id:** A/44. Cultivated. Seed.

PI 573199 **origin:** Sudan. **other id:** SU 2815. **group:** SU. **other id:** B/200. Cultivated. Seed.

PI 573200 **origin:** Sudan. **other id:** SU 2816. **group:** SU. **other id:** B/201. Cultivated. Seed.

PI 573201 **origin:** Sudan. **other id:** SU 2817. **group:** SU. **other id:** B/203. Cultivated. Seed.

PI 573202 **origin:** Sudan. **other id:** SU 2819. **group:** SU. **other id:** B/204. Cultivated. Seed.

PI 573203 **origin:** Sudan. **other id:** SU 2820. **group:** SU. **other id:** B/207. Cultivated. Seed.

PI 573204 **origin:** Sudan. **other id:** SU 2830. **group:** SU. **other id:** B/226A. Cultivated. Seed.

PI 573205 **origin:** Sudan. **other id:** SU 2840. **group:** SU. **other id:** B/237. Cultivated. Seed.

PI 573206 **origin:** Sudan. **other id:** SU 2845. **group:** SU. **other id:** B/243. Cultivated. Seed.

PI 573207 **origin:** Sudan. **other id:** SU 2847. **group:** SU. **other id:** B/246. Cultivated. Seed.

PI 573208 **origin:** Sudan. **other id:** SU 2852. **group:** SU. **other id:** B/260. Cultivated. Seed.

PI 573209 **origin:** Sudan. **other id:** SU 2855. **group:** SU. **other id:** B/263A. Cultivated. Seed.

PI 573192 to 573280-continued

PI 573210 **origin:** Sudan. **other id:** SU 2860. **group:** SU. **other id:** B/268A. Cultivated. Seed.

PI 573211 **origin:** Sudan. **other id:** SU 2862. **group:** SU. **other id:** B/276. Cultivated. Seed.

PI 573212 **origin:** Sudan. **other id:** SU 2867. **group:** SU. **other id:** -2. Cultivated. Seed.

PI 573213 **origin:** Sudan. **other id:** SU 2870. **group:** SU. **other id:** -5. Cultivated. Seed.

PI 573214 **origin:** Sudan. **other id:** SU 2871. **group:** SU. **other id:** -6. Cultivated. Seed.

PI 573215 **origin:** Sudan. **other id:** SU 2878. **group:** SU. **other id:** -13. Cultivated. Seed.

PI 573216 **origin:** Sudan. **other id:** SU 2882. **group:** SU. **other id:** -17. Cultivated. Seed.

PI 573217 **origin:** Sudan. **other id:** SU 2898. **group:** SU. **other id:** -33. Cultivated. Seed.

PI 573218 **origin:** Sudan. **other id:** SU 2899. **group:** SU. **other id:** -34. Cultivated. Seed.

PI 573219 **origin:** Sudan. **other id:** SU 2903. **group:** SU. **other id:** -38. Cultivated. Seed.

PI 573220 **origin:** Sudan. **other id:** SU 2919. **group:** SU. **other id:** -54. Cultivated. Seed.

PI 573221 **origin:** Sudan. **pedigree:** 57. **other id:** SU 2922. **group:** SU. Cultivated. Seed.

PI 573222 **origin:** Sudan. **pedigree:** 76. **other id:** SU 2941. **group:** SU. Cultivated. Seed.

PI 573223 **origin:** Sudan. **pedigree:** 92. **other id:** SU 2957. **group:** SU. Cultivated. Seed.

PI 573224 **origin:** Sudan. **pedigree:** 93. **other id:** SU 2958. **group:** SU. Cultivated. Seed.

PI 573225 **origin:** Sudan. **pedigree:** 105. **other id:** SU 2970. **group:** SU. Cultivated. Seed.

PI 573226 **origin:** Sudan. **pedigree:** 110. **other id:** SU 2975. **group:** SU. Cultivated. Seed.

PI 573192 to 573280-continued

PI 573227 **origin:** Sudan. **pedigree:** 303. **other id:** SU 2979.
group: SU. Cultivated. Seed.

PI 573228 **origin:** Sudan. **pedigree:** 316. **other id:** SU 2988.
group: SU. Cultivated. Seed.

PI 573229 **origin:** Sudan. **pedigree:** 318. **other id:** SU 2990.
group: SU. Cultivated. Seed.

PI 573230 **origin:** Sudan. **pedigree:** 319. **other id:** SU 2991.
group: SU. Cultivated. Seed.

PI 573231 **origin:** Sudan. **pedigree:** 320. **other id:** SU 2992.
group: SU. Cultivated. Seed.

PI 573232 **origin:** Sudan. **pedigree:** 324. **other id:** SU 2996.
group: SU. Cultivated. Seed.

PI 573233 **origin:** Sudan. **pedigree:** 325. **other id:** SU 2997.
group: SU. Cultivated. Seed.

PI 573234 **origin:** Sudan. **pedigree:** 326. **other id:** SU 2998.
group: SU. Cultivated. Seed.

PI 573235 **origin:** Sudan. **pedigree:** 328. **other id:** SU 3000.
group: SU. Cultivated. Seed.

PI 573236 **origin:** Sudan. **pedigree:** 330. **other id:** SU 3002.
group: SU. Cultivated. Seed.

PI 573237 **origin:** Sudan. **pedigree:** 335. **other id:** SU 3007.
group: SU. Cultivated. Seed.

PI 573238 **origin:** Sudan. **pedigree:** 337. **other id:** SU 3009.
group: SU. Cultivated. Seed.

PI 573239 **origin:** Sudan. **pedigree:** 339. **other id:** SU 3011.
group: SU. Cultivated. Seed.

PI 573240 **origin:** Sudan. **pedigree:** 341. **other id:** SU 3013.
group: SU. Cultivated. Seed.

PI 573241 **origin:** Sudan. **pedigree:** 348. **other id:** SU 3020.
group: SU. Cultivated. Seed.

PI 573242 **origin:** Sudan. **pedigree:** 349. **other id:** SU 3021.
group: SU. Cultivated. Seed.

PI 573243 **origin:** Sudan. **pedigree:** 352. **other id:** SU 3024.
group: SU. Cultivated. Seed.

PI 573192 to 573280-continued

PI 573244 **origin:** Sudan. **pedigree:** 354. **other id:** SU 3026.
group: SU. Cultivated. Seed.

PI 573245 **origin:** Sudan. **pedigree:** 359. **other id:** SU 3031.
group: SU. Cultivated. Seed.

PI 573246 **origin:** Sudan. **pedigree:** 360. **other id:** SU 3032.
group: SU. Cultivated. Seed.

PI 573247 **origin:** Sudan. **pedigree:** 362. **other id:** SU 3034.
group: SU. Cultivated. Seed.

PI 573248 **origin:** Sudan. **pedigree:** 364. **other id:** SU 3036.
group: SU. Cultivated. Seed.

PI 573249 **origin:** Sudan. **pedigree:** 366. **other id:** SU 3037.
group: SU. Cultivated. Seed.

PI 573250 **origin:** Sudan. **pedigree:** 369. **other id:** SU 3040.
group: SU. Cultivated. Seed.

PI 573251 **origin:** Sudan. **pedigree:** 602. **other id:** SU 3043.
group: SU. Cultivated. Seed.

PI 573252 **origin:** Sudan. **pedigree:** 606. **other id:** SU 3047.
group: SU. Cultivated. Seed.

PI 573253 **origin:** Sudan. **pedigree:** 610. **other id:** SU 3051.
group: SU. Cultivated. Seed.

PI 573254 **origin:** Sudan. **pedigree:** 611. **other id:** SU 3052.
group: SU. Cultivated. Seed.

PI 573255 **origin:** Sudan. **pedigree:** 612. **other id:** SU 3053.
group: SU. Cultivated. Seed.

PI 573256 **origin:** Sudan. **pedigree:** 616. **other id:** SU 3057.
group: SU. Cultivated. Seed.

PI 573257 **origin:** Sudan. **pedigree:** 619. **other id:** SU 3060.
group: SU. Cultivated. Seed.

PI 573258 **origin:** Sudan. **pedigree:** 620. **other id:** SU 3061.
group: SU. Cultivated. Seed.

PI 573259 **origin:** Sudan. **pedigree:** 624. **other id:** SU 3065.
group: SU. Cultivated. Seed.

PI 573260 **origin:** Sudan. **pedigree:** 626. **other id:** SU 3067.
group: SU. Cultivated. Seed.

PI 573192 to 573280-continued

PI 573261 **origin:** Sudan. **pedigree:** 631. **other id:** SU 3072.
group: SU. Cultivated. Seed.

PI 573262 **origin:** Sudan. **pedigree:** 633. **other id:** SU 3074.
group: SU. Cultivated. Seed.

PI 573263 **origin:** Sudan. **pedigree:** 634. **other id:** SU 3075.
group: SU. Cultivated. Seed.

PI 573264 **origin:** Sudan. **pedigree:** 642. **other id:** SU 3083.
group: SU. Cultivated. Seed.

PI 573265 **origin:** Sudan. **pedigree:** 647. **other id:** SU 3088.
group: SU. Cultivated. Seed.

PI 573266 **origin:** Sudan. **pedigree:** 649. **other id:** SU 3090.
group: SU. Cultivated. Seed.

PI 573267 **origin:** Sudan. **pedigree:** 653. **other id:** SU 3094.
group: SU. Cultivated. Seed.

PI 573268 **origin:** Sudan. **pedigree:** 655. **other id:** SU 3096.
group: SU. Cultivated. Seed.

PI 573269 **origin:** Sudan. **pedigree:** 659. **other id:** SU 3100.
group: SU. Cultivated. Seed.

PI 573270 **origin:** Sudan. **pedigree:** 661. **other id:** SU 3102.
group: SU. Cultivated. Seed.

PI 573271 **origin:** Sudan. **pedigree:** 664. **other id:** SU 3105.
group: SU. Cultivated. Seed.

PI 573272 **origin:** Sudan. **pedigree:** 668. **other id:** SU 3109.
group: SU. Cultivated. Seed.

PI 573273 **origin:** Sudan. **pedigree:** 670. **other id:** SU 3111.
group: SU. Cultivated. Seed.

PI 573274 **origin:** Sudan. **pedigree:** 671. **other id:** SU 3112.
group: SU. Cultivated. Seed.

PI 573275 **origin:** Sudan. **pedigree:** 672. **other id:** SU 3113.
group: SU. Cultivated. Seed.

PI 573276 **origin:** Sudan. **pedigree:** 673. **other id:** SU 3114.
group: SU. Cultivated. Seed.

PI 573277 **origin:** Sudan. **pedigree:** 674. **other id:** SU 3115.
group: SU. Cultivated. Seed.

PI 573192 to 573280-continued

PI 573278 **origin:** Sudan. **pedigree:** 675. **other id:** SU 3116.
group: SU. Cultivated. Seed.

PI 573279 **origin:** Sudan. **pedigree:** 676. **other id:** SU 3117.
group: SU. Cultivated. Seed.

PI 573280 **origin:** Sudan. **pedigree:** 677. **other id:** SU 3118.
group: SU. Cultivated. Seed.

PI 573281 to 573284. *Gossypium hirsutum* L. MALVACEAE Upland cotton

Donated by: May, O.L., Agricultural Research Service -- USDA, Pee Dee Research and Education Center, Florence, South Carolina 29501, United States; and South Carolina Agr. Exp. Sta.. **remarks:** Four Germplasm Lines of Upland Cotton with Brown Lint and High Fiber Quality. Received October 06, 1993.

PI 573281 **origin:** United States. **cultivar:** PD 93001. **pedigree:** Brown lint cotton accession (collected in Mexico by M.J. Lukefahr)/PD-3. **other id:** GP-595. **source:** Crop Sci. 34(2):542 1994. **group:** CSR-COTTON. **remarks:** Originated from single plant selections in the F2 generation. The two parents were used as standards for the comparison of fiber properties. Span length greater than the brown lint parent and equal to or slightly less than PD-3. Fiber strength equivalent to PD-3 and major improvement over brown line parent. Fiber elongation less than brown lint parent and equal to PD-3. Micronaire greater than brown lint parent and equivalent to PD-3. Represents major improvement in fiber strength and length over the brown lint parent. Breeding Material. Seed.

PI 573282 **origin:** United States. **cultivar:** PD 93002. **pedigree:** Brown lint cotton accession (collected in Mexico by M.J. Lukefahr)/PD-3. **other id:** GP-596. **source:** Crop Sci. 34(2):542 1994. **group:** CSR-COTTON. **remarks:** Originated from single plant selections in the F2 generation. The two parents were used as standards for the comparison of fiber properties. Span length greater than the brown lint parent and equal to or slightly less than PD-3. Fiber strength equivalent to PD-3 and major improvement over brown line parent. Fiber elongation less than brown lint parent and equal to PD-3. Micronaire greater than brown lint parent and equivalent to PD-3. Represents major improvement in fiber strength and length over the brown lint parent. Breeding Material. Seed.

PI 573281 to 573284-continued

PI 573283 **origin:** United States. **cultivar:** PD 93003. **pedigree:** Brown lint cotton accession (collected in Mexico by M.J. Lukefahr)/PD-3. **other id:** GP-597. **source:** Crop Sci. 34(2):542 1994. **group:** CSR-COTTON. **remarks:** Originated from single plant selections in the F2 generation. The two parents were used as standards for the comparison of fiber properties. Span length greater than the brown lint parent and equal to or slightly less than PD-3. Fiber strength equivalent to PD-3 and major improvement over brown line parent. Fiber elongation intermediate between parents. Micronaire greater than brown lint parent and equivalent to PD-3. Represents major improvement in fiber strength and length over the brown lint parent. Breeding Material. Seed.

PI 573284 **origin:** United States. **cultivar:** PD 93004. **pedigree:** Brown lint cotton accession (collected in Mexico by M.J. Lukefahr)/PD-3. **other id:** GP-598. **source:** Crop Sci. 34(2):542 1994. **group:** CSR-COTTON. **remarks:** Originated from single plant selections in the F2 generation. The two parents were used as standards for the comparison of fiber properties. Span length greater than the brown lint parent and equal to or slightly less than PD-3. Fiber strength equivalent to PD-3 and major improvement over brown line parent. Fiber elongation equal to brown lint parent and greater than PD-3. Micronaire equivalent to brown lint parent and less than PD-3. Represents major improvement in fiber strength and length over the brown lint parent. Breeding Material. Seed.

PI 573285 to 573286. *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:** Near-Isogenic Soybean Germplasm Lines D68-0099 and D68-0102. Received October 07, 1993.

PI 573285 **origin:** United States. **developed:** E.E. Hartwig. **origin institute:** Agricultural Research Service -- USDA, Soybean Production Research, P.O. Box 196, Stoneville, Mississippi 38776 United States. **cultivar:** D68-0099. **pedigree:** Lee*9/T201. **other id:** GP-158. **group:** CSR-SOYBEAN. **restricted:** CSR. **remarks:** Non-nodulating near-isogenic line in a basically Lee background. Maturity late Group VI. Plant type determinate. Flowers purple. Pubescence tawny. Pod walls tan at maturity. Seed yellow with black hila. Resistant to bacterial pustule and phytophthora rot. Spring Annual. Breeding Material. Seed.

PI 573285 to 573286-continued

PI 573286 **origin:** United States. **developed:** E.E. Hartwig. **origin institute:** Agricultural Research Service -- USDA, Soybean Production Research, P.O. Box 196, Stoneville, Mississippi 38776 United States. **cultivar:** D68-0102. **pedigree:** Lee*9/T201. **other id:** GP-159. **group:** CSR-SOYBEAN. **restricted:** CSR. **remarks:** Nodulating near-isogenic line in a basically Lee background. Maturity late Group VI. Plant type determinate. Flowers purple. Pubescence tawny. Pod walls tan at maturity. Seed yellow with black hila. Resistant to bacterial pustule and phytophthora rot. Spring Annual. Breeding Material. Seed.

PI 573287 to 573334. *Ipomoea batatas* (L.) Lam. var. *batatas*
CONVOLVULACEAE Sweet potato

Donated by: Beetham, Peter, ACIAR Sweet Potato Project, Burnley Gardens, Swan Street, Burnley 3121, Australia. Received October 07, 1991.

PI 573287 **origin:** Papua New Guinea. **origin institute id:** U55. **cultivar:** Woksaken (LO49). **other id:** BE-3654. **source:** APHIS. **other id:** Q 28696. Cultivar. Tissue Culture.

PI 573288 **origin:** Papua New Guinea. **origin institute id:** U64. **cultivar:** L318. **other id:** BE-3654. **source:** APHIS. **other id:** Q 28702. Cultivar. Tissue Culture.

PI 573289 **origin:** Samoa. **origin institute id:** U20. **cultivar:** IB03. **other id:** BE-3654. **source:** APHIS. **other id:** Q 28727. Cultivar. Tissue Culture.

PI 573290 **origin:** Samoa. **origin institute id:** U23. **cultivar:** IB07. **other id:** BE-3654. **source:** APHIS. **other id:** Q 28729. Cultivar. Tissue Culture.

PI 573291 **origin:** Samoa. **origin institute id:** U27. **cultivar:** IB11. **other id:** BE-3654. **source:** APHIS. **other id:** Q 28733. Cultivar. Tissue Culture.

PI 573292 **origin:** Solomon Islands. **origin institute id:** U40. **cultivar:** ACC275. **other id:** BE-3654. **source:** APHIS. **other id:** Q 28742. Cultivar. Tissue Culture.

PI 573293 **origin:** Philippines. **origin institute id:** U108. **cultivar:** HAWHUA. **other id:** BE-3654. **source:** APHIS. **other id:** Q 28746. Cultivar. Tissue Culture.

PI 573294 **origin:** Philippines. **origin institute id:** U117. **cultivar:** WAIMANALO. **other id:** BE-3654. **source:** APHIS. **other id:** Q 28747. Cultivar. Tissue Culture.

PI 573287 to 573334-continued

- PI 573295 **origin:** Philippines. **origin institute id:** U109.
cultivar: TAINUNG 57. **other id:** BE=3654. **source:** APHIS.
other id: Q 28748. Cultivar. Tissue Culture.
- PI 573296 **origin:** Philippines. **origin institute id:** U135.
cultivar: TAINUNG 67. **other id:** BE-3654. **source:** APHIS.
other id: Q 28751. Cultivar. Tissue Culture.
- PI 573297 **origin:** Myanmar. **origin institute id:** U131. **cultivar:**
PURPLE. **other id:** BE-3654. **source:** APHIS. **other id:** Q
28754. Cultivar. Tissue Culture.
- PI 573298 **origin:** Myanmar. **origin institute id:** U132. **cultivar:**
WHITE. **other id:** BE-3654. **source:** APHIS. **other id:** Q
28755. Tissue Culture.
- PI 573299 **origin:** UNCERTAIN. **origin institute id:** U139. **cultivar:**
CHIN MI. **other id:** BE-3654. **source:** APHIS. **other id:** Q
28756. **remarks:** Origin is simply listed as KOREA, no
expansion. Cultivar. Tissue Culture.
- PI 573300 **origin:** Papua New Guinea. **origin institute id:** U44.
cultivar: L9. **other id:** BE-3654. **source:** APHIS. **other**
id: Q 28691. Cultivar. Tissue Culture.
- PI 573301 **origin:** Papua New Guinea. **origin institute id:** U45.
cultivar: L11. **other id:** BE-3654. **source:** APHIS. **other**
id: Q 28692. Cultivar. Tissue Culture.
- PI 573302 **origin:** Papua New Guinea. **origin institute id:** U47.
cultivar: L16. **other id:** BE-3654. **source:** APHIS. **other**
id: Q 28693. Cultivar. Tissue Culture.
- PI 573303 **origin:** Papua New Guinea. **origin institute id:** U49.
cultivar: L19. **other id:** BE-3654. **source:** APHIS. **other**
id: Q 28694. Cultivar. Tissue Culture.
- PI 573304 **origin:** Papua New Guinea. **origin institute id:** U50.
cultivar: L22. **other id:** BE-3654. **source:** APHIS. **other**
id: Q 28695. Cultivar. Tissue Culture.
- PI 573305 **origin:** Papua New Guinea. **origin institute id:** U56.
cultivar: L50. **other id:** BE-3654. **source:** APHIS. **other**
id: Q 28697. Cultivar. Tissue Culture.
- PI 573306 **origin:** Papua New Guinea. **origin institute id:** U60.
cultivar: L258. **other id:** BE-3654. **source:** APHIS.
other id: Q 28699. Cultivar. Tissue Culture.
- PI 573307 **origin:** Papua New Guinea. **origin institute id:** U61.
cultivar: L259. **other id:** BE-3654. **source:** APHIS.
other id: Q 28700. Cultivar. Tissue Culture.

PI 573287 to 573334-continued

- PI 573308 **origin:** Papua New Guinea. **origin institute id:** U63.
cultivar: L303. **other id:** BE-3654. **source:** APHIS.
other id: Q 28701. Cultivar. Tissue Culture.
- PI 573309 **origin:** Papua New Guinea. **origin institute id:** U66.
cultivar: L329. **other id:** BE-3654. **source:** APHIS.
other id: Q 28703. Cultivar. Tissue Culture.
- PI 573310 **origin:** Papua New Guinea. **origin institute id:** U72.
cultivar: HABARE. **other id:** BE-3654. **source:** APHIS.
other id: Q 28706. Cultivar. Tissue Culture.
- PI 573311 **origin:** Papua New Guinea. **origin institute id:** U73.
cultivar: ESDIEI. **other id:** BE-3654. **source:** APHIS.
other id: Q 28707. Cultivar. Tissue Culture.
- PI 573312 **origin:** Papua New Guinea. **origin institute id:** U79.
cultivar: GONIME. **other id:** BE-3654. **source:** APHIS.
other id: Q 28708. Cultivar. Tissue Culture.
- PI 573313 **origin:** Papua New Guinea. **origin institute id:** U80.
cultivar: MUNDUENA. **other id:** BE-3654. **source:** APHIS.
other id: Q 28709. Cultivar. Tissue Culture.
- PI 573314 **origin:** Papua New Guinea. **origin institute id:** U81.
cultivar: NAVETO. **other id:** BE-3654. **source:** APHIS.
other id: Q 28710. Cultivar. Tissue Culture.
- PI 573315 **origin:** Papua New Guinea. **origin institute id:** U87.
cultivar: MA'ALAU. **other id:** BE-3654. **source:** APHIS.
other id: Q 28712. Cultivar. Tissue Culture.
- PI 573316 **origin:** Tonga. **origin institute id:** U1. **cultivar:**
HAWAII. **other id:** BE-3654. **source:** APHIS. **other id:** Q
28714. Cultivar. Tissue Culture.
- PI 573317 **origin:** Tonga. **origin institute id:** U4. **cultivar:**
MELEFAKAHAU. **other id:** BE-3654. **source:** APHIS. **other**
id: Q 28716. Cultivar. Tissue Culture.
- PI 573318 **origin:** Tonga. **origin institute id:** U5. **cultivar:**
AMELIKA. **other id:** BE-3654. **source:** APHIS. **other id:** Q
28717. Cultivar. Tissue Culture.
- PI 573319 **origin:** Tonga. **origin institute id:** U9. **cultivar:**
SIALE. **other id:** BE-3654. **source:** APHIS. **other id:** Q
28721. Cultivar. Tissue Culture.
- PI 573320 **origin:** Tonga. **origin institute id:** U14. **cultivar:**
83002-103. **other id:** BE-3654. **source:** APHIS. **other id:**
Q 28722. Cultivar. Tissue Culture.

PI 573287 to 573334-continued

- PI 573321 **origin:** Tonga. **origin institute id:** U16. **cultivar:** 85016-72. **other id:** BE-3654. **source:** APHIS. **other id:** Q 28724. **Cultivar.** **Tissue Culture.**
- PI 573322 **origin:** Tonga. **origin institute id:** U15. **cultivar:** 85016-100. **other id:** BE-3654. **source:** APHIS. **other id:** Q 28725. **Cultivar.** **Tissue Culture.**
- PI 573323 **origin:** Samoa. **origin institute id:** U19. **cultivar:** IB02. **other id:** BE-3654. **source:** APHIS. **other id:** Q 28726. **Cultivar.** **Tissue Culture.**
- PI 573324 **origin:** Samoa. **origin institute id:** U24. **cultivar:** IB08. **other id:** BE-3654. **source:** APHIS. **other id:** Q 28730. **Cultivar.** **Tissue Culture.**
- PI 573325 **origin:** Papua New Guinea. **origin institute id:** U69. **cultivar:** L389. **other id:** BE-3654. **source:** APHIS. **other id:** Q 28704. **Cultivar.** **Tissue Culture.**
- PI 573326 **origin:** Papua New Guinea. **origin institute id:** U85. **cultivar:** BOIANAI NO 3. **other id:** Q 28711. **Cultivar.** **Tissue Culture.**
- PI 573327 **origin:** Samoa. **origin institute id:** U21. **cultivar:** IB04. **other id:** BE-3654. **source:** APHIS. **other id:** Q 28728. **Cultivar.** **Tissue Culture.**
- PI 573328 **origin:** Samoa. **origin institute id:** U26. **cultivar:** IB10. **other id:** BE-3654. **source:** APHIS. **other id:** Q 28732. **Cultivar.** **Tissue Culture.**
- PI 573329 **origin:** Puerto Rico. **origin institute id:** U99. **cultivar:** WART. **other id:** BE-3654. **source:** APHIS. **other id:** Q 28737. **Cultivar.** **Tissue Culture.**
- PI 573330 **origin:** Solomon Islands. **origin institute id:** U39. **cultivar:** ACC108. **other id:** BE-3654. **source:** APHIS. **other id:** Q 28739. **Cultivar.** **Tissue Culture.**
- PI 573331 **origin:** Philippines. **origin institute id:** U116. **cultivar:** VSP5. **other id:** BE-3654. **source:** APHIS. **other id:** Q 28744. **Cultivar.** **Tissue Culture.**
- PI 573332 **origin:** Philippines. **origin institute id:** U110. **cultivar:** BPl-SP2. **other id:** BE-3654. **source:** APHIS. **other id:** Q 28749. **Cultivar.** **Tissue Culture.**
- PI 573333 **origin:** Philippines. **origin institute id:** U115. **cultivar:** VSP2. **other id:** BE-3654. **source:** APHIS. **other id:** Q 28750. **Cultivar.** **Tissue Culture.**

PI 573287 to 573334-continued

PI 573334 **origin:** Myanmar. **origin institute id:** U130. **cultivar:** REDDISH GOLD. **other id:** BE-3654. **source:** APHIS. **other id:** Q 28753. **Cultivar.** Tissue Culture.

PI 573335. *Ipomoea littoralis* Blume CONVOLVULACEAE

Donated by: Jarret, R. L., USDA-ARS, Southern Regional PI Station, 1109 Experiment Street, Griffin, Georgia 30223-1797, United States. Received May 31, 1989.

origin: Australia. **cultivar:** Cape York #1. **collector:** R.L. Jarret. **other id:** BE-2388. **other id:** Q 27809. **locality:** Coolum Beach, 1km S of Pt. Arkwright, 120km N of Brisbane. **latitude:** 26 deg. 31 min. S. **longitude:** 153 deg. 00 min. W. **Wild.** Roots.

Scientific Name Cross Reference

Aeschynomene evenia	572567	Lens ervoides	572311-572339
Allium cepa	572561-572562, 573041	Lens nigricans	572340-572359
Amaranthus dubius	572254	Lens odemensis	572360-572364
Amaranthus hybrid	572255	Lens orientalis	572365-572406
Amaranthus hypochondriacus	572256	Leymus arenarius	572569
Amaranthus powellii	572257- 572262	Lolium perenne	572273-572274, 573042
Amaranthus retroflexus	572263	Loropetalum chinense	
Arachis hypogaea	573007,573010- 573029	var. rubrum	572309-572310
Avena sativa	572288,572547, 572571	Medicago monantha	573105
Brassica napus	573030	Medicago sativa nsubsp. varia	573170-573174
Capsicum chinense	572560	Medicago sativa subsp. falcata	573175-573177
Carthamus tinctorius	572414- 572473,572475-572477,572544	Medicago sativa subsp. sativa	572543,573106-573169
Cicer arietinum	572407-572411, 572478-572535	Oryza sativa	572412
Cicer judaicum	572536	Panicum coloratum	573097
Cicer reticulatum	572537	Paspalum atratum	572568
Cucurbita maxima	572291	Pennisetum glaucum	572229- 572230,572232,572306-572308, 572474
Cucurbita moschata	572286	Perilla frutescens	572264
Cynodon dactylon var. dactylon	572233,572566	Phaseolus vulgaris	572549
Cynodon hybrid	572304-572305	Salix drummondiana	573101
Cyperus esculentus	572572	Salix exigua	573103
Eleusine coracana	572570	Salix lemmonii	573104
Festuca arundinacea	572228, 572564-572565,573040	Salix prolixa	573102
Festuca rubra subsp. rubra	573039	Secale cereale	572563
Glycine canescens	573043- 573048	Sorghum bicolor	572266,573192- 573280
Glycine clandestina	573049- 573054	Trifolium amoenum	572231
Glycine latifolia	573055	Trifolium pratense	573009
Glycine max	572236-572245, 572265,572270-572271,572275- 572285,572292-572303,573008, 573031,573188,573285-573286	Trifolium repens	573189
Glycine tomentella	573056- 573079	Trigonella foenum-graecum	572538-572540
Gossypium hirsutum	572267- 572268,573281-573284	Triticum aestivum	572289- 572290,572542,572546,572548, 572612-572847,572954-573003, 573034-573038,573096,573183- 573187,573190-573191
Hordeum vulgare subsp. vulgare	572246-572253,572573-572611, 573080-573095	Triticum carthlicum	572848- 572849,573178-573182
Humulus lupulus	572234	Triticum compactum	572850- 572857
Ipomoea batatas var. batatas	573287-573334	Triticum dicoccon	572858- 572861
Ipomoea littoralis	573335	Triticum durum	572862-572903, 573004-573006
Lactuca sativa	572272,572287, 573032	Triticum ispahanicum	572904
		Triticum macha	572905-572913
		Triticum spelta	572914-572915
		Triticum timopheevii	572916- 572917
		Triticum turgidum	572918-

572923
Vicia faba 572541
X Triticosecale sp. 572235,
572924-572953
Zea mays subsp. mays 571392-
572227, 572269, 572413, 572545,
572550-572559, 573098-573100
Zoysia japonica 573033

Common Name Cross Reference

Alfalfa	572543,573106-573142, 573170-573174	Wheat	572289-572290,572542, 572546,572548,572954-573003, 573035-573036,573038,573096, 573183-573187,573190-573191
Barley	572246-572253,573080- 573095	Winter rye	572563
Beach wildrye	572569	Winter squash	572291
Bermudagrass	572233,572566	Zoysia	573033
Broad-bean	572541		
Bulb onion	573041		
Chickpea	572498-572520,572532- 572535		
Corn	571392-572227,572269, 572413,572545,572550-572559, 573098-573100		
Cotton	572267-572268		
Coyote willow	573103		
Drummond willow	573101		
Durum wheat	573004-573006		
Fenugreek	572538-572540		
Finger millet	572570		
Garden bean	572549		
Habanero pepper	572560		
Hard red winter wheat	573037		
Hard winter squash	572286		
Hop	572234		
Kleingrass	573097		
Lemmon's willow	573104		
Lettuce	572272,572287,573032		
Mackenzie willow	573102		
Oat	572288,572547,572571		
Onion	572561-572562		
Peanut	573007,573010-573029		
Pearl millet	572229-572230, 572232,572306-572308,572474		
Perennial ryegrass	572273- 572274,573042		
Persian wheat	573178-573182		
Rapeseed	573030		
Red clover	573009		
Red fescue	573039		
Rice	572412		
Safflower	572414-572473,572475- 572477,572544		
Showy indian clover	572231		
Sickle alfalfa	573175-573177		
Soft red winter wheat	573034		
Sorghum	572266,573192-573280		
Soybean	572236-572245,572265, 572270-572271,572275-572285, 572292-572303,573008,573031, 573188,573285-573286		
Sweet potato	573287-573334		
Tall fescue	572228,572564- 572565,573040		
Triticale	572235		
Upland cotton	573281-573284		