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Received 11/30/1994.

PI 584506. *Glycine max* (L.) Merr.

Cultivar. Pureline. "Carver"; Au87-547. CV-335. Pedigree - J80-293 x N81-1756. Maturity Group VII, adapted from 30 deg. to 35 deg. N latitude. Determinate stem termination. Flowers white. Pubescence light tawny. Pod walls tan. Seed yellow with black hila. Plant height averages 79cm. Seed 21% oil and 42% protein. Resistant to races 3 and 14 of the soybean cyst nematode (*Heterodera glycines*), Southern root-knot nematode (*Meloidogyne incognita*), peanut root-knot nematode (*Meloidogyne areuaria*), and frog-eye leaf spot (*Cercospora sojae*). Lodging (scale: 1=no lodging, 5=all plants prostrate) 1.5.

The following were developed by Mary Verhoeven, Oregon State University, Cereal Project, Crop Science Bldg. 107, Corvallis, Oregon 97331-3002, United States; Patrick M. Hayes, Oregon State University, Department of Crop Science, Crop Science Building 107, Corvallis, Oregon 97331-3002, United States; M. F. Kolding, Oregon State University, Columbia Basin Agric. Research Center, Pendleton, Oregon 97801, United States; W.E. Kronstad, Oregon State University, Dept. of Crop and Soil Science, Corvallis, Oregon 97331, United States; A.E. Corey, Oregon State University, Dept. of Crop and Soil Science, Corvallis, Oregon 97331, United States. Received 11/30/1994.

PI 584507. *Hordeum vulgare* L. ssp. *vulgare*

Cultivar. Pureline. "KOLD"; ORWM8407. CV-249. Pedigree - B-1285/Astrix. Six-row, rough awned, white aleurone feed barley. Spike lax, obligate winter type, and level of winterhardiness comparable to other Pacific Northwest feed cultivars. Resistant to *Puccinia striiformis*, race 24. Tolerant of *Rhynchosporium secalis* and *Pyrenophora teres*.

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PI 584508. *Hordeum vulgare* L. ssp. *vulgare*

Cultivar. Pureline. "MARANNA"; ORS-2. CV-250. Pedigree - OSB74133/M33. Six-row spring, smooth awned, white aleurone feed barley. Spike semi-lax. Stature short with average height of 68cm.

The following were developed by Jeff Wilson, USDA/ARS, Forage & Turf Unit, Ga. Coastal Plain Experiment Station, Tifton, Georgia 31793, United States; G.W. Burton, Agricultural Research Service -- USDA, Univ. of Georgia Coastal Plain Exp. Sta., Tifton, Georgia, United States. Received 11/30/1994.

PI 584509. *Pennisetum glaucum* (L.) R. Br.

Breeding. Pureline. TIFT 65. PL-26. Pedigree - Developed by introducing into Tift 383 through backcrossing and selection, the dominant *Rr1* gene for resistance to rust caused by *Puccinia substriata* var. *indica* and dominant resistance to *pyricularia* leaf spot caused by *Pyricularia grisea* from *P. monodii*. Grows approx. 2m tall. Reaches anthesis in 65 to 75 days which is similar to Tift 383, and sheds abundant pollen. Can replace Tift 383 to produce disease resistant hybrids that should increase forage yields.