

PI 594320. *Glycine max* (L.) Merr.

Cultivated. Pureline. 30630; NIAR 00030630; Yuuzuru; SY 9602178.

The following were developed by Harry C. Minor, University of Missouri-Columbia, Department of Agronomy, 214 Waters Hall, Columbia, Missouri 65211, United States; William Stegmeier, Fort Hays Experiment Station, 1232 240th Avenue, Hays, Kansas 67601, United States; Charlie L. Rife, Kansas State University, Department of Agronomy, 2004 Throckmorton Plant Science Center, Manhattan, Kansas 66506-5501, United States; Dick L. Auld, Texas Tech University, Department of Plant and Soil Sciences, P.O. Box 4122, Lubbock, Texas 79409-2122, United States; David D. Baltensperger, University of Nebraska, Panhandle Res. & Ext. Center, 4502 Avenue I, Scottsbluff, Nebraska 69361-4939, United States; Duane L. Johnson, Colorado State University, Dept. of Agronomy, Fort Collins, Colorado 80523, United States; W.F. Heer, Kansas State University, Kansas Agric. Exp. Station, Dept. of Agronomy, Manhattan, Kansas, United States; H.D. Sunderman, Northwest Res.-Ext. Center, Kansas State Univ., Hutchinson, Kansas 67501, United States; J.P. Salgado, Kansas State University, Dept. of Agronomy, Manhattan, Kansas 66506, United States. Received 04/19/1996.

PI 594321. *Brassica napus* L.

Breeding. Pureline. KS3579. GP-5. Pedigree - WRER12 / Jet Neuf. Winter rapeseed with significantly improved winter survival for conditions of the Great Plains. During the 1993-94 growing season, averaged 88% winter survival compared with 30% for Ceres. During 1994-95, averaged 90% winter survival compared with 81% for Ceres. Tested throughout the Great Plains and has either been the best surviving line or has not been significantly different. Seed has low erucic acid and high glucosinolate contents. Average 10cm shorter, 6 days earlier to 50% bloom date, 85% of the yield, and 1% less oil content compared with Ceres.

The following were developed by Jim Myers, University of Idaho, Research & Extension Center, 3793 North, 3600 East, Kimberly, Idaho 83341, United States; M.W. Lancaster, University of Idaho, Kimberly Res. and Ext. Ctr., 3793 North 3600 East, Kimberly, Idaho 83341, United States; K. Stewart-Williams, University of Idaho, Kimberly Res. and Ext. Ctr., 3793 North 3600 East, Kimberly, Idaho 83341, United States; J.J. Kolar, University of Idaho, Kimberly Res. and Ext. Ctr., 3793 North 3600 East, Kimberly, Idaho 83341, United States; R.E. Hayes, University of Idaho, Kimberly Res. and Ext. Ctr., 3793 North 3600 East, Kimberly, Idaho 83341, United States. Received 04/18/1996.

PI 594322. *Phaseolus vulgaris* L.

Cultivar. Pureline. "UI 228"; KO-228. CV-135. Pedigree - AR8-5/D-80. Growth habit type IIIA, 43cm average plant height. Semi-erect plant keeps pods mostly off ground. Seed large, dark red, 30gm 100 seed-1. Excellent processing quality. Resistance to BCMV is bc-ubc-ubc-12bc-12. Resistant to Beet Curly Top Virus, but susceptible to rust. Moderately susceptible to air pollution (ozone). 88 days to maturity where check (NW63) matures in 92 d. Flowers white and green pods that develop light rose blush with maturity.

PI 594323. *Phaseolus vulgaris* L.