

percentage. Multigerm diploid segregating for red and green hypocotyl. Relatively easy bolting. Male sterility exceeds 20%, and male fertile plants largely but not exclusively self-sterile.

The following were developed by Dick L. Auld, Texas Tech University, Department of Plant and Soil Sciences, P.O. Box 4122, Lubbock, Texas 79409-2122, United States; John M. Kraft, USDA, ARS, Irrigated Agric. Research & Extension Ctr., 24106 North Bunn Road, Prosser, Washington 99350, United States; Fred J. Muehlbauer, USDA, ARS, Washington State University, Grain Legume Genetics & Phys. Res. Unit, Pullman, Washington 99164-6434, United States. Received 06/03/1997.

PI 598077. *Pisum sativum* L.

Cultivar. Pureline. "GRANGER"; D258-1-2. CV-15. Pedigree - F5 selection from Fen *2/New Season (af)/3/Mich 89-L-36/4/Glacier. Semi-leafless Austrian Winter type pea. Winter survival equaled or exceeded Feen, Melrose, and Glacier checks. Yields exceeded all checks except Glacier. First release of a semi-leafless winter pea. Reduced leaf area is expected to reduce the severity of foliar diseases such as Sclerotinia white mold and Ascochyta blight. Upright standing ability should also improve harvesting ease.

The following were developed by Ismail Kusmenoglu, Central Research Inst. of Field Crops, Ministry of Agriculture, P.O. Box 226, Ulus, Ankara 06042, Turkey; Walter J. Kaiser, USDA, ARS, Washington State University, Regional Plant Introduction Station, Pullman, Washington 99164-6402, United States; Fred J. Muehlbauer, USDA, ARS, Washington State University, Grain Legume Genetics & Phys. Res. Unit, Pullman, Washington 99164-6434, United States. Received 06/03/1997.

PI 598078. *Cicer arietinum* L.

Cultivar. Pureline. "SANFORD"; CA188220. CV-145. Pedigree - F7 selection from FLIP 85-58 / Surutato 77. Ascochyta blight resistant. Ascochyta blight scores significantly lower when compared to the checks and were similar to blight resistant parent FLIP 85-58.

PI 598079. *Cicer arietinum* L.

Cultivar. Pureline. "DWELLEY"; CA188359/380. CV-146. Pedigree - F7 selection from FLIP 85-58 / Surutato 77. Ascochyta blight resistant. Ascochyta blight scores significantly lower when compared to the standard checks and similar to the resistant parent FLIP 85-58.

The following were developed by Walter J. Kaiser, USDA, ARS, Washington State University, Regional Plant Introduction Station, Pullman, Washington 99164-6402, United States; Fred J. Muehlbauer, USDA, ARS, Washington State University, Grain Legume Genetics & Phys. Res. Unit, Pullman, Washington 99164-6434, United States; H. A. Van Rheenen, Int. Crops Res. Inst. for the Semi-Arid Tropics, Patancheru P.O., Andhra Pradesh 502 324, India. Received 06/03/1997.

PI 598080. *Cicer arietinum* L.

Cultivar. Pureline. "MYLES"; ICCX860047BP20HB-B. CV-147. Pedigree - (BDN