

The following were developed by Mark Uebersax, Michigan State University, 135 Food Science Building, East Lansing, Michigan 48824-1224, United States; George L. Hosfield, USDA, ARS, Michigan State University, Department of Crop & Soil Science, East Lansing, Michigan 48824, United States; Jim Kelly, Michigan State University, Department of Crop & Soil Science, East Lansing, Michigan 48824, United States; Greg Varner, Dry Edible Bean Research, Advisory Board, 3066 S. Thomas Road, Saginaw, Michigan 48603, United States; J. Taylor, Michigan State University, Dept. of Crop and Soil Sci., East Lansing, Michigan 48824, United States; R.A. Long, County Extension, 151 E. Huron Avenue, Rogers City, Michigan 49779, United States. Received 02/18/1997.

PI 596751. Phaseolus vulgaris L.

Cultivar. Pureline. "RED HAWK". CV-144. Pedigree - Charlevoix/Montcalm//Montcalm. Determinate bush variety with plants averaging 51cm in height. Equivalent to Montcalm in lodging resistance and flower color. Full-season maturing 99 d after planting and 5 d earlier than Montcalm. Outyields Montcalm by 5%. Resistant to rust, bean common mosaic virus and to all known North American races of anthracnose, similar to Isles. Equivalent to Montcalm in tolerance to Minnesota isolates of halo blight, and common blight. Susceptible to Michigan root rot isolates. Exhibits superior canning quality equivalent to Montcalm.

The following were developed by Glenn R. Buss, Virginia Polytechnic Institute, and State University, Virginia Agr. Exp. Sta., Blacksburg, Virginia 24061-0404, United States; G. Ma, Virginia Polytechnic Institute and State University, Dept. of Crop and Soil Environmental Sciences, Blacksburg, Virginia 24061, United States; P. Chen, Virginia Polytechnic Institute and State University, Dept. of Crop and Soil Environmental Sciences, Blacksburg, Virginia 24061, United States; S. A. Tolin, Virginia Polytechnic Institute and State University, Dept. of Crop and Soil Sciences, Blacksburg, Virginia 24061, United States. Received 03/14/1997.

PI 596752. Glycine max (L.) Merr.

Breeding. Pureline. V94-5152. GP-185. Pedigree - Essex X PI 486355. Maturity group V, maturing about one day later than Hutcheson. Plant height about 80cm. Released as germplasm because it contains a gene that confers total resistance to soybean mosaic virus strains G1 through G7. The gene is at a locus that has not been reported and does not appear to be present in any U.S. cultivars. Growth habit determinate. Flowers purple, pubescence gray, and pod walls brown. Seeds dull yellow with imperfect black hila.

The following were developed by Hague-Igloo Vegetable Seeds, Inc., United States. Received 03/25/1997.

PI 596753. Phaseolus vulgaris L.

Cultivar. "IGLOO"; P.L.S. 77. PVP 9700133.