

Kansas State University, Dept. of Grain Science & Industry, Manhattan, Kansas 66506, United States. Received 03/07/1996.

PI 593891. *Triticum aestivum* L., nom. cons.

Cultivar. Pureline. "VANGUARD"; MTSF2238. CV-850. Pedigree - Lew/Tiber//Redwin. Solid-stemmed, medium-maturity hard red winter wheat with tolerance to feeding and cutting damage of the wheat stem sawfly (*Cephus cinctus*). Medium to low yield potential, intermediate height, and moderately weak straw strength. Winterhardiness marginal for Montana. White straw and chaff. Susceptible to prevalent races of *Puccinia graminis*, *Diuraphis noxia*, and *Tilletia controversa*. Coleoptile length long. Grain volume weight, protein content, and milling and baking characteristics acceptable for high-quality bread flour production. Heterogeneous for height and several morphological traits, containing up to 5% tall variants, 7.5% hollow-stemmed plants, 0.1% awnless plants, and 0.1% red-chaffed plants.

The following were developed by Charles N. Bollich, USDA-ARS, Rice Research, RT. 7, Box 999, Beaumont, Texas 77706, United States; Anna McClung, USDA, ARS, Rice Research Station, Route 7, Box 999, Beaumont, Texas 77713, United States; M.A. Marchetti, USDA-ARS, Rice Research Station, Texas A&M Experiment Station, Beaumont, Texas 77713, United States; B.D. Webb, USDA, ARS, Texas A&M Univ. Agric. Res. and Ext. Center, Rt. 7, Box 999, Beaumont, Texas 77713-8530, United States. Received 03/11/1996.

PI 593892. *Oryza sativa* L.

Cultivar. Pureline. "JEFFERSON". CV-103. Pedigree - Rosemont/B82-761. Long-grain having three major genes for resistance to blast (*Pyricularia grisea*) and good partial resistance to sheath blight (*Rhizoctonia solani*). Matures in about 125 d and has good ratoon crop yield. Main crop yield and milling quality excellent. Possesses conventional U.S. long-grain cooking quality and grain dimensions.

Unknown source. Received 03/08/1996.

PI 593893. *Humulus lupulus* L.

Cultivar. "ULTRA"; USDA 21484. CV-24. Pedigree - Tetraploid German aroma hop Hallertau mittelfruh (USDA Acc. Nr. 21397) / diploid male hop USDA 21237M, an open-pollinated seedling of Saazer (USDA Nr. 21077). Genetic composition 4/6 Hallertau mittelfruh, 1/6 Saazer, and 1/6 unknown. Released 03/1995. Triploid ($2n=3x=30$) female European-type. Midseason aroma resembling Hallertau mittelfruh in quality and aroma profile, but with significantly higher yield potential. Well adapted to commercial hop growing areas of Oregon and Washington. Moderately resistant to hop downy mildew and free of all major hop viruses. Vegetatively propagated.

The following were developed by J.M. Green, Int. Crops Res. Inst. for the Semi-Arid Tropics, Hyderabad, India; K.C. Jain, Int. Crops Res. Inst. for the Semi-Arid Tropics, Genetic Enhancement, Patancheru, Andhra Pradesh 502 324, India; L.J. Reddy, Int. Crops Res. Inst. for the Semi-Arid Tropics, Legumes Program, Asia Center (IAC), Patancheru P.O., Andhra Pradesh 502 324, India; K.B. Saxena, Int. Crops Res. Inst. for the Semi-Arid Tropics, Legumes