

Canada. Received 04/11/1980.

PI 592799. *Hordeum vulgare* L. ssp. *vulgare*

Cultivar. Pureline. "LEDUC"; Br. DS4-1; BT 337; CN2363; 2277; CIho 15852 . CV-260. Pedigree - Steptoe/Klondike. Released 1982. Hulled mid-season spring 6-row feed barley. Aleurone yellow. Rachilla hairs short. Lateral lemma veins barbed, awn rough, green tip. Glume covered with short hairs, awn short. Rachis edges tapered, glabrous. Susceptible to *Ustilago nuda*. Moderately resistant to *U. hordei* and *U. nigra*. Moderately resistant to *Rhynchosporium secalis*. Susceptible to *Puccinia graminis*, T gene, Pgt-QCC. Susceptible to *Pyrenophora teres* Winnipeg #102, res. to 857, mod. res. to 858. Susceptible to *Septoria passerinii* Wpg. #692. Moderately susceptible to common root rot (*Cochliobolus sativus* and *Fusarium* spp.).

The following were developed by Carl A. Griffey, Virginia Polytechnic Institute & State University, Dept. of Crop, Soil, & Environmental Sciences, 334-A Smyth Hall, Blacksburg, Virginia 24061-0404, United States; T. M. Starling, Virginia Polytechnic Inst. and State Univ., Virginia Agr. Exp. Sta., Department of Agronomy, Blacksburg, Virginia, United States; A.M. Price, VPI & SU, Crop & Soil Environmental Sciences, Blacksburg, Virginia, United States; W.L. Sisson, VPI & SU, Crop & Soil Environmental Sciences, Blacksburg, Virginia, United States; D.E. Brann, VPI & SU, Crop & Soil Environmental Sciences, Blacksburg, Virginia, United States. Received 01/23/1996.

PI 592800. *Hordeum vulgare* L. ssp. *vulgare*

Cultivar. Pureline. "CALLAO"; VA 90-41-14. CV-267; PVP 9600260. Pedigree - Boone/Henry//Sussex. Released 1994. Short statured, early maturing, six-row winter feed barley with semi-compact spikes possessing awns of intermediate length. Head emergence (Julian=105 d) very early, similar to Sussex and 8 d earlier than Boone. Plant height (33 inches) 7-8 inches shorter than Sussex and Boone. Straw strength fair, similar to Boone. Moderate winter hardiness, and hardier than Sussex or Boone. Kernels very plump and exceptional grain volume weight (51 lb/bu), being 3 lb/bu higher than Boone. Resistant to powdery mildew (*Blumeria graminis*) and barley yellow dwarf, and superior to Boone in this respect. More resistant to leaf rust (*Puccinia hordei*) than Sussex and Boone but moderately susceptible to race 30.

The following were developed by Peggy Thaxton, Texas A&M University, Texas A&M University, Dept. of Soil and Crop Science, College Station, Texas 77843, United States; Kamal M. El-Zik, Texas A&M University, Department of Soil & Crop Sciences, College Station, Texas 77843, United States. Received 01/23/1996.

PI 592801. *Gossypium hirsutum* L.

Cultivar. Pureline. "TAMCOT SPHINX"; MAR-CD3PIHP45H-2-89. CV-109; PVP 9600134. Pedigree - [(Tamcot CD3Hx Para Inta) x Paymaster 145]. Glanded, normal leaf, normal bract, nectaried cotton, and is as hirsute as Tamcot HQ95. Growth habit cylindrical shape. Pollen cream color. Bolls storm resistant. Plant 4cm taller and less determinate than Tamcot HQ95. Produces significantly higher fiber quality and increased yield