

Cultivar. Pureline. "ELKHORN"; ND8933. PVP 9700319; CV-859. Pedigree - Norstar/4/Centurk//Winoka/Ulianovka/3/SD76694. Released 1995. Hard red winter wheat. Mid-maturity and conventional height. Spikes lax and fusiform, awned, and white at maturity. Glumes medium length and width with oblique shoulders and beak acuminate. Seeds ovate, with rounded cheeks and medium brush. Winter hardiness intermediate between Roughrider and Seward. Straw strength similar to Roughrider and weaker than Seward. Averaged 4% greater grain yield than Seward, 7% greater than Arapahoe, and 12% greater than Roughrider. Greenhouse seedling and adult plant field resistance, with a trace mixture of susceptible plants, to prevalent stem rust (*Puccinia graminis*) races Pgt-QCCJ and -TPMK. Moderately susceptible to prevalent races of leaf rust (*Puccinia recondita*), but more resistant than Roughrider or Seward. Moderately susceptible reactions to tan spot (*Pyrenophora tritici-repentis*). Good grain quality. Test weight equivalent to Roughrider and higher than Seward. Wheat protein content, flour extraction and wet gluten mid-range between.

The following were developed by A. E. Hall, University of California, Department of Botany & Plant, Sciences, Riverside, California 92521, United States; Ndiaga Cisse, Institut Senegalais de Recherches Agricoles, Centre National de Recherches Agronomiques, BP 53, Bambey, Senegal; Mbaye Ndiaye, Institut Senegalais de Recherches Agricoles, Centre National de Recherches Agronomiques, BP 53, Bambey, Senegal; Samba Thiaw, Institut Senegalais de Recherches Agricoles, Centre National de Recherches Agronomiques, BP 53, Bambey, Senegal. Received 12/16/1996.

**PI 596353. *Vigna unguiculata* (L.) Walp.**

Cultivar. Pureline. "MELAKH"; B89-504. CV-140. Pedigree - IS86-292/IT83S-742-13. Semi-erect and indeterminate. In tropics flowers 31 days after sowing and reaches physiological maturity after 63 days. Dry seeds white with brown eye, weight 19g/100 seed. Resistance to major strains of CABMV in Senegal and partial resistance to bacterial blight (*Xanthomonas campestris* pv. *vignicola*) and cowpea aphid (*Aphis craccivora*).

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**PI 596354. *Zea mays* L. ssp. *mays***

Breeding. Inbred. N211. PL-288. Pedigree - Self-pollination directly from CLNA(C1). Medium-tall, S5 line. Shows few symptoms when infected