

PI 595894. *Phaseolus vulgaris* L.

Cultivar. Pureline. "MAVERICK". CV-142; PVP 9700082. Pedigree - PX-087 (Fiesta/Black Magic//83B229)/87-049-01 (C081-12034/T295). Adapted to Northern Great Plains Bean Production Region. High yielding. Medium-early maturity (92-95 d after planting) and semi-prostrate (CIAT Type IIIa) indeterminate growth habit. Flowers white. Resistant to prevalent races of Bean Rust (*Uromyces appendiculatus*) in North Dakota. Susceptible to all strains of Bean Common Mosaic Virus. Reaction to White Mold (*Sclerotinia sclerotiorum*) similar to other commercial pinto cultivars. Canning quality very good.

The following were developed by K. W. May, Agriculture Canada, Lethbridge Research Station, P.O. Box 3000, Main, Lethbridge, Alberta T1J 4B1, Canada. Received 10/30/1996.

PI 595895. *Hordeum vulgare* L. ssp. *vulgare*

Cultivar. Pureline. "AC HARPER"; BT 704. CV-269. Pedigree - 49-125/BT364. Six-rowed, hulled, spring feed barley suitable for growing on Canadian prairies. Good yield potential. Superior resistance to lodging, and resistant to scale. Superior kernel plumpness, protein content, and kernel color.

The following were developed by Melvin Adams, USDA, NRCS, East Texas Plant Materials Center, P.O. Box 13000, Nacogdoches, Texas 75961, United States. Received 07/22/1996.

PI 595896. *Tripsacum dactyloides* (L.) L.

Wild. 9043740. Apomictic tetraploid. Average foliage height 147cm and average width 88.0cm. Plant height approx. 2.5m, seed maturity in late June. In clipping studies yielded 16,678 DM lbs./ac. using 45 day clipping interval and 250 lbs. N/ac. DM yield increased to 21,883 lbs./ac. using 60 day clipping interval and 250 lbs. N/ac. Protein 9.3% for 45 day clipping and 7.56% for 60 day interval using 250 lbs. N/ac. Original seed source collected in Jackson Co., Texas.

PI 595897. *Tripsacum dactyloides* (L.) L.

Wild. 9043762. Apomictic tetraploid. Average foliage height 137cm, width 111.0cm. Plant height approx. 2m, seed maturity in late June. In clipping studies yielded 15,794 DM lbs./ac. using 45 day clipping interval and 250 lbs. N/ac. DM yield 20,079 lbs./ac. using 60 day clipping interval and 250 lbs. N/ac. Protein 9.33% for 45 day clipping interval and 7.55% for 60 day interval for same N rates. Original seed source collected in Medina Co., Texas.

PI 595898. *Tripsacum dactyloides* (L.) L.

Wild. 9043629. Apomictic tetraploid. Average foliage height 119.0cm and width 108.0cm. Plant height approx. 2m, seed maturity in June. In clipping studies yielded 14,778 DM lbs./ac. using 45 day clipping interval at 250 lbs. N/ac. DM yield increased to 17,957 lbs./ac. using 60 day clipping interval at 250 lbs. N/ac. Protein 10.71% for 45 day clipping interval and 8.09% for 60 day clipping interval using 250 lbs. N/ac. Original seed source collected in Nacogdoches Co., Texas.