

and a lower micronaire value.

**PI 592298. *Gossypium hirsutum* L.**

Breeding. Pureline. N419-1-91. Pedigree - C32 (a USDA breeding line) / La RN909 (a root-knot and reniform nematode resistant line). Stems and leaves densely pubescent. Plants medium height, normal leaf and bract morphology, dark-green leaves, and nectaried. Open-type boll. Compared to Stoneville 453, significant resistance to reniform nematode (*Rotylenchulus reniformis*) and a longer fiber length.

**PI 592299. *Gossypium hirsutum* L.**

Breeding. Pureline. C221-91. Pedigree - Tamcot HQ95 / Deltapine 20. All plant parts glabrous. Flowers with cream pollen. Plants medium height, normal leaf and bract morphology, dark-green leaves, and nectaried. Early for fruit set and crop maturity and the glabrous character may reduce fiber trash content and imparts resistance to several cotton insects.

**PI 592300. *Gossypium hirsutum* L.**

Breeding. Pureline. C224-91. Pedigree - Tamcot HQ95 / Deltapine 20. Segregates for the glabrous trait and pubescence. Flowers generally have cream pollen. Plants medium height, normal leaf and bract morphology, dark-green leaves, and nectaried. Early for fruit set and crop maturity. Compared to Stoneville 453, excellent tolerance to reniform nematode (*Rotylenchulus reniformis*).

**PI 592301. *Gossypium hirsutum* L.**

Breeding. Pureline. C300-91. Pedigree - Tamcot HQ95 / S295, followed by a subsequent backcross to Tamcot HQ95. Stems and leaves densely pubescent. Flowers have yellow pollen. Plants medium height, normal leaf and bract morphology, dark green leaves, and nectaried. Early for fruit set and crop maturity. Highly resistant to *Xanthomonas campestris* pv. *malvacearum*, the causal agent of bacterial blight.

**PI 592302. *Gossypium hirsutum* L.**

Breeding. Pureline. C306-91. Pedigree - (CABCHUS-1-1-86/S295) / CABCHUS-1-1-86. All plant parts glabrous. Flowers with cream pollen. Plants medium-tall, normal leaf and bract morphology, dark green leaves, and nectaried. Medium-early for crop maturity. Highly resistant to *Xanthomonas campestris* pv. *malvacearum* and good tolerance to reniform nematode (*Rotylenchulus reniformis*).

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Received 10/31/1995.

**PI 592303. *Hordeum vulgare* L. ssp. *vulgare***

Cultivar. Pureline. "PHOENIX"; HB 602. CV-256. Pedigree - Betzes/Heines Hanna//Pirolina/3/RB 222-69/4/Scout. Two-row, hullless, feed barley. Mid-season, rough awned, medium stature with yellow aleurone. Green coleoptile and erect juvenile growth. Flag leaf medium green, narrow, medium long, and semi-erect. Auricle white. Spikes lax, semi-nodding, and medium long. Kernels medium long and medium wide. Rachilla medium long with long hairs. Best adapted to dryer areas of Alberta (brown soils). In these areas, yielded 5029 kg/ha, 10% more than Condor, the predominant two-row hullless cultivar. High digestible protein and energy for pigs. Moderate susceptible to scald (*Rhynchosporium secalis*).