

PI 592742. *Triticum aestivum* L., nom. cons.

Cultivar. Pureline. "USU-APOGEE". CV-840. Pedigree - Parula/Super dwarf. Hard red spring dwarf developed for high yields in controlled environments. Selected for short height, high yield, and resistance to calcium-induced tip necrosis. Extremely fast development rate. Heads emerge 21 days after emergence in continuous light with a constant 25 C temperature. Small flag leaves (14 to 20cm long depending on temperature during development). Close correlation between flag leaf size and head size (seeds per head) in yield trials. Resistant to the severe leaf tip necrosis that occurs in rapid growth conditions, particularly continuous light. Leaf tip necrosis (top 30% of the leaf) is associated with calcium-deficiency. Consistently outyields all other full dwarf (less than 0.5 m tall) cultivars tested. In warm temperature conditions (constant 23 C) the yield advantage is about 30%.

The following were developed by Arthur Yates & Co. Pty., Ltd., Rockhampton, Queensland 4700, Australia. Received 03/28/1995.

PI 592743. *Lactuca sativa* L.

Cultivar. "LEO82;PSR2879". PVP 9500283.

The following were developed by Paragon Seed, Inc., United States. Received 03/28/1996.

PI 592744. *Lactuca sativa* L.

Cultivar. "GREEN BEAUTY". PVP 9600110.

The following were developed by Pace Foods, Division of Campbell Soup Company, Texas, United States. Received 03/28/1996.

PI 592745. *Capsicum annuum* L.

Cultivar. "H78-1R". PVP 9600138.

PI 592746. *Capsicum annuum* L.

Cultivar. "HM1-Y". PVP 9600139.

The following were developed by CAS Custom Farming, Inc., dba Holland Cottonseed, United States. Received 03/28/1996.

PI 592747. *Gossypium hirsutum* L.

Cultivar. "HOLLAND 186". PVP 9600141.

The following were developed by Jacob Hartz Seed Company, Inc., Arkansas, United States. Received 03/28/1996.

PI 592748. *Glycine max* (L.) Merr.

Cultivar. "H 4994". PVP 9600142.

PI 592749. *Glycine max* (L.) Merr.