

fly biotypes B and D (carries H5 and H6). Tolerance to take-all but moderately susceptible to powdery mildew. Plant color green at booting, anthers yellow.

PI 583826. *Triticum aestivum* L., nom. cons.

Cultivar. INW9241. Pedigree - Auburn//751814A6-1/72468C21-186-1. Maturity similar to Caldwell. Yield potential higher than Caldwell. Level of winterhardiness and resistance to diseases similar to Auburn. Well-adapted and performs consistently well throughout Indiana. Excellent replacement cultivar for Caldwell because of consistent performance, moderately early maturity, and excellent milling and baking qualities. Similar to Auburn for general plant type, but slightly taller, and heads 3 days earlier, lik Caldwell. Plant color at booting green, anther color yellow.

The following were developed by Maher M. Noaman, Field Crops Res. Inst., Agricultural Res. Center, Barley Res. Dept., Giza 12619, Egypt; F.A. Asaad, Field Crops Res. Inst., Barley Res. Dept., Agric. Res. Center, Giza 12619, Egypt; A.M. El-Sherbini, Field Crops Res. Inst., Barley Res. Dept., Agric. Res. Dept., Giza 12619, Egypt; A.O. El-Bawab, Field Crops Res. Inst., Barley Res. Dept., Agric. Res. Center, Giza 12619, Egypt; M.A. El-Moselhi, Field Crops Res. Inst., Barley Res. Dept., Agric. Research Center, Giza 12619, Egypt; R.A. Rizk, Field Crops Res. Inst., Barley Res. Dept., Agric. Research Center, Giza 12619, Egypt; A.A. El-Sayed, Field Crops Res. Inst., Barley Res. Dept., Agric. Research Center, Giza 12619, Egypt. Received 08/31/1994.

PI 583827. *Hordeum vulgare* L. ssp. *vulgare*

Cultivar. Pureline. "GIZA 125". CV-247. Pedigree - Giza 117/Bahteem 52//Giza 118/FAO 86. Six-rowed, smooth awned, semi-lax spikes. Juvenile plants have intermediate growth habit. Leaves medium green color, medium width averaging 20mm. Basal leaf sheaths glabrous, auricles white. Spikes tapered shaped, medium long, semi erect. Rachilla medium long with medium length rachilla hairs. Glume length equal to grain. Stems slightly waxy with green appearance. Average number of days to heading 90, maturity 135 days. Relatively high kernel weight 45-47g/1000 kernels. Plants relatively tall, 105-110cm. Moderately resistant to powdery mildew. Tolerant to other major diseases occurring in rainfed areas. Moderately resistant to aphid (*Ropalosiphum maidis* and *padi*). Specific adaptability to drought stress and can perform satisfactorily under irrigation systems as well.

PI 583828. *Hordeum vulgare* L. ssp. *vulgare*

Cultivar. Pureline. "GIZA 126". CV-248. Pedigree - Baladi Bahteem/SD 729-POR 12762-BC. Six-rowed, smooth awned, semi-lax spikes. Juvenile plants have semi-erect growth habit. Leaves medium green in color, medium width averaging 22mm. Basal leaf sheaths semi glabrous and auricles big and white. Spikes tapering shape, medium long in size and semi erect. Glumes longer than grain. Stems slightly waxy with dark green appearance. Days to heading 95, maturity 140 days. Kernel weight average 42-45g/1000 kernels. Plants considered tall, 100-105cm. Moderate resistance to both powdery mildew and net blotch. Tolerant to other major diseases occurring in rainfed areas. Moderately resistant to aphid (*Kopalosiphum maidis* and *padi*). Wide adaptability to different levels of drought stress.

The following were developed by David B. Weaver, Auburn University, Department of Agronomy and Soils, 202 Funchess Hall, Auburn, Alabama 36849, United States. Received 09/07/1994.

PI 583829. *Glycine max* (L.) Merr.

Breeding. Pureline. Au86-2397D. GP-173. Pedigree - Johnston x Ga 80-2205. Approx. Maturity Group VIII. Flowers white. Pubescence gray.