

The following were developed by A.W. Johnson, Pee Dee Research and Education Center, Clemson University, Florence, South Carolina 29501-9603, United States; South Carolina Agricultural Experiment Station, South Carolina, United States. Received 02/12/1996.

PI 593657. *Nicotiana tabacum* L.

Cultivar. "CU 263". CV-112; PVP 9700016. Pedigree - SC 72/TI 1112//2* Speight G-28. First insect resistant tobacco cultivar released in the U.S. Moderate resistance to tobacco budworm (*Heliothis virescens*). Resistance is a type of antibiosis, and budworm larval growth and survival are reduced. When budworm damage is visually rated, there is approx. 50% less damage than on NC 2326 or NC 95. Days to flower averages 68 after transplanting. Normally topped at height of 105 cm, and produces an average of 19.5 leaves per plant of medium length and width. Good yield and quality characteristics. Cured leaf predominantly orange in color, medium bodied, and smooth to medium textured. Met all standards for chemical content, smoke flavor, filling value, and usability for a tobacco cultivar.

The following were developed by John M. Clarke, Agriculture and Agri-Food Canada, Semiarid Prairie Agricultural Res. Centre, Box 1030, Swift Current, Saskatchewan S9H 3X2, Canada; R. M. DePauw, Agriculture and Agri-Food Canada, Semiarid Prairie Agricultural Res. Centre, Box 1030, Swift Current, Saskatchewan S9H 3X2, Canada; T. N. McCaig, Agriculture Canada, Swift Current Research Station, Swift Current, Saskatchewan S9H 3X2, Canada; J. G. McLeod, Agriculture Canada, Swift Current Research Station, P. O. Box 1030, Swift Current, Saskatchewan S9H 3X2, Canada; R.E. Knox, Agriculture Canada, Research Station, Box 1030, Swift Current, Saskatchewan S9H 3X2, Canada; M.R. Fernandez, Agriculture Canada, Research Station, Swift Current, Saskatchewan, Canada. Received 02/13/1996.

PI 593658. *Triticum aestivum* L., nom. cons.

Cultivar. Pureline. "AC BARRIE"; 8405BK3C; BW661. CV-830. Pedigree - Neepawa/Columbus//BW90. Hard red spring wheat, adapted to the Canadian prairies. Combines high grain yield potential with high protein concentration. Resistance to prevalent races of leaf rust, stem rust, loose smut, and common bunt. Has conventional height and strong straw. Quality suitable for making a variety of leaven products. Hard kernel, high flour yield and strong gluten.

PI 593659. *Triticum aestivum* L., nom. cons.

Cultivar. Pureline. "AC KARMA"; 8628 VC2E; HY395. CV-831. Pedigree - HY320*5/BW553//HY358. White spring wheat, adapted to the Canadian Prairies. Combines high grain yield with resistance to common bunt and loose smut in a semidwarf, photo-insensitive background. Resistance to prevalent races of leaf rust and stem rust. Kernels medium hard that have high flour yield and produce medium strong gluten.

The following were developed by Robert T. Lewellen, USDA, ARS, U.S. Agricultural Research Station, 1639 E. Alisal St., Salinas, California 93905, United States. Received 02/12/1996.