PI 564850 **origin:** United States. **cultivar:** CORWA1. **pedigree:** Sumner/C0820026, F1//PI372129, F1/3/TAM107. **remarks:** Hard red winter wheat resistant to Russian wheat aphid (Diuraphis noxia, Mordvilko). Resistance derived from PI 372129. Similar to TAM107 in grain color and hardness, plant height, days to heading, straw strength, leaf and stem rust reactions, winter survival, grain volume weight and grain yield. Glume color white, marginal gluten quality as measured by sodium dodecyl sulfate test. Winter Annual. Breeding Material. Seed.

PI 564851 **origin:** United States. **origin institute:** Colorado State University, Agronomy Dept., Fort Collins, Colorado 80523 United States. **cultivar:** JULES. **pedigree:** NE76667/Hawk. **other id:** C0860094. **other id:** PVP 9400122. **source:** Pending. **group:** PVPO. **patent:** PVPO. **remarks:** Hard red winter wheat. Semidwarf height, awned, white chaff. Slightly later & taller than TAM107 or Yuma, lax heads at maturity. Slightly later in maturity, therefore, should be limited to irrigated areas, & to areas where longer season cultivars can express their yield & test weight potential. Excellent leaf rust resistance, winter hardiness, milling & baking quality. Winter Annual. Cultivar. Seed.

PI 564852. Zea mays L. subsp. mays POACEAE Corn

Donated by: Hallauer, A.R., Iowa State University, 1505 Agronomy Hall, Ames, Iowa 50011, United States. Received February 05, 1993.

origin: United States. **cultivar:** BSSS-53-1-1-1-1-1-1-1. **pedigree:** BSSSCO-53-1-1-1-1-1-1-1. **other id:** Iowa Stiff Stalk Synthetic. **other id:** Ames 20127. **source:** NC-7. **group:** Ames. **remarks:** Developed by single-seed descent from unselected strain of Iowa Stiff Stalk Synthetic (BSSSCO). One of 247 lines developed by single seed descent to study the effects of inbreeding depression and the inheritance of quantitative traits in BSSSCO. Relative to the mean of the 247 BSSSCO lines, has been below average yield, above average protein content, greater plant size, and flowers 4 days later. Has large tassels that average 32.4 branches, ears that average 18.1 kernel rows, and kernels that are highly dented and light yellow in color. Spring Annual. Breeding Material. Seed.