

Variety Description

Research Designation "815" Triticale

The triticale variety "815" is a hexaploid, photoperiod-sensitive, winter-type triticale. Its maturity is intermediate (midseason), reaching 50% flowering approximately five (5) days earlier than the triticale variety "Lasko" and ten (10) days earlier than triticale "102". Its has good winterhardness, though it is not as winterhardy as "102" or "Jenkins".

Coleoptiles of 815 are green and juvenile growth is semiprostrate. At boot stage, plant color is green and the leaves have a waxy bloom. Plant height of 815 at maturity is intermediate, approximately 10 cm taller than Lasko and 40 cm shorter than 102 (except for variants described below). 815 does not have anthocyanin in the stem. Auricles are colorless or white. Its neck is straight and moderately hairy. Leaf carriage is recurved; flag leaf is not twisted.

Heads of 815 are middense, fusiform, and fully awned. Awn color is white. Glumes at maturity are glabrous, white (except for variants described below), long, and midwide. The shoulder of the glumes is wanting, and the beak is acuminate.

Seed of 815 is red, elliptical, and slightly wrinkled. The brush area is large, and its length is long. Seed weight is approximately 55 grams per 1000 under good growing conditions.

Variants in 815 include approximately 3% of the population that are five to ten cm taller than the norm. Under some environmental conditions, approximately 1.5% of the plants have brownish spikes.