

VARIETY DESCRIPTION: COI565W

COI565W is an awned hard white spring wheat, developed by World Wide Wheat LLC (W3), using the male sterile facilitated recurrent selection (MSFRS) population breeding methodology.

It originated as a single F2 head selection out of a 'Drought Tolerant W3 Population Group' in W3's 1995 breeding nursery. Single head selection continued through the F6 generation.

COI565W has been tested in replicated yield trials at several W3 global locations with much success, and found to be suitable for spring planting in Northern Regions of United States and late fall planting in the Desert Southwest, and the prairie provinces of Canada. The line possesses: 1) good yield potential under adequate and/or moderate moisture conditions, and 2) a good disease package. It is moderately resistant to stripe rust.

Functionality: Independent analysis from interested end users of COI565W show great promise; these positive results show the potential for this variety to fill a need within the milling and baking industry. The seed increase in Washington State is to produce Foundation seed for subsequent increases to fulfill this demand.

Vegetative Characteristics: Juvenile growth is erect; plant color at boot stage is blue-green.

Head at Maturity: The head at maturity is lax dense, strap in shape, recurved, and awned.

Glumes: Glumes are white in color, with elevated shoulders and acuminate beak.

Seeds: Seeds are white and ovate in shape with rounded cheek. Seed brush is short. Seed crease is narrow in width and shallow in depth.