Hatcher Hard Red Winter Wheat

Hatcher was released primarily for its resistance to Biotype1 Russian wheat aphid and its adaptation to non-irrigated production areas of Eastern Colorado and West-central Great Plains.

Origin and Pedigree: Hatcher is a hard red winter wheat cultivar developed by the Colorado Agricultural Experiment Station and released in 2004. Hatcher was selected from the cross Yuma/PI372129//TAM2003/4*Yuma/4/KS91H184/-Vista' and tested as CO980607. U.S. Protected Variety: Seed of Hatcher may be sold only as a class of Certified seed according to the provisions of the U.S. Plant Variety Protection Act and Federal Seed Laws.

Maturity: Hatcher is a medium maturing variety, about 4 days later than Prairie Red, 1 day earlier than Yuma and Ankor.

Height/Standability: Plant height of Hatcher is short at approximately 26 inches (65.5 cm), 1.5 cm shorter than Prairie Red and 4.1 cm shorter than Yuma and Ankor. Hatcher has fair straw strength.

Disease/Insect Reaction: Hatcher is moderately susceptible to stem rust, moderately susceptible to leaf rust and stripe rust. Hatcher is susceptible to wheat streak mosaic virus and barley yellow dwarf virus, but resistant to Hessian fly. Hatcher is resistant to Russian wheat aphid Biotype1.

Adaptation/Management: In positioning Hatcher it should be well adapted to most rainfed wheat production systems in Eastern Colorado and West-central plains.

Seed Classes: Breeder, Foundation, Registered and Certified.

Summary: Hatcher is an awned, white-chaffed medium maturing, semidwarf hard red winter wheat. The flag leaf is erect and not twisted at the boot stage. The foliage is green with a waxy bloom on the leaf and stem. No pubescent on stem. The spike is tapering, inclined, and mid-dense. The glume is long and narrow, and the glume shoulder is narrow and oblique. The beak is long in length with an acuminate tip. Kernels are red colored, hard textured, and mainly ovate in shape. The kernel has no collar, a medium brush, rounded cheeks, mid-size germ, and a narrow and shallow crease.