

HIGH COTTON

Quality and yield with a hero-like complex



BREEDER'S BULLETS

A BIT EDGY

This experimental line grabbed my attention right out of the yield-testing gate, ranking first or second among 40 lines in breeding trials in all years except one in the past five (2018-2022). High Cotton has pushed the edge of the yield envelope.

WIN-WIN

Complementary to its high-yield potential is a unique blend of genetics courtesy of CIMMYT, Pioneer, and soft wheat ancestry. Putting yield potential and genetic diversity together in the field is a win-win.

DUAL PERSONALITY

It would not be unreasonable to see this variety recommended for either grazing or intensive management systems. High Cotton has that dual personality.

CROP INSURANCE

The yield package of High Cotton comes with insurance in the form of genetic disease protection against leaf rust and stripe rust, and other common diseases in Oklahoma. The one disease to keep an eye on is powdery mildew buildup in a lush canopy.

Dr. Brett Carver,
Oklahoma State Wheat Breeder

REAP THE REWARDS

The expectation: A variety that extends yield competitiveness AND upholds quality standards for HRW wheat.

The rewards: Elite yield potential, elite yield protection from diseases, and quality that makes no apology.

Learn more about High Cotton and its anticipated impact on Oklahoma's \$1 billion wheat industry.



TRADEMARKS

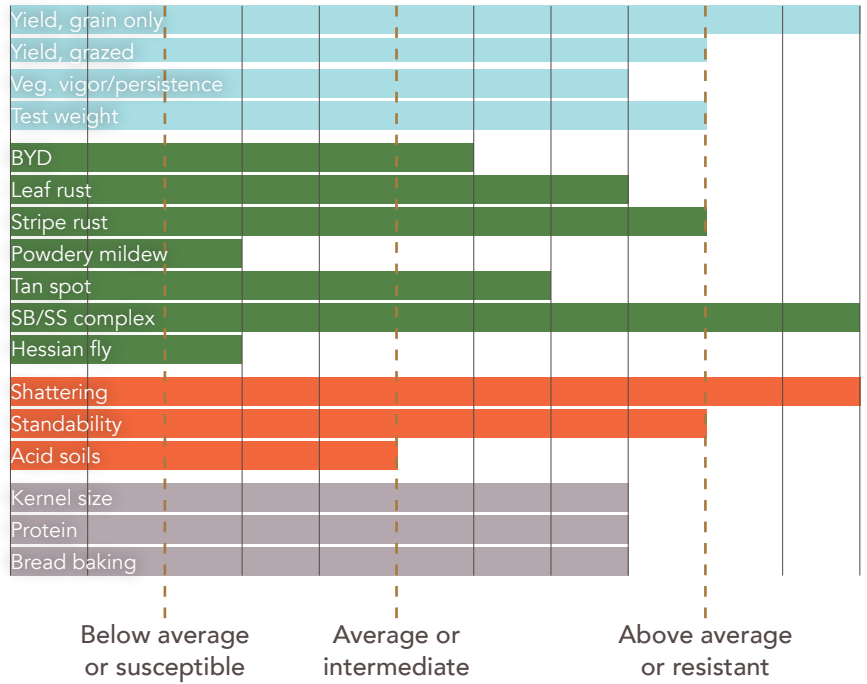


Breeding system that imparts selection pressure for adaptation to early-planted, stocker-cattle grazed systems.

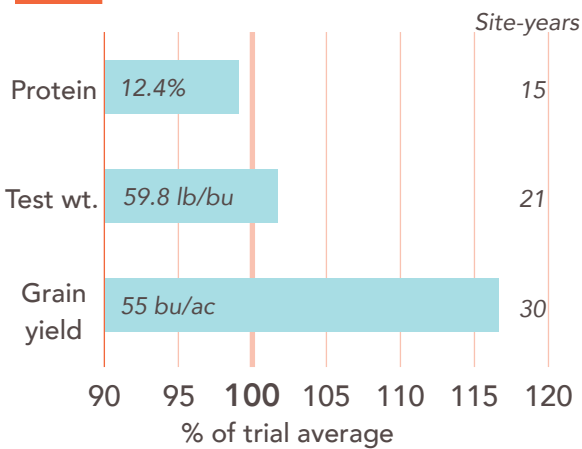
ADAPTATION MAP



BAR EXAM



HIGH COTTON



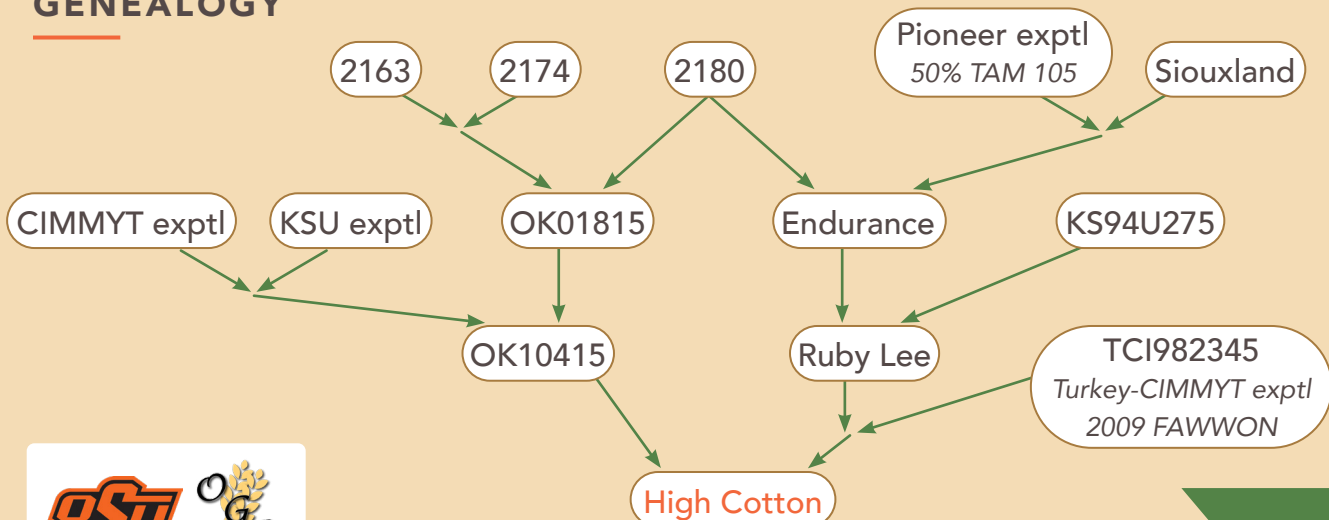
Source: Statewide replicated breeding nurseries from 2018 to 2022.

Bottom Line: High Cotton yielded 17% above the nursery average in 30 site-years, with above-average test weight and on-target protein.

END-USE QUALITY

Overall Quality	Acceptable
Dough Properties	Acceptable mix time and tolerance
Baking Quality	Average absorption and loaf volume
Milling Quality	Desirable kernel size and test weight, softer HRW endosperm; good ash values (lower)

GENEALOGY



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