

# OK CORRAL

Corralling all the outlaws in wheat country



## BREEDER'S BULLETS

### MYTH BUSTERS

Yield potential is *not* the genetic roadblock when breeding beardless varieties for the Southern Plains; rather, reversing the natural decline in test weight with awn removal remains the greater challenge.

A common perception spread through wheat variety marketing is that a variety with good fall forage production and high yield potential is well adapted to grazing. There are many more gears than that, and they must mesh.

### SLOW RUSTING

OK Corral's measured response to leaf rust is qualitatively different than its all-out assault to stripe rust. OK Corral puts up with leaf rust rather than fights it off, and it shows the classic "slow rusting" response of a longer latent period (interval between time of infection and becoming infectious) and reduced pustule size.

### INDUSTRY IMPRESSIONS

A milling industry expert best summed up the baking quality of OK Corral as not being the best in the OSU bunch, but an entire crop having OK Corral's quality portfolio would be completely satisfactory.

*Dr. Brett Carver,*

Oklahoma State Wheat Breeder

## THE IDEAL DUAL-PURPOSE WHEAT

Widely adapted from Green Country of Oklahoma to the High Plains of the Oklahoma and Texas panhandles. OK Corral has supplanted Duster as OSU's long-time standard for dual-purpose capability. Its unique combination of good tolerance to low pH (tested below pH 5.0) and resistance to local Hessian fly biotypes positions OK Corral favorably throughout the central wheat corridor. A deep blend of genetics from Ukraine, K-State, Pioneer, WestBred, and OSU enables OK Corral to thrive under highly variable conditions.

## STRIPE RUST REACTION

OK Corral provides the highest level of stripe rust protection under the severest of disease pressures.

## TRADEMARKS



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

## ADAPTATION MAP

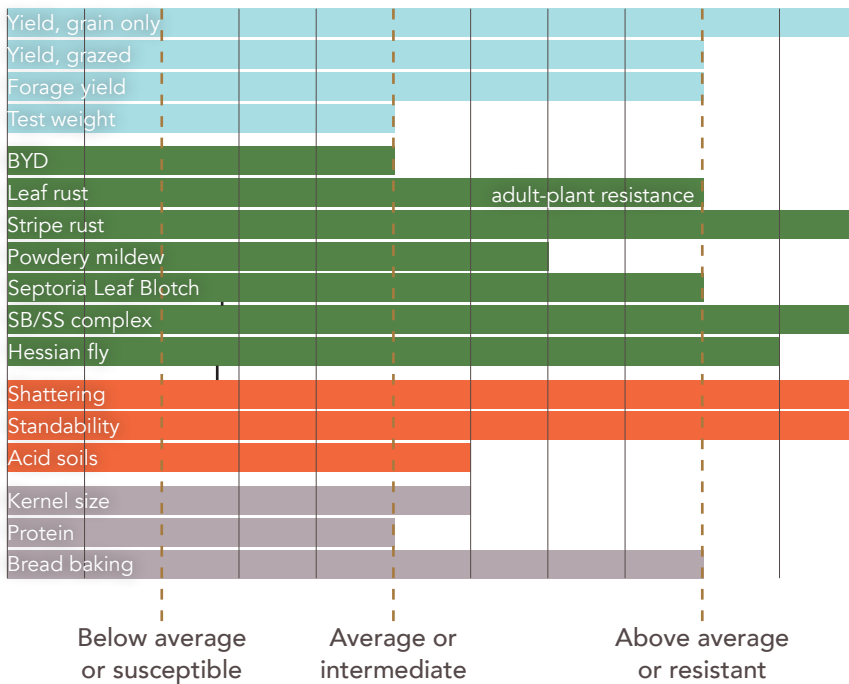


## CONSUMMATE DUAL-PURPOSE VARIETY

- ✓ Early vigor
- ✓ Rapid canopy closure
- ✓ Early to first bite
- ✓ Canopy persistence
- ✓ Intermediate growth habit
- ✓ Cold hardy
- ✓ Winter dormancy retention
- ✓ Timely first hollow stem when grazed
- ✓ Excellent tiller survival
- ✓ Yields well after grazing

**Bottom Line:** OK Corral checks every box by which the OSU Wheat Improvement Team holistically determines dual-purpose wheat adaptation. Very few HRW varieties can strike this balance.

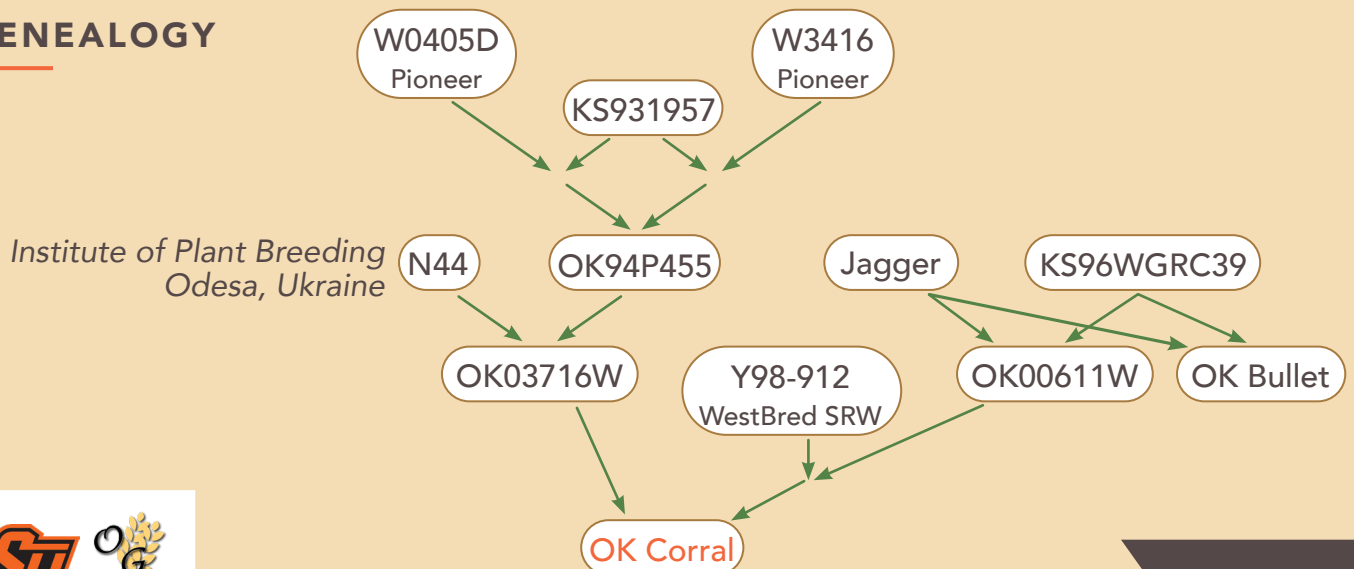
## BAR EXAM



## END-USE QUALITY

Overall Quality	Acceptable to desirable
Dough Properties	Good dough handling characteristics; good bake absorption
Baking Quality	Good mix strength and loaf volume
Milling Quality	Below-average test weight, but flour yield minimally affected

## GENEALOGY



OK CORRAL