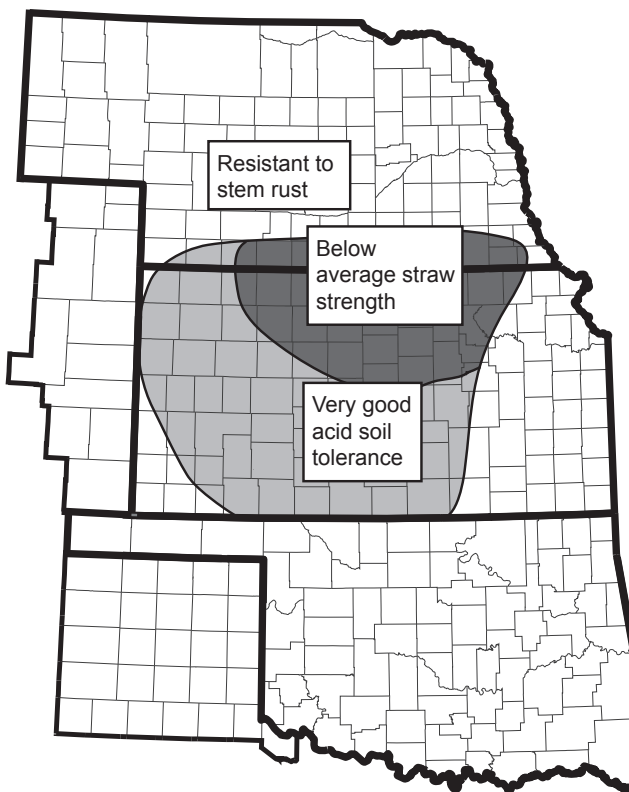


1863

Optimal economic uses:

- XX** Grain only
- Grain plus limited grazing
- Heavy grazing plus grain
- Pasture graze-out



• Developer: Kansas State University Reserach Foundation
• Pedigree: Overlay sib, Karl 92, Cutter (KS020319-7-3)
• Year Released: 2012
• Variety Protection: PVP

Characteristics

Barley yellow dwarf	Moderately Susceptible
Hessian Fly	Susceptible
Leaf Rust	Moderately Susceptible
Stem Rust	Resistant
Stripe Rust	Moderately Resistant
Powdery Mildew	Intermediate
FHB (Scab)	Very Susceptible
Septoria Leaf Blotch	Intermediate
Soilborne mosaic	Resistant
Tan Spot	Intermediate
Wheat Streak Mosaic	Intermediate
Acid Soil Tolerance	Tolerant
Coleoptile Length	Medium Short
Drought Tolerance	Good
Early Spring Greenup	Intermediate
Fall Ground Cover Capability	N/A
Fall Grazing Potential	Excellent
Height	Medium Tall
Maturity (Heading Date)	Medium
Protein	Somewhat higher than most
Quality: Baking	Very good to excellent
Quality: Milling	Exceptional
Seed Size	Medium
Shattering Reputation	Good
Straw Strength	Below Average
Test Weight	Good
Tillering	Intermediate
Winterhardiness	Good
Overall Yield Record Where Adapted	Good

Comments:

This variety from Kansas Wheat Alliance is best adapted to north central and somewhat northwest Kansas because of its medium maturity. **It has done well in south central Kansas with its very good acid soil tolerance 1863 has better stripe rust resistance and milling and baking quality than Everest, but is moderately susceptible to leaf rust.**

The yield record in variety trials has been inconsistent, topping some while showing under average in others. Field reports have been a little better than yield tests, even in south central Kansas, and is most likely due to its stripe rust resistance—and being a little later maturity to take advantage of the late rains the past couple of years. Its straw strength is below average, which can be a problem some years in high yield environments.

It has better stripe rust resistance than Everest, but it is susceptible to leaf rust. It has also done well in cold temperatures. It didn't handle the 2017-2018 drought all that well.

It tillers well, and can be late enough to escape freeze injury to take advantage of late rains.

Strengths:

- Milling and baking quality
- Good acid soil tolerance

Weaknesses:

- Susceptible to leaf rust
- Straw strength: Can lodge in good yield environments

Special notes on cultural practices:
 • Under high management, can lodge.