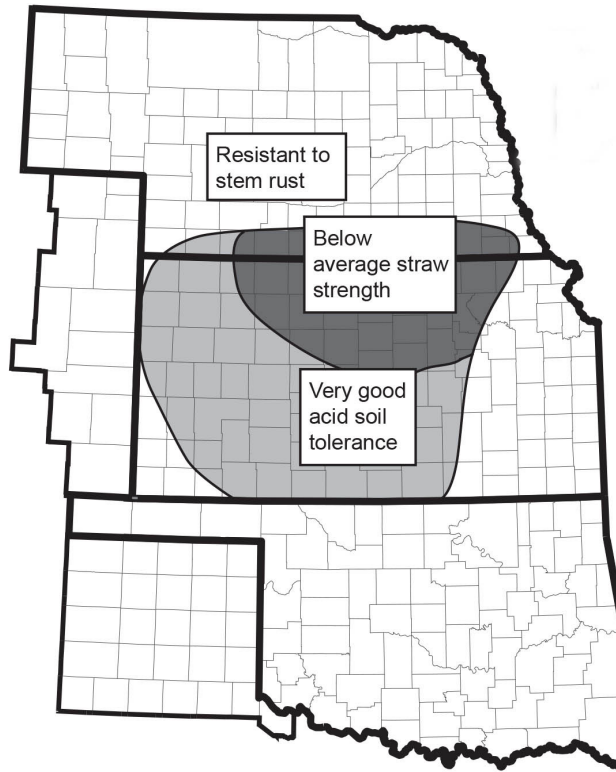


# 1863

Pedigree: Overly sib, Karl 92, Cutter  
 Variety protection status: P.V.P.  
 Year of release: 2012  
 Developer: Kansas State University

## Optimal economic uses

- Grain Only
- Grain plus limited grazing
- Heavy grazing plus grain
- Pasture graze-out



## Comments

Barley yellow dwarf	Intermediate
Hessian Fly	Susceptible
Leaf Rust	Moderately susceptible
Stem Rust	Resistant
Stripe Rust	Moderately resistant
Powdery Mildew	Intermediate
Scab	Moderately susceptible
Septoria Leaf Blotch	Intermediate
Soilborne mosaic	Moderately resistant
Tan Spot	Intermediate
Wheat Streak Mosaic	Intermediate
Acid Soil Tolerance	Tolerant
Coleoptile Length	Short
Drought Tolerance	Good
Early Spring Greenup	Intermediate
Fall Ground Cover Capability	N/A
Fall Grazing Potential	N/A
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

This K-State variety, marketed by Kansas Wheat Alliance is best adapted to north central and somewhat northwest Kansas because of its medium maturity. It has also 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 of 1863 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 good yield environments.

### Strengths:

- Milling and baking quality
- Good acid soil tolerance

### Weaknesses:

- Susceptible to leaf rust
- Can lodge in good yield environments

### Special notes on cultural practices:

- Can lodge under high management.