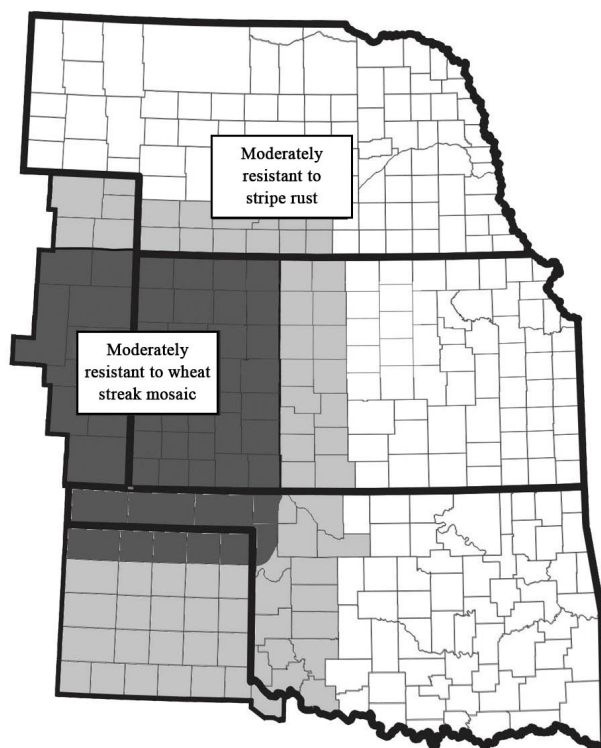


OAKLEY CL

Optimal economic uses

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



Pedigree: Above, Danby, K-State experimental
 Variety protection status: P.V.P.
 Year of release: 2013
 Developer: Kansas State University

Barley yellow dwarf	Intermediate
Hessian Fly	Moderately susceptible
Leaf Rust	Intermediate
Stem Rust	Moderately resistant
Stripe Rust	Moderately resistant
Powdery Mildew	N/A
Scab	Intermediate
Septoria Leaf Blotch	Intermediate
Soilborne mosaic	Moderately susceptible
Tan Spot	Intermediate
Wheat Streak Mosaic	Moderately resistant
Acid Soil Tolerance	Moderately susceptible
Coleoptile Length	Long
Drought Tolerance	Very good
Early Spring Greenup	Starts later than most
Fall Ground Cover Capability	N/A
Fall Grazing Potential	Average
Height	Medium tall
Maturity (Heading Date)	Medium late
Protein	Average
Quality: Baking	Very good to excellent
Quality: Milling	Acceptable
Seed Size	Medium
Shattering Reputation	Very good
Straw Strength	Average
Test Weight	Average
Tillering	High
Winterhardiness	Very good
Overall Yield Record Where Adapted	N/A

Comments

This Kansas Wheat Alliance variety is a single-gene Clearfield, red wheat with resistance to wheat streak mosaic virus. It has an excellent yield record overall, especially compared to other Clearfield varieties. It does best in western Kansas and eastern Colorado.

Oakley CL has a medium long coleoptile, very good shattering resistance, and average straw strength. It is moderately resistant to both stem and stripe rust and is intermediate to leaf rust. It had good yield records on irrigation in the 2016 K-State trials but is generally suited best for dryland production.

Strengths:

- Moderately resistant to wheat streak mosaic virus
- Moderately resistant to stem and stripe rust
- Very good drought tolerance

Weaknesses:

- Average straw strength
- Moderately susceptible to acid soils and soilborne mosaic virus

Special notes on cultural practices:

- Make sure this variety is treated as a single-gene Clearfield, not a two-gene Clearfield. otherwise, the crop can suffer severe injury.