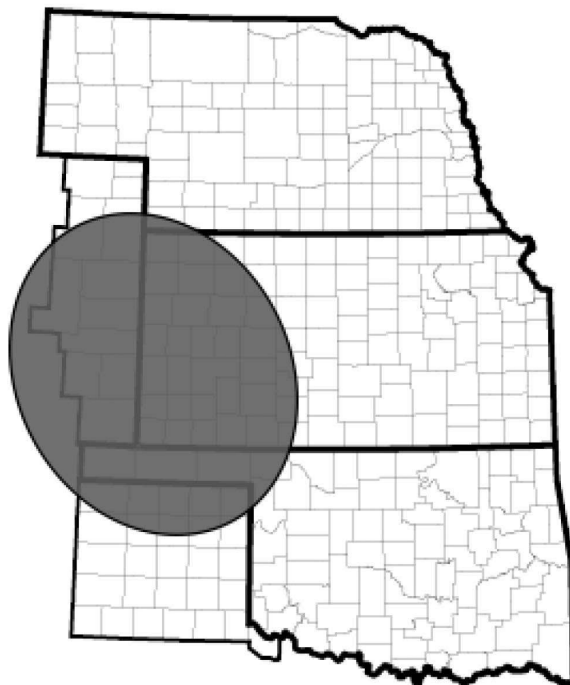


Oakley CL

Hard Red Winter Wheat

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

Characteristics

| | |
|------------------------------------|------------------------|
| Barley yellow dwarf | Intermediate |
| Hessian Fly | Susceptible |
| Leaf Rust | Intermediate |
| Stem Rust | Resistant |
| Stripe Rust | Resistant |
| Powdery Mildew | Resistant |
| 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 | Medium long |
| Drought Tolerance | Good |
| Early Spring Greenup | Starts later than most |
| Fall Ground Cover Capability | Average |
| Fall Grazing Potential | Average |
| Height | Medium tall |
| Maturity (Heading Date) | Medium late |
| Protein | Above average |
| Quality: Baking | Very good to excellent |
| Quality: Milling | Good |
| Seed Size | Medium |
| Shattering Reputation | Very good |
| Straw Strength | Average |
| Test Weight | Good |
| Tillering | High |
| Winterhardiness | Very good |
| Overall Yield Record Where Adapted | Very good |

Comments

This Kansas Wheat Alliance variety is a single-gene Clearfield, red wheat with resistance to wheat streak mosaic virus (WSM2 gene carrier).

Oakley CL has a medium long coleoptile, very good shattering resistance, and average straw strength.

In general, Oakley CL has a very strong yield record on dryland production on the High Plains—it's a good one for western Kansas—and can do well under irrigation, too. In colder years, it has shown the ability to rebound from cold injury.

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
- Susceptible to Triticum Mosaic Virus