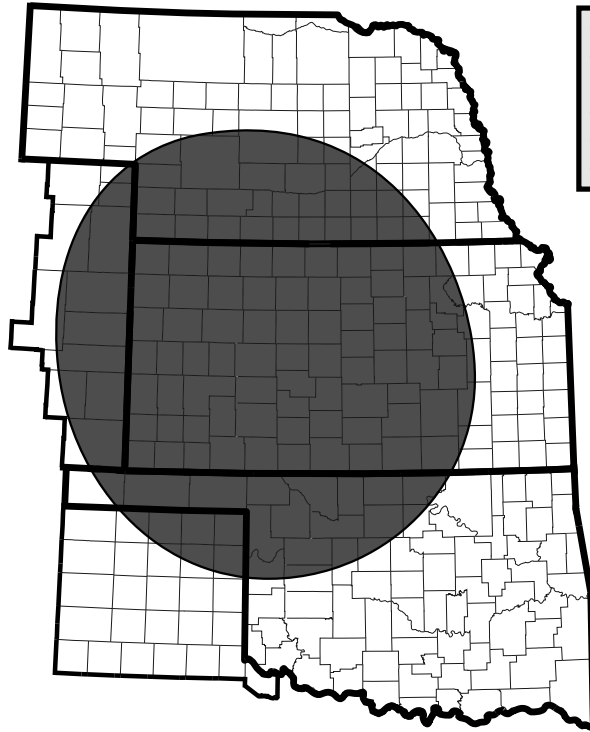


# KS WESTERN STAR

Optimal economic uses:

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



- **Licensee:** Kansas Wheat Alliance
- **Developer:** The Kansas Agricultural Experiment Station
- **Pedigree:**
- **Year Released:** 2019
- **Variety Protection:** PVP Applied



## Characteristics

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

### Comments:

KS Western Star is medium maturity and medium height with very good drought tolerance and does well central and west.

KS Western Star has moderate resistance to both stripe rust and leaf rust. It does not have the resistant gene to wheat streak mosaic virus. However, it has the wheat curl mite resistance gene and shows resistance to wheat streak mosaic virus in the field. It has the intermediate resistance to the Triticum mosaic virus, which is another virus causing the wheat streak mosaic disease. It has intermediate resistance to barley yellow dwarf virus and scab.

KS Western Star has strong straw and very good shattering tolerance. Good test weight, and good milling and baking qualities.

### Strengths:

- Very good drought tolerance
- Resistance to wheat curl mite and Triticum mosaic
- Good straw strength and good quality

### Weaknesses:

- Susceptible to Hessian fly

**Special notes on cultural practices:**

-