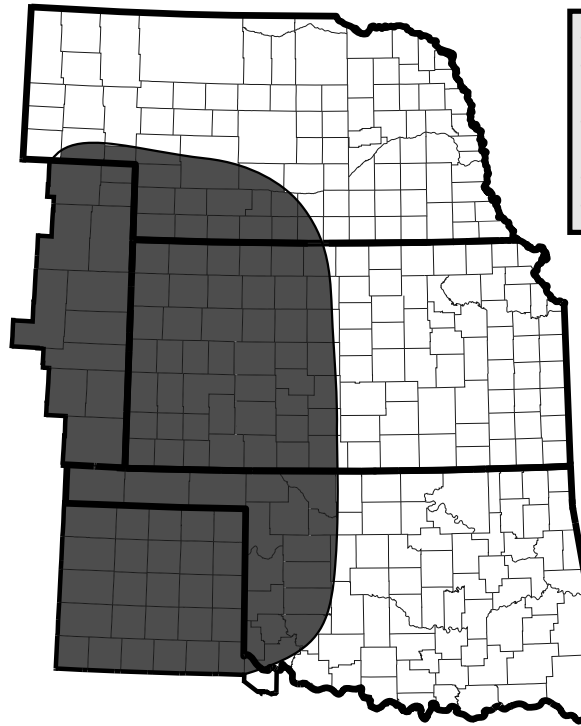


# KS DALLAS

Optimal economic uses:

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



- **Licensee:** Kansas Wheat Alliance
- **Developer:** Kansas State University Research Foundation
- **Pedigree:** KSOHW112-6, TX03A148, Danby TR
- **Year Released:** 2019
- **Variety Protection:** Pending



## Characteristics

Barley yellow dwarf	More Resistant than Most
Hessian Fly	Moderately Susceptible
Leaf Rust	Resistant
Stem Rust	Resistant
Stripe Rust	Susceptible
Powdery Mildew	Moderately susceptible
FHB (Scab)	Susceptible
Septoria Leaf Blotch	N/A
Soilborne mosaic	Susceptible
Tan Spot	N/A
Wheat Streak Mosaic	Resistant
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Acid Soil Tolerance	Susceptible
Coleoptile Length	Medium-Long
Drought Tolerance	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	Average
Seed Size	Large
Shattering Reputation	Good
Straw Strength	Average
Test Weight	Average
Tillering	Good
Winterhardiness	Good
Overall Yield Record Where Adapted	Good

## Comments:

KS Dallas is has medium maturity and medium height. It has medium-long coleoptile. It has good grain shattering tolerance. It has good adaptation in the dryland production in western Kansas and neighboring states, and has done well in trials.

KS Dallas has a strong disease package. Its wheat streak mosaic virus resistance can hold up to around 70°F, which is five degrees higher than those resistant varieties (such as Joe and Oakley CL) with Wsm2. It has very good resistance to leaf rust and stem rust. It is intermediate to stripe rust and barley yellow dwarf virus.

KS Dallas has an average test weight and good baking quality. KS Dallas is not recommended for production under irrigation or in high rainfall areas because of its average straw strength.

## Strengths:

- Resistant to WSMV at a high temperature
- Very good resistance to leaf and stem rusts
- Good baking quality

## Weaknesses:

- Susceptible to soilborne mosaic
- Susceptible to Hessian fly
- Average straw strength.

## Special notes on cultural practices:

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