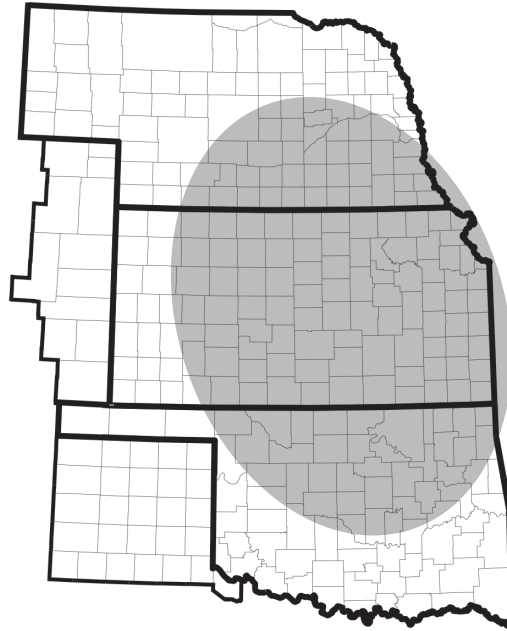


# KS PROVIDENCE

Hard Red Winter Wheat

## Optimal economic uses

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



**Pedigree:** KS060634K-8/KS040640K-1  
**Variety protection status:** Applied for  
**Year of release:** 2022  
**Developer:** Kansas State University

## Characteristics

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

## Comments

KS Providence is an extremely high yielding variety with good resistance to leaf and stem rust. It is intermediate to stripe rust, resistant to soil-borne mosaic virus and has an intermediate response to acid soils, good down to 5.5 pH. The FHB resistance will likely be adequate for producers in the central corridor. The primary benefit of this line is very high yield potential.

### Strengths:

- High yield
- Very consistent performance across the region

### Weaknesses:

- Consider use of foliar fungicide for top yield