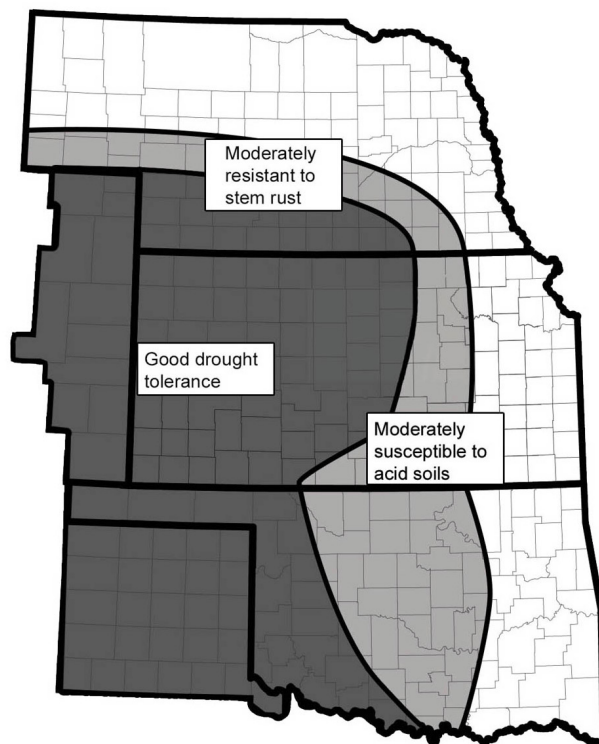


KANMARK

Optimal economic uses

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



Pedigree: CIMMYT spring wheat,
WestBred line, Karl 92 derivative
Variety protection status: P.V.P.
Year of release: 2014
Developer: Kansas State University

Comments

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

This newer K-State variety is marketed by Kansas Wheat Alliance. It is targeted primarily for western and central Kansas, especially areas west of Hutchinson and Salina. Its record has been best in western Kansas where it is regarded as a workhorse variety, but has surprised some with high yield.

Last year, it showed more stripe rust susceptibility than it had in previous years, which reduced its yields in K-State tests where stripe rust was not controlled. It is extremely susceptible to scab, and not great on acidic soils. It has shown good winterhardiness, moderate drought tolerance and very good yields under irrigation. It is a very upright wheat, and often looks thin in the field. Although it is a medium-short variety, it held its height reasonably well during the drought conditions of 2014. Excellent straw strength helped its performance through the optimal growing conditions in 2016. It could make a good component in blends.

Strengths:

- Very good drought tolerance
- Consistent performance
- Excellent straw strength

Weaknesses:

- Moderately susceptible to acid soils
- Extremely susceptible to scab
- Intermediate to moderately susceptible to stripe rust

Special notes on cultural practices:

- Not well suited for planting after corn.