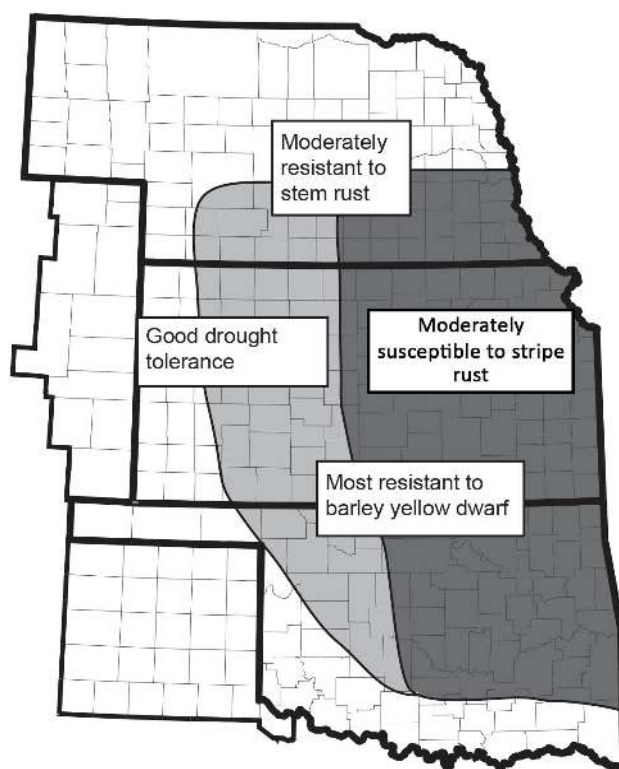


EVEREST

Optimal economic uses

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



Pedigree: Pioneer experimentals, Betty
 Variety protection status: P.V.P.
 Year of release: 2009
 Developer: Kansas State University

Comments

This variety from Kansas Wheat Alliance has better resistance or tolerance to scab than any other variety, and that worked in its favor in eastern Kansas in 2015 and 2016. It typically responds positively where stripe rust is controlled.

It remains one of the “go-to” varieties for eastern and central Kansas. Everest will need to be sprayed for either stripe rust or tan spot if those disease are a problem. In the absence of those leaf disease, it has very few other weaknesses. Everest is not a high-tillering variety and needs to get established well and tiller in the fall to make top yields. It cannot easily make up for a poor start by tillering a lot in the spring. In some years, however, its lower tillering tendency can help it survive years when stress occurs late. It will not get too lush when conditions are good early, so it stays within itself when conditions turn hot and dry late in the season. It fills well under stress, and has very good yield potential when managed.

Everest has intermediate resistance to Hessian fly and intermediate tolerance to scab, which remains one of its top redeeming qualities. It is more resistant to barley yellow dwarf than most varieties, but will become infected under moderate to heavy pressure. Everest seems to tolerate mid-season drought stress well, but does not tolerate early-season drought in the fall.

Strengths:

- Consistent performance
- Intermediate resistance to Hessian fly
- Most resistant to barley yellow dwarf

Weaknesses:

- Susceptible to tan spot
- Moderately susceptible to stripe rust
- Less desirable baking quality

Barley yellow dwarf	Moderately resistant
Hessian Fly	Intermediate
Leaf Rust	Moderately resistant
Stem Rust	Moderately resistant
Stripe Rust	Moderately susceptible
Powdery Mildew	Moderately resistant
Scab	Intermediate
Septoria Leaf Blotch	Intermediate
Soilborne mosaic	Resistant
Tan Spot	Moderately susceptible
Wheat Streak Mosaic	Moderately susceptible
Acid Soil Tolerance	Tolerant
Coleoptile Length	Medium
Drought Tolerance	Good
Early Spring Greenup	Intermediate
Fall Ground Cover Capability	Good
Fall Grazing Potential	Average
Height	Medium
Maturity (Heading Date)	Early
Protein	Average
Quality: Baking	Less desirable
Quality: Milling	Exceptional
Seed Size	Large
Shattering Reputation	Good
Straw Strength	Very good
Test Weight	Good
Tillering	Intermediate
Winterhardiness	Very good
Overall yield record where adapted	Very good