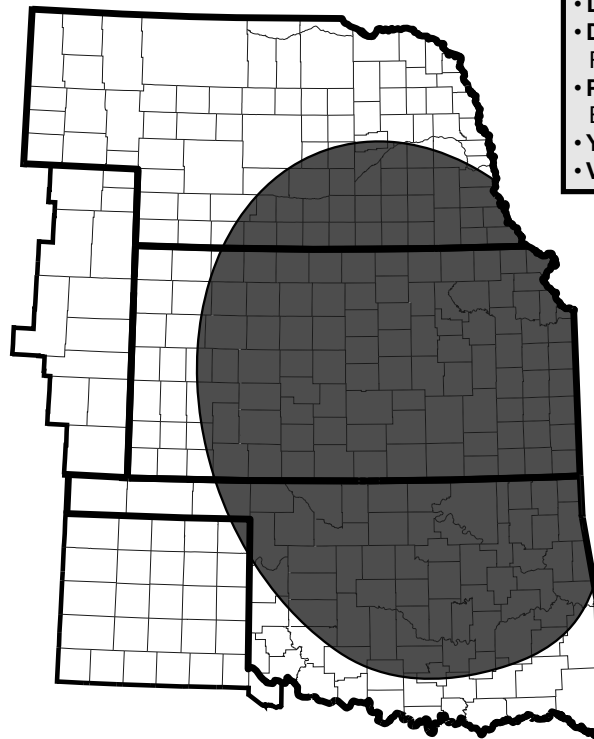


EVEREST

Optimal economic uses:

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



- **Licensee:** Kansas Wheat Alliance
- **Developer:** Kansas State University Research Foundation
- **Pedigree:** Pioneer experimentals, Betty white wheat (KS970093-8-9-#1)
- **Year Released:** 2009
- **Variety Protection:** PVP

Characteristics

Barley yellow dwarf	Most Resistant
Hessian Fly	Intermediate
Leaf Rust	Moderately Resistant
Stem Rust	Moderately Resistant
Stripe Rust	Susceptible
Powdery Mildew	Moderately Resistant
FHB (Scab)	Intermediate
Septoria Leaf Blotch	Intermediate
Soilborne mosaic	Resistant
Tan Spot	Susceptible
Wheat Streak Mosaic	Moderately Susceptible
Acid Soil Tolerance	Tolerant
Coleoptile Length	Medium
Drought Tolerance	Average
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
Wheat Quality Council Tested	2016
Overall Yield Record Where Adapted	Very Good

Comments:

Everest is the benchmark for tolerance to FHB (an Intermediate rating is as good as it gets for scab tolerance), and has been among the most-planted varieties for many years.

Everest will need to be sprayed for either stripe rust or tan spot if those diseases are a problem. In the absence of those leaf diseases, it has very few other weaknesses where adapted.

Everest relies more heavily on its fall tillering capacity for its yield potential, and benefits from good fall establishment. It is not a high-tillering variety. It needs to get established well and tiller in the fall to make top yields. In some years, however, its lower tillering tendency can help it survive years when stress occurs late.

Everest seems to tolerate mid-season drought stress well, but is more sensitive to early-season drought in the fall. It fills well under stress and has very good yield potential when managed.

It is in the top group for resistance to barley yellow dwarf but symptoms will still be seen under heavy pressure.

Strengths:

- Consistent performance
- Among highest rated tolerance to scab, good following corn
- Most resistant to barley yellow dwarf

Weaknesses:

- Susceptible to tan spot
- Less desirable baking quality
- Susceptible to stripe rust, but responds well to fungicide