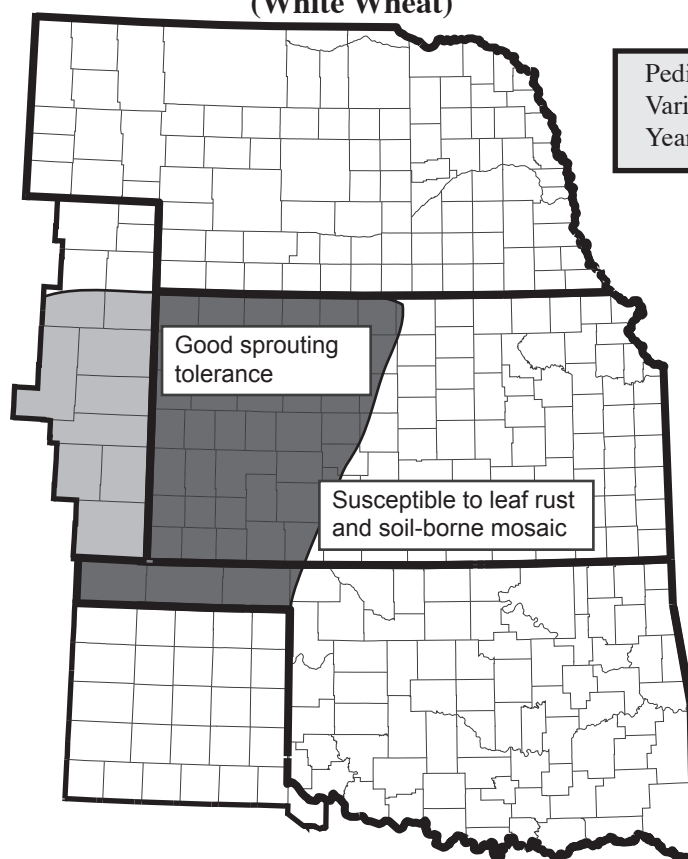


DANBY

(White Wheat)

Optimal economic uses:

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



Pedigree: Trego, Jagger sib
Variety protection status: PVP
Year of release: 2005

Characteristics

Barley yellow dwarf: Susceptible
Hessian fly: Susceptible
Leaf rust: Susceptible
Powdery mildew: Moderately susceptible
Scab: Moderately susceptible
Septoria leaf blotch: Moderately susceptible
Soil-borne mosaic: Moderately susceptible
Stem rust: Resistant
Stripe rust: Susceptible
Tan spot: Susceptible
Wheat streak mosaic: Intermediate

Acid soil tolerance: Moderately susceptible
Coleoptile length: Medium short
Drought tolerance: Very good
Early spring greenup: Starts later than most
Fall ground cover capability: Average
Grazing potential in fall: Good
Height: Medium tall
Maturity (heading date): Medium late
Protein: Somewhat lower than most
Quality-Baking: Less desirable
Quality-Milling: Exceptional
Seed size: Large
Shattering reputation: Very good
Straw strength: Below average
Test weight: Very good
Tillering: Very good
Winterhardiness: Very good
Overall yield record where adapted: Good

Comments

This is a white wheat from the Kansas Wheat Alliance. Danby has good sprouting tolerance. Its yields in the 2011 K-State yield test were above average, overall, with some very good yields. It is susceptible to the new race of stripe rust, which hurt its yields in the 2010 K-State tests. It has very good drought tolerance and good tolerance to wheat streak mosaic. It is susceptible to leaf rust and moderately susceptible to soil-borne mosaic, which limits its use to western Kansas and possibly the Oklahoma Panhandle.

Danby has below-average straw strength. With its good sprouting tolerance, Danby takes some of the risk out of growing white wheat. Its milling quality is exceptional, but its baking quality is less desirable. It is often reported to be hard to thresh.

Strengths:

- Good sprouting tolerance
- Intermediate to wheat streak mosaic

Weaknesses:

- Susceptible to leaf rust and stripe rust
- Moderately susceptible to soil-borne mosaic
- Below-average straw strength

Special notes on cultural practices:

- Do not use in areas with soil-borne mosaic.
- Can lodge under high management.