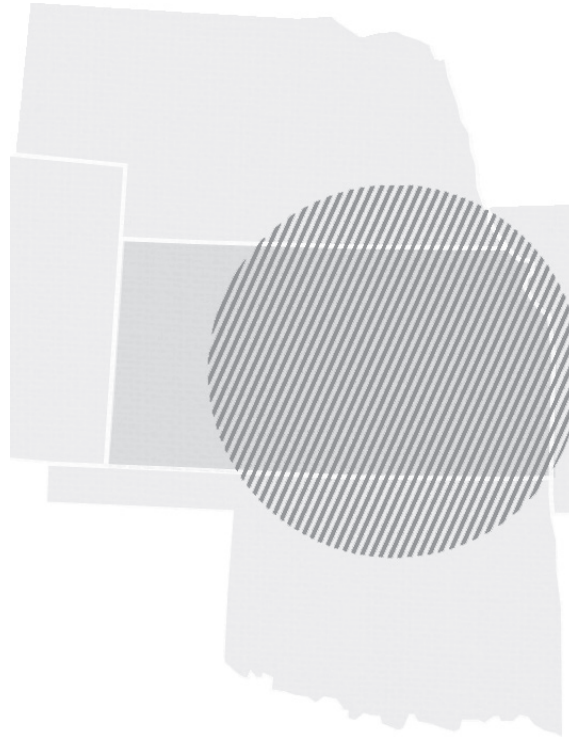


KS HATCHETT

KS090049K-8
Hard Red Winter Wheat

Optimal economic uses

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



Pedigree: Duster/Overley*3/
Amadina
Variety protection status:
contemplated
Year of release: 2020
Developer: Kansas State University

Characteristics

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

Comments

KS Hatchett is an early maturing (about a day later than Everest) hard red winter wheat with acceptable straw strength, very good resistance to leaf and stem rusts and good test weight. It has performed well across widely disparate growing seasons and has significant quality advantages over Zenda.

Its high tillering ability and earlier maturity make it a preferred choice following soybeans throughout the central corridor. It also offers Hessian fly resistance and an effective level of acid soil tolerance that many varieties in the central region lack.

Strengths:

- Excellent yield potential from high tillering
- Strong and durable leaf rust resistance
- Early maturity for double-cropping situations

Weaknesses:

- Susceptible to FHB (comparable to SY Monument)
- Foliar fungicide recommended for stripe rust
- Lodging potential under intensive management