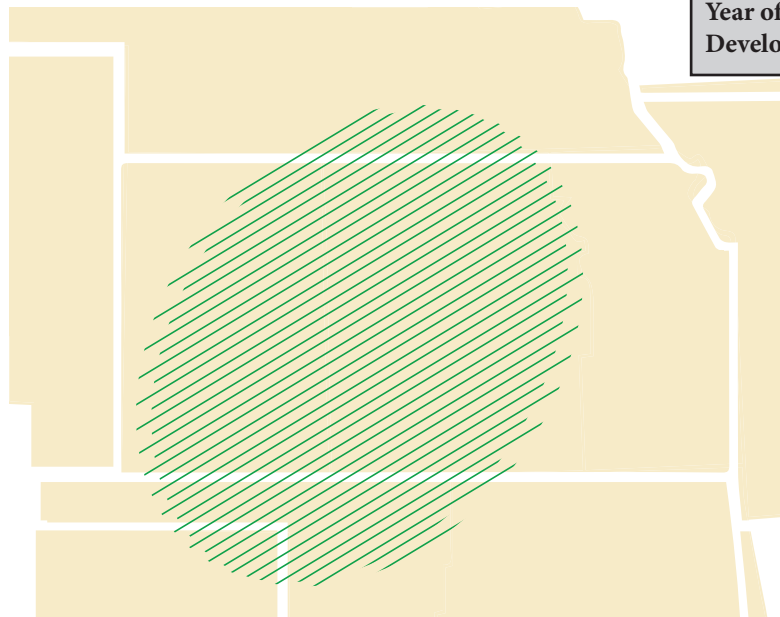


KS MAKO

Hard Red Winter Wheat

Optimal economic uses

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



Pedigree: LCS Chrome/3/KS030810NT-9/90RN2491//3*KS020617~9
Variety protection status: Applied for
Year of release: 2023
Developer: Kansas State University

Characteristics

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

Comments

KS Mako is a high yielding wheat variety out of the K-State Manhattan breeding program. It is medium maturity and medium height with Jagger and LCS Chrome in its pedigree. This variety will have a yield performance similar to KS Providence and other top yielding varieties in the central KS corridor and has also performed well in western KS with decent drought tolerance. KS Mako has very good quality and above average protein at a given yield level. It carries the Wsm2 gene, giving it some of the best wheat streak mosaic virus resistance for a Central KS-adapted wheat variety. KS Mako is intermediate to moderately susceptible to leaf and stripe rust and susceptible to FHB. It will be a solid companion variety to KS Providence with quality that should get it on preferred variety lists.

Strengths:

- Good drought tolerance with competitive yield
- Some of the best Wheat Streak Mosaic Virus resistance in a Central Kansas-adapted variety
- Strong protein deviation with good quality