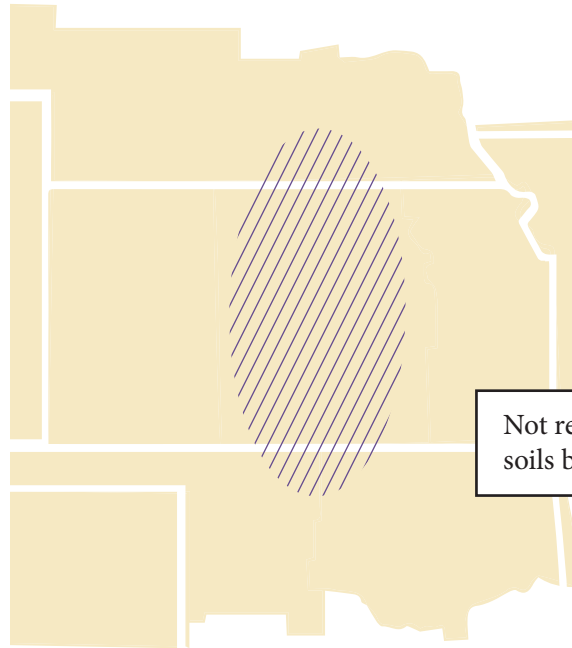


KS AHEARN

KS12DH0156-88
Hard Red Winter Wheat

Optimal economic uses

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



Pedigree: KS040477K-12/Gallagher
Variety protection status: Contemplated
Year of release: 2021
Developer: Kansas State University

Characteristics

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

Comments

KS Ahearn (KS12DH0156-88) is a medium-late maturing hard red winter wheat with excellent straw strength, good resistance to leaf, stripe and stem rusts and acceptable test weight. It has had excellent yield potential and has performed well across widely disparate growing seasons. Its quality is acceptable and carries the 1B.1R wheat-rye translocation that came from Gallagher.

Overall, this line is a good option for central Kansas producers. KS Ahearn has been rated as susceptible in inoculated FHB nurseries but, in the more moderate field pressure observed in 2019, it appeared to have less FHB damage than some popular cultivars, including SY Monument.

It has reasonably good resistance to the three major rust pathogens but has still performed better under fungicide treatment. It has averaged 2.5-2.0 bu/ac more than SY Monument and slightly better than Bob Dole.

The acid soil tolerance is only intermediate and is similar to Gallagher. Therefore, it is not recommended for situations where pH values are 5.5 or less.

Strengths:

- Excellent yield potential
- Stability of performance across very different growing seasons
- Good resistance to rust diseases