

# KS HAMILTON

KS15H137-2  
Hard Red Winter Wheat

## Optimal economic uses

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



**Pedigree:** KS08HW176-4/Bill Brown/KS08HW61-2  
**Variety protection status:** contemplated  
**Single Season Use:** contemplated  
**Year of release:** 2020  
**Developer:** Kansas State University

## Characteristics

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

## Comments

KS Hamilton is a hard red winter wheat with medium maturity with a similar heading date as KS Western Star and three days later than T158. It is medium height, slightly shorter than KS Dallas. It has moderate shattering resistance with average straw strength, which is similar to KS Dallas and T158.

KS Hamilton has good resistance to wheat streak mosaic virus, stem rust, soilborne mosaic virus, and Hessian fly; and intermediate reactions to stripe rust and leaf rust. Its WSMV resistance can hold up to 21°C/70°F, which is similar to KS Dallas and three degrees higher than those resistant varieties with WSM2 gene.

### Strengths:

- Superior resistance to WSMV
- High yield potential
- Hessian fly resistance

### Weaknesses:

- Medium-short coleoptile