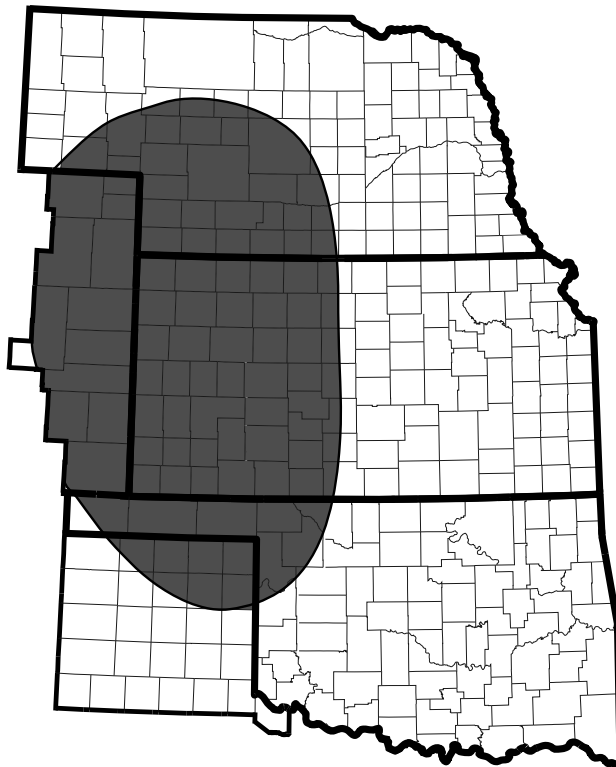


# KS HAMILTON

**Optimal Uses**

<b>XX</b>	Grain only
<b>X</b>	Grain plus limited grazing
	Heavy grazing plus grain
	Pasture graze-out



- **Licensee:** Kansas Wheat Alliance
- **Developer:** The Kansas Agricultural Experiment Station, Hays
- **Pedigree:** KS08HW176-4//Bill Brown•
- **Year Released:** 2020
- **Variety Protection:** PVP Applied



## Characteristics

Barley yellow dwarf	Intermediate
Hessian Fly	Resistant
Leaf Rust	Intermediate
Stem Rust	Moderately Resistant
Stripe Rust	Intermediate
Powdery Mildew	N/A
FHB (Scab)	N/A
Septoria Leaf Blotch	N/A
Soilborne mosaic	Resistant
Tan Spot	N/A
Wheat Streak Mosaic	Resistant
Acid Soil Tolerance	Intermediate
Coleoptile Length	Medium
Drought Tolerance	Good
Early Spring Greenup	N/A
Fall Ground Cover Capability	N/A
Fall Grazing Potential	N/A
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 (KS15H137) is a medium maturity hard red winter wheat with a similar heading date as KS Western Star and three days later than T158. It has moderate shattering resistance with average straw strength, similar to KS Dallas and T158. The variety is suited to western Kansas and Eastern Colorado.

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 warmer than those resistant varieties with the WSM2 gene.

Strengths include high yield, WSMV resistance, and Hessian fly resistance.

**Special notes on cultural practices:**

-