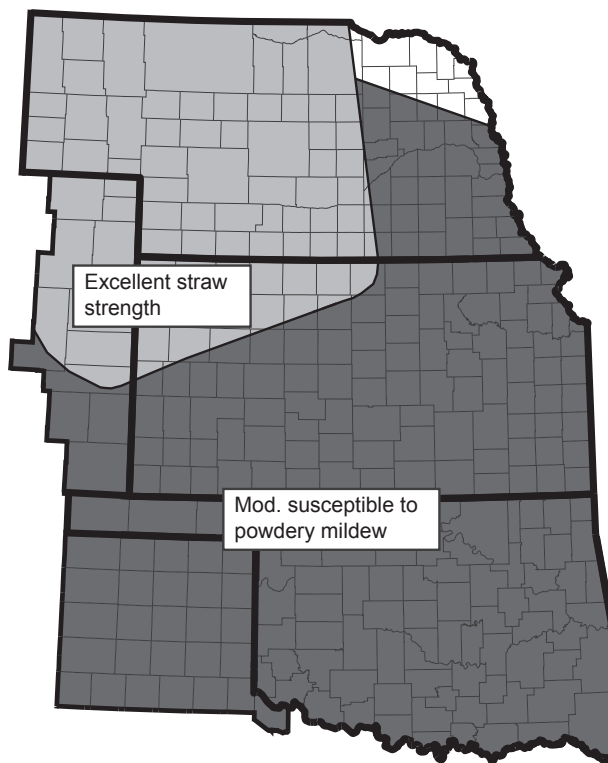


WB4458

Optimal economic uses:

- XX** Grain only
- X** Grain plus limited grazing
- X** Heavy grazing plus grain
- Pasture graze-out



- **Developer:** WestBred, Monsanto Technology
- **Pedigree:** Overley, WestBred experimentals, (HV9W07-1454)
- **Year Released:** 2013
- **Variety Protection:** PVP

Characteristics

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

Comments:

This variety from WestBred is a proven performer, especially in central Kansas and Oklahoma. WB4458 should be used on better dryland acres. It should not be planted on very tough dryland fields. It can handle drought well, but it doesn't have as much drought tolerance as Winterhawk.

WB4458 is an medium-maturing variety with excellent straw strength and medium height. Best planted before or near optimal planting dates. Later dates could require higher seeding rates.

WB4458 may look a little thin at times. Stem density is not as great as some varieties but yields are quite good due to test weight, seed size, and seed count per head.

Its leaf disease package is not very strong, so a fungicide application may be needed if stripe rust or leaf rust is a problem. It has very good staygreen capability, keeping its leaves greener than most through periods of stress.

Strengths:

- Excellent yield record
- Excellent straw strength and standability
- Very good drought tolerance
- High Protein

Weaknesses:

- Leaf rust
- Less desirable baking quality
- FHB susceptibility

- Special notes on cultural practices:**
- Best suited for good dryland fields.
 - Watch seed population due to large seed size
 - Do not plant too early unless you plan on grazing