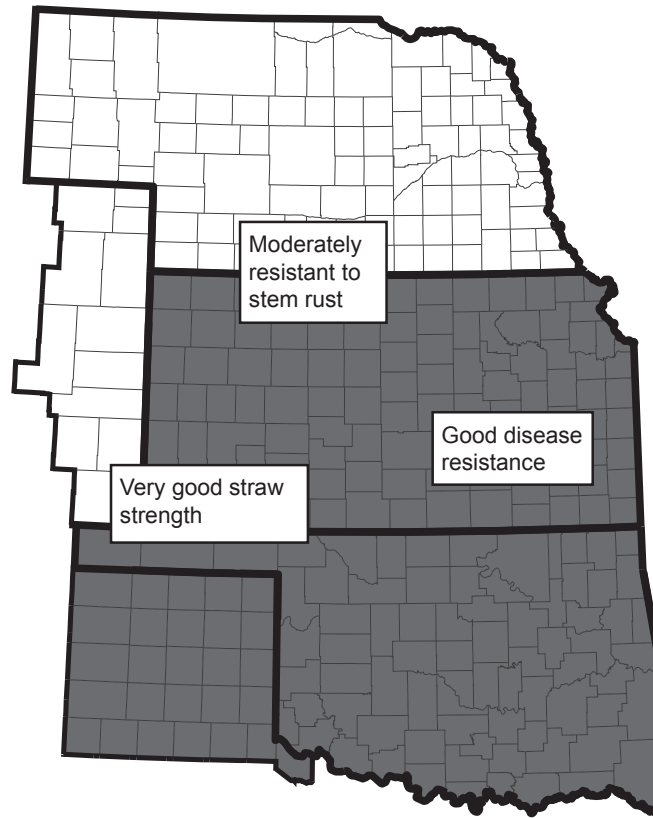


TAM 304

Optimal economic uses:

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



- **Developer:** Texas AgriLife Research
- **Pedigree:** Pioneer germplasm, Arkan, Experimentals
- **Year Released:** 2007
- **Variety Protection:** PVP

Characteristics

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

Comments:

This variety is marketed by Scott Seed in Hereford, Texas. In K-State, OSU, and Texas A&M High Plains tests, TAM 304 has shown consistently good yield potential. There are notable results from the 2016 irrigated locations in Western Kansas. Its yield record in tests was not as good in 2015 as in previous years, in part because of stripe rust infections in 2015. It did survive the cold temperatures well in 2015, however.

TAM 304 has very good leaf rust resistance and green leaf duration. It is moderately susceptible to stripe rust. It has average drought tolerance. TAM 304 can have below-average test weights under stress conditions. It has low tillering, and may not be able to recover well from early spring drought or freeze. On the flip side, it won't be likely to get too thick if conditions are good early and then "burn up" if it gets dry late in the season.

Strengths:

- Tolerant to acid soils
- Resistant to leaf rust
- Excellent yield record under irrigation
- Excellent grazing potential

Weaknesses:

- Moderately susceptible to wheat streak mosaic
- Only average drought tolerance

Special notes on cultural practices:

- Use under good growing conditions.