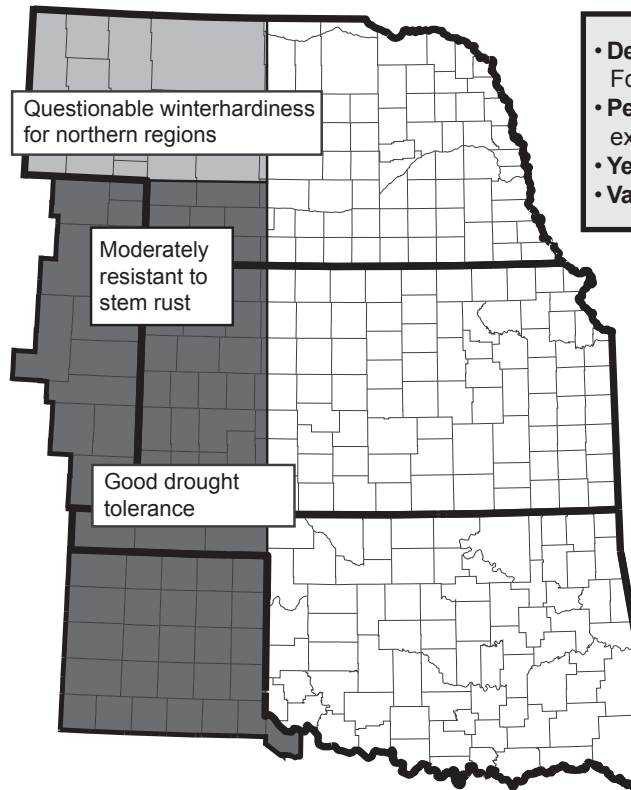


HATCHER

Optimal economic uses:

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



- **Developer:** Colorado Wheat Research Foundation, CSU
- **Pedigree:** Yumar, Vista, TAM 200, experimentals (CO980607)
- **Year Released:** 2004
- **Variety Protection:** PVP

Characteristics

Barley yellow dwarf	Susceptible
Hessian Fly	Moderately Susceptible
Leaf Rust	Moderately Susceptible
Stem Rust	Moderately Resistant
Stripe Rust	Intermediate
Powdery Mildew	Moderately Resistant
FHB (Scab)	Susceptible
Septoria Leaf Blotch	Intermediate
Soilborne mosaic	Moderately Susceptible
Tan Spot	Intermediate
Wheat Streak Mosaic	Susceptible
Acid Soil Tolerance	Intermediate
Coleoptile Length	Medium
Drought Tolerance	Good
Early Spring Greenup	Starts later than most
Fall Ground Cover Capability	Very Good
Fall Grazing Potential	Good
Height	Medium Short
Maturity (Heading Date)	Medium Late
Protein	Somewhat lower than most
Quality: Baking	Very good to excellent
Quality: Milling	More desirable
Seed Size	Medium
Shattering Reputation	Very Good
Straw Strength	Average
Test Weight	Average
Tillering	High
Winterhardness	Below Average
Overall Yield Record Where Adapted	Good

Comments:

This variety from PlainsGold is a good variety in eastern Colorado, although Byrd has generally shown higher yield potential and better drought tolerance. Yield results in both tests and production fields have been relatively consistent. Its overall stress tolerance is a notch below that of TAM 112. Hatcher has good overall drought tolerance, but doesn't seem to tolerate high temperature stress conditions during grain fill quite as well as TAM 112. Hatcher needs some moisture coming out of winter to do really well. It does not yield as well as Byrd or Bill Brown in years with a very dry winter and spring.

Hatcher has a tendency to show leaf flecking or yellowing. This makes the variety look sick, but yields remain very good despite the appearance. The leaf flecking or yellowing appears to be a physiological response by the plants to some environmental factor. It has medium-late maturity and medium-short height, but below-average straw strength. It is susceptible to wheat streak mosaic. Hatcher has a "slow rusting" reaction to leaf rust, and rated as moderately susceptible. It is intermediate to stripe rust. Hatcher can be somewhat hard to thresh, but it tolerates hail better than most.

Strengths:

- Milling and baking quality
- Consistent yield record

Weaknesses:

- Susceptible to wheat streak mosaic
- Below-average straw strength