DENALI

Optimal economic uses:

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

Moderately resistant to stem rust

Medium late maturity

Susceptible to stripe rust
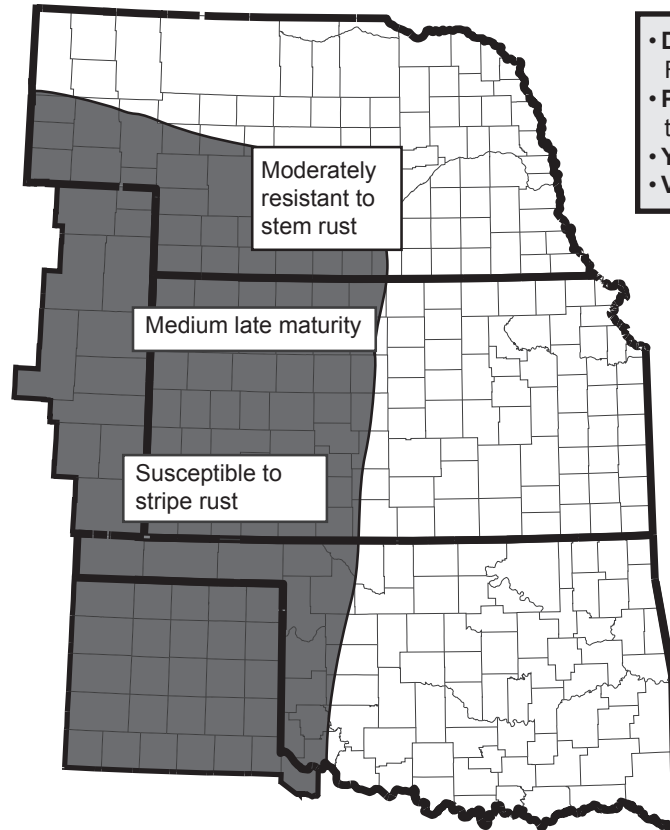
- **Developer:** Colorado Wheat Research Foundation , CSU
- **Pedigree:** TAM 111, experimental that is half Yumar (CO050303-2)
- **Year Released:** 2011
- **Variety Protection:** PVP

Characteristics

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

Comments:

Denali was released in 2011 by Colorado State University and is marketed under the PlainsGold brand in Colorado and in Kansas by Kansas Wheat Alliance.

With TAM 111 in its pedigree, Denali is suited to the High Plains of western Kansas and eastern Colorado. It has excellent test weight and good drought tolerance—but not as good as that of some other varieties. It doesn't seem to tolerate early spring heat as well as TAM 112. It may be best suited for average to good dryland fields, not the toughest fields. Denali has a long coleoptile and very good shattering reputation. It is susceptible to wheat streak mosaic, however.

It appears to be photo-period sensitive, meaning its maturity relative to others can vary somewhat from year to year.

Strengths:
- Moderately resistant to stem rust
- Very good test weight
- Long coleoptile

Weaknesses:
- Susceptible to stripe rust
- Moderately susceptible to leaf rust
- Moderately susceptible to wheat streak mosaic

Special notes on cultural practices:
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