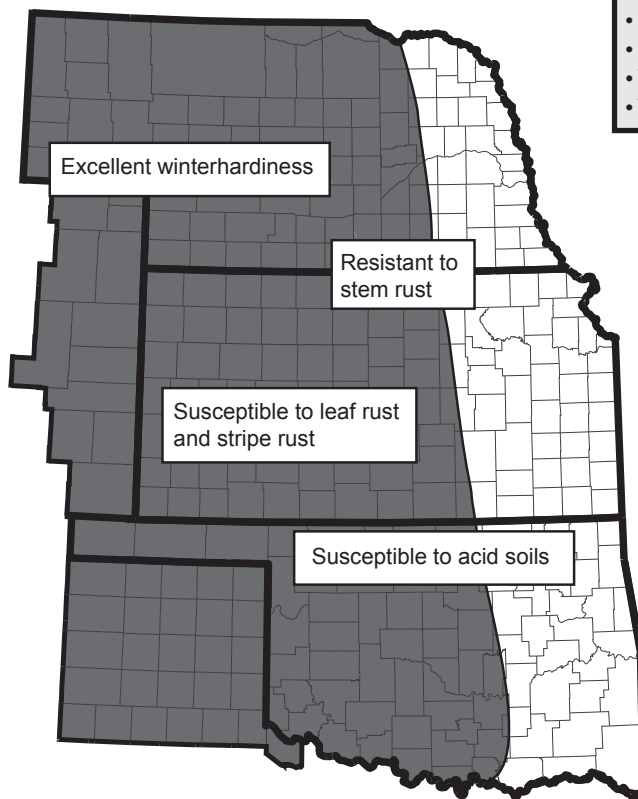


# AP503 CL2

**Optimal economic uses:**

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



- **Developer:** AgriPro/Syngenta Seeds
- **Pedigree:** Jagalene genetics, Above sib
- **Year Released:** 2008
- **Variety Protection:** PVP

## Characteristics

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

### Comments:

This variety from AgriPro is a two-gene Clearfield variety. By having two genes for herbicide tolerance, AP503 CL2 has much better tolerance to Beyond herbicide than one-gene Clearfield varieties. You can also use methylated seed oil (MSO) with Beyond when making the herbicide application to this variety, which can improve control of feral rye, cheatgrasses, jointed goatgrass, and other problem grasses.

AP503 CL2 has gained in popularity in a broad region of the Central Plains because of the enhanced level of grass control possible.

This variety typically has a very slow start in the spring after winter dormancy. To be sold only as a class of certified seed.

### Strengths:

- Two-gene tolerance to Beyond herbicide
- Very good straw strength

### Weaknesses:

- Susceptible to leaf rust and stripe rust
- Slow growth in spring
- Susceptible to acid soils

- Special notes on cultural practices:**
- Two-gene Clearfield, Certified Seed Only