

DELIVER

Characteristics

Barley yellow dwarf: Susceptible
Hessian fly: Intermediate
Leaf rust: Resistant
Powdery mildew: Resistant
Septoria leaf blotch: Moderately resistant
Soil-borne mosaic: Resistant
Stripe rust: Resistant
Tan Spot: Intermediate
Wheat streak mosaic: Moderately susceptible

Ability to fill from stem: Good
Ability to hold dormancy: Intermediate
Acid soil tolerance: Moderately susceptible
Coleoptile length: Medium short
Drought tolerance: Good
Fall ground cover capability: Very good
Grazing potential in fall: Good
Height: Medium
Maturity: Medium
Milling and baking quality: Acceptable
Protein: Average
Seed size: Large
Shattering reputation: Good
Straw strength: Fair
Test weight: Good
Winterhardiness: Below average
Yield potential where adapted: Good

Pedigree: Karl, Chisholm, experimentals
Variety protection status: PVP
Year of release: 2004

Comments

This is a beardless wheat from Oklahoma State University. Its grain yield record has been inconsistent in OSU, K-State, and Texas A&M yield tests, although it had better results in 2007 than in previous years, overall. In previous years, yields have ranged from near to top of the test to far below average, with no apparent pattern.

Deliver is gaining popularity primarily in western regions of the Central Plains, especially with farmers who want the option to graze out the wheat or cut it for hay and go to another crop later in the spring.

Strengths:

- Extended spring grazing season
- Beardless
- Good test weight
- Good leaf rust and stripe rust resistance
- Good shattering reputation

Weaknesses:

- Moderately susceptible to acid soils
- Only fair straw strength
- Very susceptible to barley yellow dwarf

Special notes on cultural practices:

- Late first hollow stem stage means it can be grazed longer into the spring than varieties such as Jagger or OK Bullet, without affecting yields.
- Can be hayed or grazed out if necessary.