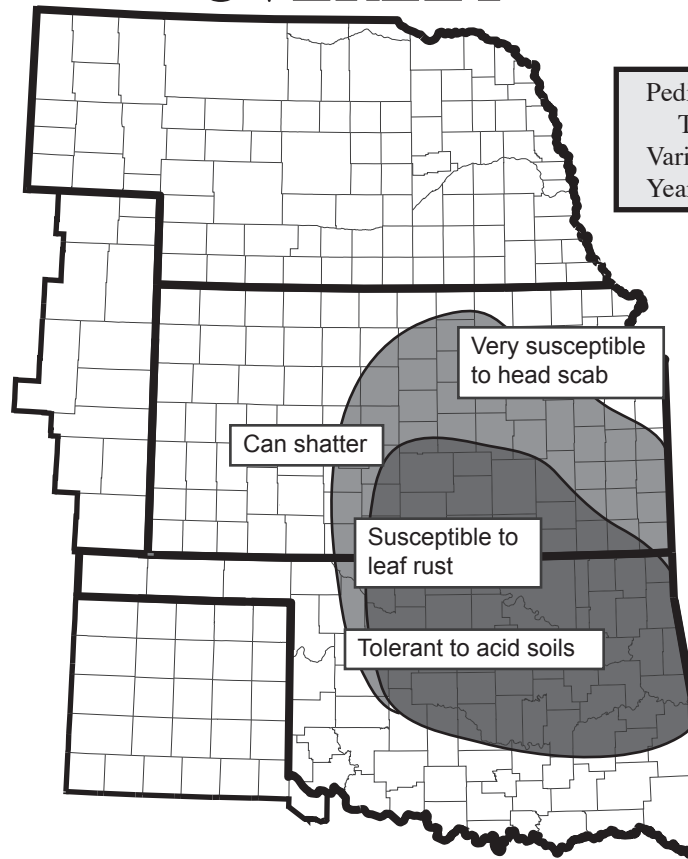


# OVERLEY

## Optimal economic uses:

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



Pedigree: Jagger, Heyne, modified  
 TAM 107  
 Variety protection status: PVP  
 Year of release: 2003

## Characteristics

- Barley yellow dwarf:** Intermediate
  - Hessian fly:** Susceptible
  - Leaf rust:** Susceptible
  - Powdery mildew:** Moderately susceptible
  - Scab:** Very susceptible
  - Septoria leaf blotch:** Intermediate
  - Soil-borne mosaic:** Resistant
  - Stem rust:** Moderately resistant
  - Stripe rust:** Intermediate
  - Tan spot:** Intermediate
  - Wheat streak mosaic:** Intermediate
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- Acid soil tolerance:** Tolerant
  - Coleoptile length:** Medium short
  - Drought tolerance:** Good
  - Early spring greenup:** Starts earlier than most
  - Fall ground cover capability:** Good
  - Grazing potential in fall:** Average
  - Height:** Medium tall
  - Maturity (heading date):** Early
  - Protein:** Somewhat higher than most
  - Quality-Baking:** Exceptional
  - Quality-Milling:** Exceptional
  - Seed size:** Very large
  - Shattering reputation:** Poor
  - Straw strength:** Good
  - Test weight:** Good
  - Tillering:** Below average
  - Winterhardiness:** Fair
  - Overall yield record where adapted:** Good

## Comments

This Kansas Wheat Alliance variety still has good yield potential where it's best adapted, in south central Kansas and Oklahoma. Its yield record in 2011 was better in Oklahoma, overall, than in Kansas. It can be hurt by scab, freeze injury, and leaf rust. Overley is intermediate to the new race of stripe rust, which is a bit better than most other Jagger-type varieties. It shines on low-pH soils. In north central and northeast Kansas, it can do well but has also taken big yield hits at times from scab. In western Kansas, it has had shattering problems. Overley is strongest now in far south central Kansas and Oklahoma, where head scab and shattering are not big problems, and on acid soils.

Overley does not tiller well. If it suffers freeze damage, it may not recover as quickly as better-tillering varieties. Overley has very large seed and medium-large heads. It can get tall and lodge under good conditions. It is also well suited to continuous, no-till wheat systems in that region because of its tan spot tolerance.

In southern areas, Overley should be planted late to help keep it from breaking dormancy too early in the spring. Also, it doesn't germinate well in hot soils. Overley doesn't get off to as fast a start in the fall as Jagger, but has better yield potential.

### Strengths:

- Exceptional milling and baking quality
- Good acid soil tolerance

### Weaknesses:

- Very susceptible to head scab
- Prone to shattering
- Susceptible to leaf rust
- Can break dormancy early in spring