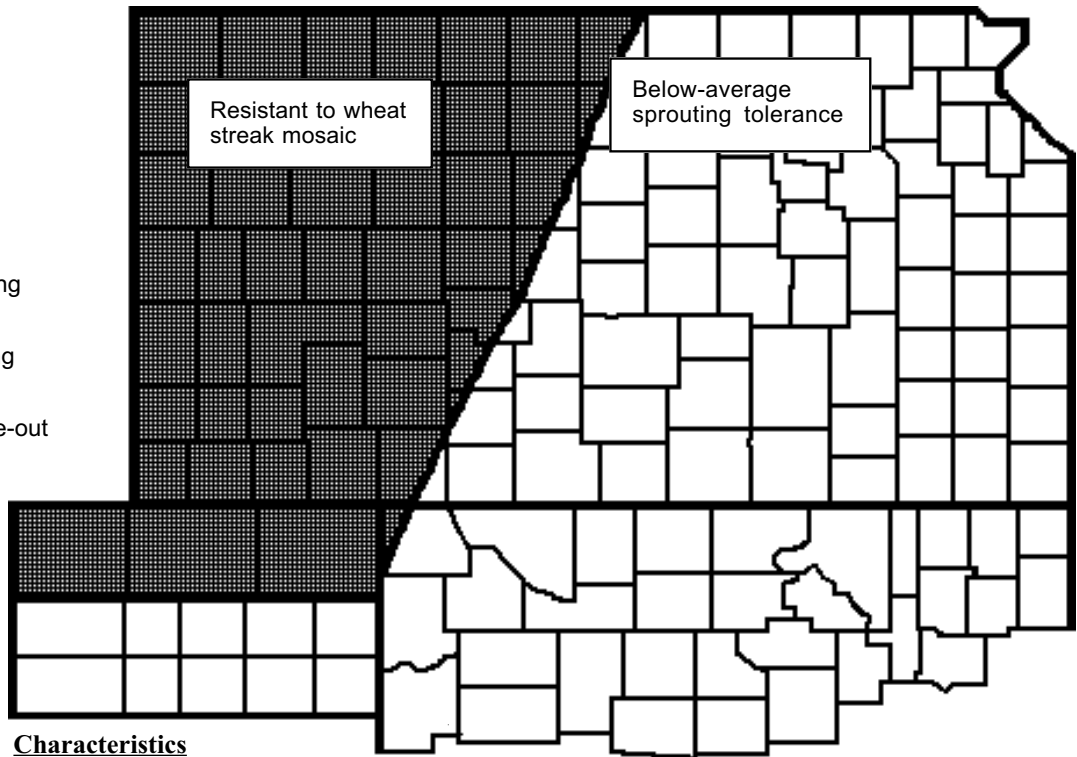


# RONL

(White Wheat)

**Optimal economic uses:**

- xx Grain only
- Limited grazing plus grain
- Heavy grazing plus grain
- Pasture graze-out



**Characteristics**

**Comments**

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

**Ability to fill from stem:** N/A  
**Ability to hold dormancy:** Good.  
**Acid soil tolerance:** Susceptible.  
**Coleoptile length:** Medium.  
**Drought tolerance:** Good.  
**Fall ground cover capability:** Average.  
**Grazing potential in fall:** Average.  
**Height:** Medium.  
**Maturity:** Medium late.  
**Milling and baking quality:** Exceptional.  
**Protein:** Below average.  
**Seed size:** Small.  
**Shattering reputation:** Very good.  
**Sprouting tolerance:** Below average.  
**Straw strength:** Fair.  
**Test weight:** Very good.  
**Winterhardiness:** Very good.  
**Yield potential where adapted:** Very good.

**Pedigree:** Trego, Colorado experimental.  
**Variety protection status:** PVP  
**Year of release:** 2006

This is a hard white wheat from K-State's Hays breeding program. RonL is the first of a new generation of wheat varieties with genetic resistance to wheat streak mosaic. This resistance is effective during periods of cool temperatures, when the average of daytime highs and nighttime lows is less than 70 degrees. During warmer temperatures, RonL can be affected by the wheat streak virus, if the wheat is still in the vegetative stage.

RonL has below-average sprouting tolerance. It is adapted to western Kansas dryland production. RonL is named after Ron Livers, a former K-State wheat breeder at the Hays Experiment Station.

**Strengths:**

- Resistant to wheat streak mosaic during periods of cool temperatures
- Moderately resistant to stripe rust

**Weaknesses:**

- Moderately susceptible to leaf rust
- Only fair straw strength
- Below-average sprouting tolerance

**Special notes on cultural practices:**

- Do not plant early during periods of hot weather.