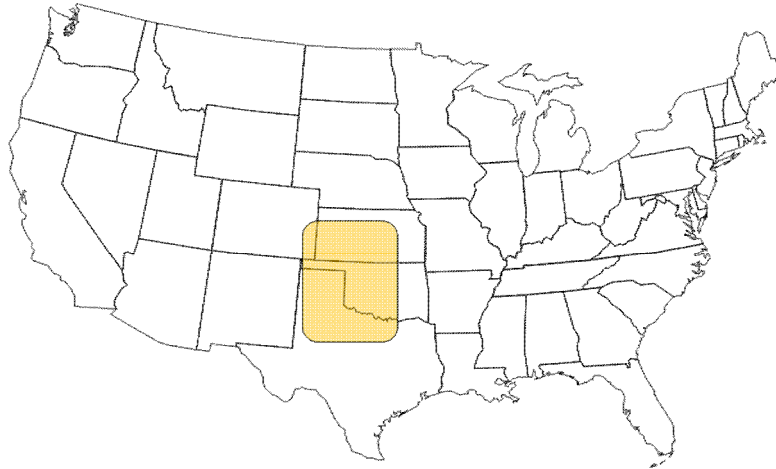


OKLAHOMA GENETICS, INC.



‘Ruby Lee’

HARD RED WINTER WHEAT



The primary area of adaptation for **‘RUBY LEE’** encompasses all of Oklahoma wheat producing areas extending southward into north Texas and north into southern Kansas and west into the Texas High Plains (with irrigation). Secondary areas of adaptation may extend into northern Kansas, eastern Colorado and southern Nebraska, but **‘RUBY LEE’** will be at risk where severe stripe rust and very low soil acidity (< 5.0) are issues. **‘RUBY LEE’** is recommended primarily for grain-only management systems. However, dual purpose system production is not discouraged as it has “above-average ability to be grazed and adaptation to early-planted management systems is very characteristic of **‘RUBY LEE’**” (Carver).

One of the most exciting aspects of **‘RUBY LEE’** the statement by the breeder that it “should also be the first OSU HRW cultivar to be recommended for contract production to ensure 1) direct delivery of enhanced end-use value to millers and bakers and 2) direct value capture by producers.” (Carver). OGI would agree with this statement after reviewing the mill, dough and bake test information. It has good mix times, long stability time at acceptable proteins. The kernels are large with good thousand kernel weights and good kernel diameter. This is a variety that will assuredly interest millers and bakers.

Comments: **Top-end yield potential - will be positioned for intensive management acres, though grazeability is exceptional.**

Area of adaptation: Wide – southern and central Plains; southern High Plains

Acid soil tolerance: Moderately susceptible (similar to Fuller)

Grazing potential in fall: Excellent, with excellent grazing recovery

Ability to hold dormancy: Earlier than Endurance

Hessian fly: Good, but temperature sensitive in greenhouse

Soil-borne mosaic: Resistant

Stripe rust: Intermediate (similar to Endurance)

Maturity: Medium early

Drought tolerant

Test weight: Very good

Leaf rust: Moderately resistant

Powdery mildew: Intermediate

Tan spot: Resistant

Wheat streak: Moderately resistant