



# Browning Seed, Inc.

3101 Interstate 27 Frontage

Plainview, TX 79072

Phone: (806)293-5271

Website: www.browningseed.com

# Challenger XX

## Hybrid Grain Sorghum

### Agronomic Attributes

Potential Yield.....	1
Yield Stability.....	2
Emergence.....	2
Average Plant Height.....	3'4" - 4'
Standability.....	2
Drought Tolerance.....	3
Threshability.....	1
Avg. Seeds/Lb. ....	12,500
Relative Maturity.....	Medium-Full
Avg. Days to 50% Bloom.....	70-74

### Characteristics

Relative Height.....	Medium-Tall
Head Exertion.....	5-7"
Head Type.....	Semi-Compact
Grain Color.....	Bronze
Endosperm.....	Hetero-Yellow

### Early Lightning Benefits

- ◆ Excellent Yield Potential
- ◆ Good Threshability
- ◆ Excellent General Leaf Disease Resistance
- ◆ Extremely Drought Tolerant
- ◆ Consistent Performance
- ◆ Bronze Grain Color
- ◆ Uniform Plant Type

### Grain Sorghum Planting Rates

Desired Seed Rate Lbs. Per Acre	Number of Seed Per Foot in Drill Row				
	40" Row	38" Row	30" Row	28" Row	20" Row
6 Lbs	10 Seed	9 Seed	8 Seed	7 Seed	5 Seed
8 Lbs.	12 Seed	11 Seed	9 Seed	8 Seed	6 Seed
10 Lbs.	16 Seed	15 Seed	12 Seed	11 Seed	8 Seed
12 Lbs.	18 Seed	17 Seed	15 Seed	13 Seed	9 Seed

**-"Put this Challenger to the Test" -**

### Positioning/Management

Challenger XX is bred for its' high yield potential, tolerance for drought, and for its' excellent general leaf disease package. Challenger also has excellent seed emergence that is resistant to several Pathotype of Downy Mildew. Challenger XX has a higher than average starch content which makes it outstanding for ethanol production.

### Annual Summer Management

**Planting Date:** Late April through mid August. Soil temperature should be 60-65 or warmer. Planting too early could cause slow early growth and reduction in population.

**Planting Depth:** 3/4" to 1 1/2" deep dependent upon the soil moisture.

**Row Width:** Preferably drilled in narrow rows .

**Planting Method:** Drill preferred.

**Fertilization for Top End Output: Nitrogen:** 100-135 lbs./acre PPI. **Phosphorus:** 20-60 lbs./acre, more if the soil testing indicates less than 30 lbs./acre. **Potassium:** 40-50 lbs./acre. A soil test should be performed for better accuracy. The above fertilization rates serve as a guide only and will vary with water availability.

**Footnotes: 1- Numerical Rating: 1 to 9**

- 1= Excellent
- 5= Average
- 9= Poor

Ratings and descriptions are based on the research and field observations that were compared with products from multiple locations and years. Read all labels and bag tags due to the reason that they contain conditions of sale, including limitations of warranty and remedy.

**Browning Seed - "Programmed for Profit"™**