



Browning Seed, Inc.

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Lightning

Hybrid Grain Sorghum

Agronomic Attributes

Potential Yield.....	1
Yield Stability.....	2
Emergence.....	1
Average Plant Height.....	3'2" - 3'8"
Standability.....	3
Drought Tolerance.....	3
Threshability.....	3
Avg. Seeds/Lb.	11,500
Relative Maturity.....	Early
Avg. Days to 50% Bloom.....	55-60

Characteristics

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

Early Lightning Benefits

- ◆ Excellent Early Yielding Sorghum
- ◆ Great Choice for Shorter Growing Seasons
- ◆ Good for Double Crop and Late Planting
- ◆ Extremely Drought Tolerant
- ◆ Consistent Performance
- ◆ Susceptible to Growth Regulating Herbicides
- ◆ Great Susceptibility to Downy Mildew and Other Diseases

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

Positioning/Management

Lightning is an excellent yielding early sorghum that is very good for double crop after wheat, late planting, and replant. Lightning is very drought tolerant and has good standability that leads to a more consistent performance. Lightning gets its name from its excellent emergence that makes it a great option for shorter growing seasons. Lightning does extremely well as a dryland or irrigated crop.

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.

-"Production that is Lightning Fast" -

Browning Seed - "Programmed for Profit"™