



**BROWNIE BRAND<sup>®</sup>**

## CHALLENGER SCA

**HYBRID GRAIN SORGHUM**  
 Grain Sorghum | Medium Maturity | High  
 SCA Tolerance

### AGRONOMIC ATTRIBUTES

Yield for Maturity	3
Yield for Stability	2
Standability	2
Drought Tolerance	2
Threshability	3
Emergence	3

### DESCRIPTIVE CHARACTERISTICS

Relative Maturity	Medium
Days to 50% Bloom	5-7
Seed Size	Approximately 14,000 Seeds/lb
Height	Medium
Head Exertion Inches	4-6
Head Type	Semi Open
Plant Color	Purple
Seed Color	Bronze

### POSITIONING/MANAGEMENT

Challenger SCA is a medium maturity grain hybrid with high White Sugarcane Aphid (SCA) tolerance with excellent appearance and drought tolerance making it an excellent fit for dryland fields in Great Plains with excellent yield potential.

### 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:** Nitrogen: 100 to 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.

### KEY ADVANTAGES

- High Sugarcane Aphid tolerance
- Excellent drought stress
- Excellent panicle exertion under drought stress
- Semi-open Head with great uniformity
- Stiff Stalk and Stay green traits for improved yield and stand ability under drought stress
- Excellent for Great Plains dry land fields

### PEST RESISTANCE

MDMV Tolerance	Undetermined
Downy Mildew Pathotype 1	1
Downy Mildew Pathotype 3	1
Downy Mildew Pathotype P6	1
Head Smut	3
Emergence	3
Anthracoese	5
Green Bug Biotype C	9
Greenbug Biotype I	Undetermined
Greenbug Biotype E	Undetermined
Sugarcane Aphid Tolerance	1



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"<sup>™</sup>**