



BROWNING SEED, INC.

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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	62 - 64
Seed Size	Aprox. 14,000 Seeds/LB
Height	Medium
Head Exertion Inches	4 - 6
Head Type	Semi-Open
Plant Color	Purple
Seed Color	Bronze

Pest Resistant

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

Why our Headless Wonder?

Challenger SCA is a grain hybrid sorghum variety that offers customers a range of benefits. It is specifically bred with high tolerance to the White Sugarcane Aphid (SCA), making it ideal for protecting the crop from pest damage. Additionally, ChallengerSCA exhibits excellent appearance and drought tolerance, making it a suitable choice for dryland fields, particularly in the Great Plains region. With its excellent yield potential, ChallengerSCA provides customers with the opportunity to achieve high grain production. Overall, ChallengerSCA is a reliable and resilient sorghum variety for maximizing yields and overcoming pest and environmental challenges.

Annual Summer Management

Planting Date: Late April through mid August. Soil temperature should be 65-70 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 to 135lbs./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. We highly recommend soil testing and consultation of a soil scientist for best results.

Key Advantages

- High Sugarcane Aphid tolerance
- Excellent panicle exertion under drought stress
- Semi-Open head with great uniformity
- Stiff Stalk and Staygreen traits for improved yield and standability under stress
- Excellent for Great Plains dryland fields



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.