# 5P 78M31

# MEDIUM-FULL MATURITY HYBRID GRAIN SORGHUM

## **KEY POSITIONING / BENEFITS**

- **Highly-tolerant to Sugarcane Aphid**
- Consistent, stable performance
- Strong yield & excellent appearance
- Intermediate stay-green
- Best performance under irrigation or
- favorable rain fed conditions.

## **POSITIONING / MANAGEMENT**

SP 78M30 is a medium-full maturity with excellent appearance, brilliant red grain, and excellent yield potential. SP 78M30 is very well adapted to the Mid-Atlantic, Southeast, and Delta regions and extends from the Upper Coastal Bend, north to the irrigated Great Plains as well as the favorable dryland acres of the Eastern Great Plains.

## **RELATIVE MATURITY (RM)**

Relative Maturity	Medium-Full
Avg. Days to 50% Bloo	<b>m</b> 72-76

## AGRONOMIC TRAITS<sup>1</sup>

Yield for Maturity	3
Yield Stability	
Standability	
Drought Tolerance	
Threshability	3
Avg. Seed Size/lb. (x1000)	
Emergence	2

#### **DESCRIPTIVE CHARACTERISTICS**

Relative Height	Medium-Tall
Head Exsertion	4-7"
Head Type	Semi-Open
Harvest Grain Color	Bronze
Endosperm	Undetermined
Seed Color	Bronze

#### **DISEASE RESISTANCE**

IVIDIVIV Tolerance	Undetermined
Downy Mildew:	
Pathotype 1	Susceptible
Pathotype 3	Susceptible
Pathotype 6	Susceptible
Head Smut	2
Anthracnose	3

#### **INSECT RESISTANCE**

## **Greenbug:**

Biotype C	Resistant
Biotype I	Resistant
Biotype E	Susceptible
Sugarcane Aphid	Highly Tolerant

## **PLANTING RATE GUIDE / ACRE**

	Environments		
	Stress	Favorable	Irrigated
Seeds (x1000)/Acre	30-50	50-75	75-100
Lbs./Acre	2-4	4-6	6-9

Footnotes: 1 - Numerical Rating: 1 to 9 (1 = Excellent, 5 = Average, 9 = Poor)

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