

# SS506

## HYBRID FORAGE

### KEY POSITIONING / BENEFITS

- High tonnage
- High sugar content
- Sweet, juicy stalks
- 10' to 12'+ tall
- Good drought tolerance
- Very good standability

### POSITIONING / MANAGEMENT

SS506 is a late maturing, tall silage hybrid with high tonnage yield performance. Due to a high sugar content, stalks are very sweet and juicy. It is adapted for all but the shorter, cooler growing seasons in the Great Plains and at higher elevations. In its northern area of use, it may not produce a head. Plant height reaches 10 to over 12 feet with very good standability. SS506 has limited use for greenchop. In some areas it is grown for bio-mass ethanol production.

### RELATIVE MATURITY (RM)

**Relative Maturity** ..... Full  
**Silage Harvest RM** ..... 125-130+

### HYBRID FORAGE SORGHUM MANAGEMENT

**Planting Date:** Late May through early June. Soil temperature should be 60°F to 65°F or warmer. Planting too early can result in slow early growth and reduced plant population.

**Planting Depth:** 1" to 1½" deep depending on soil moisture.

**Row Width:** 30" to 40" rows.

**Fertility:** Nitrogen: 80% to 90% of corn silage needs. Phosphorus: 30 to 50 lbs./Acre. Potassium: 60 to 80 lbs./Acre. Actual P & K needs should be based on current soil test levels.

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

Forage Yield Potential .....	2
Early Growth Rate .....	2
Standability .....	4
Drought Tolerance .....	3
Leafiness .....	3
Appearance .....	4
Stalk Sweetness .....	2
Prussic Acid (HCN) Potential .....	High

### DESCRIPTIVE CHARACTERISTICS

% Grain in Forage .....	5% - 15%
Plant Height (feet) .....	10' - 12'+
Head Type .....	Compact
Head Exsertion (inches) .....	6" - 9"
Harvest Grain Color .....	Brown
Endosperm .....	Normal
Avg. Seed Size (x1000) .....	14

### DISEASE RESISTANCE

MDMV Tolerance .....	Tolerant
Downy Mildew:	
<i>Pathotype 1</i> .....	Resistant
<i>Pathotype 3</i> .....	Susceptible
<i>Pathotype P6</i> .....	Susceptible
Anthracnose .....	Tolerant

### INSECT RESISTANCE

Greenbug:	
<i>Biotype C</i> .....	Resistant
<i>Biotype I</i> .....	Susceptible
<i>Biotype E</i> .....	Susceptible

### PRINCIPAL USES<sup>1</sup>

Silage:	
Tonnage (Forage) .....	1
Quality (Grain) .....	4
Greenchop .....	6
Stalk Grazing .....	6

### PLANTING RATE GUIDE / ACRE

	Environments		
	Stress	Favorable	Irrigated
Seeds (x1000)/Acre	50-65	65-110	110-165
Lbs./Acre	4-5	5-8	8-12

### HARVEST MANAGEMENT

Harvest at soft dough stage for optimum silage harvest. Whole plant moisture should be about 65%.

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