

SS304

HYBRID FORAGE

KEY POSITIONING / BENEFITS

- Sweet, juicy stalks
- High sugar content
- High forage yield
- Very good standability
- Very good drought tolerance
- 10' to 12' tall

POSITIONING / MANAGEMENT

SS304 has a sweet, juicy stalk and is a medium-full maturing hybrid with high yield performance. It can be used for hay, grazing or silage. It is adapted to many soils and growing conditions from Texas through the Central and Northern Great Plains, except for the shorter, cooler growing seasons. It is about 10'-12' in height and has good standability. SS304 tolerates drought stress well. In some areas, it can be grown for bio-mass ethanol production.

RELATIVE MATURITY (RM)

Relative Maturity Medium-Full
Silage Harvest RM 115-120

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: 10" 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 TRAITS¹

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

DESCRIPTIVE CHARACTERISTICS

% Grain in Forage	10% - 15%
Plant Height (feet)	10' - 12'
Head Type	Semi-Open
Head Exsertion (inches)	5" -7"
Harvest Grain Color	Brown
Endosperm	Normal
Avg. Seed Size (x1000)	21

DISEASE RESISTANCE

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

INSECT RESISTANCE

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

PRINCIPAL USES¹

Silage:	
Tonnage (Forage)	2
Quality (Grain)	3
Greenchop	4
Stalk Grazing	4

PLANTING RATE GUIDE / ACRE

	Environments		
	Stress	Favorable	Irrigated
Seeds (x1000)/Acre	50-65	65-110	110-165
Lbs./Acre	3-4	4-7	7-10

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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