

HIKANE II

HYBRID FORAGE

KEY POSITIONING / BENEFITS

- Quality forage
- Quality cane hay
- Sweet stalk
- Good standability
- Good drought tolerance
- Good choice for double crop with excellent early growth

POSITIONING / MANAGEMENT

HIKANE II is a sweet stalked, medium maturing hybrid with high yield performance. This hybrid is best positioned and used for hay, grazing, or silage. It adapts well in most soils and growing conditions from Texas through the central and northern latitudes of the Great Plains. HIKANE II averages 8' to 10' in height and has very good standability. It can tolerate drought stress very well. This hybrid should be cut in the soft dough stage for highest tonnage and best quality silage. HIKANE II should be cut in the hard dough stage for highest sugar content hay.

RELATIVE MATURITY (RM)

Relative Maturity Medium
Silage Harvest RM 110-120

HYBRID FORAGE SORGHUM MANAGEMENT

Planting Date: Late March through early July. 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: 7.5" to 40" rows.

Fertility: Nitrogen: 7 lbs/acre per ton of silage harvested. Phosphorus: 3 pounds/acre per ton of silage harvested. Potassium: 7 lbs/acre per ton of silage harvested. Magnesium: 1.7 pounds/acre per ton of silage harvested. Sulfur: 0.8 pounds/acre per ton of silage harvested. Actual P & K needs should be based on current soil test levels.

AGRONOMIC TRAITS¹

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

DESCRIPTIVE CHARACTERISTICS

% Grain in Forage 10% - 15%
Plant Height (feet) 8' - 10'
Head Type Open
Head Exsertion (inches) 6" - 8"
Harvest Grain Color Brown
Endosperm Normal
Avg. Seed Size (x1000) 19

DISEASE RESISTANCE

MDMV Tolerance Susceptible
Downy Mildew:
Pathotype 1 Susceptible
Pathotype 3 Susceptible
Pathotype P6 Susceptible
Anthracnose Susceptible

INSECT RESISTANCE

Greenbug:
Biotype C Susceptible
Biotype I Susceptible
Biotype E Susceptible

PRINCIPAL USES¹

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

PLANTING RATE GUIDE / ACRE

	Environments		
	Stress	Favorable	Irrigated
Seeds (x1000)/Acre	100-130	130-220	220-330
Lbs./Acre	5-7	6-12	12-18

HARVEST MANAGEMENT

Harvest at soft dough stage for optimum silage harvest. Harvest at hard dough stage for highest sugar content hay. Whole plant moisture should be about 65%.

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