



# Sordan Headless

**SORGHUM PARTNERS**® BRAND

## TECHNICAL INFORMATION

Sorghum x Sudangrass Hybrid

2009-2010

### Key Positioning / Benefits

- √ Photo Sensitive - Headless
- √ Dual Purpose - Silage or Hay
- √ Extended Harvest Window
- √ Best for Hay, Haylage & Greenchop
- √ Good Leaf to Stem Ratio
- √ Provides Good Forage Quality

### Disease Resistance

MDMV	Undetermined
Downy Mildew:	
Pathotype 1	Resistant
Pathotype 3	Undetermined
Anthracnose	Tolerant

### Agronomic Traits<sup>1</sup>

Forage Yield Potential	2
Early Growth Rate	2
Regrowth	2
Average Plant Height (feet)	8 -10
Standability	4
Drought Tolerance	3
Leafiness	2
Avg. Seeds / Lb. (X1000)	16.5

### Principal Uses<sup>1</sup>

Hay	3
Haylage	3
Grazing / Pasture	4
Greenchop	3

### Greenbug Resistance

Biotype C	Resistant
Biotype E	Susceptible

### Prussic Acid (HCN) Potential

Potential	Medium
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1 - Numerical Rating: 1 to 9 (1 = Excellent, 9 = Poor )

NA = Not Applicable U = Undetermined

\* = Limited Information / Data

### Positioning / Management

Sordan Headless can expand the window for useage because it will not head under most conditions. Sordan Headless continues to grow and maintain its nutrient value in the leaves and stem until it is chopped or grazed thus extending the time period for grazing or chopping. Sordan Headless is a versatile hybrid sorghum x sudangrass that can meet most summer forage needs. It is well suited for use as emergency feed. This hybrid is best used for hay, haylage and greenchop. Other uses include grazing and ground cover. Sordan Headless has a good leaf to stem ratio that helps provide good quality with proper management.

**Read All Bag Tags and Labels.** They contain important conditions of sale, including limitations of warranty and remedy.

## Summer Annual Management

### Planting Rate: Pounds Per Acre

Principle Uses	Planting Method	Average Annual Moisture (inches)		
		<20	20 - 26	26 - 32>
		Stress	Favorable	Irrigated <sup>2</sup>
Grazing & Cover Crop	36" - 40" Rows	4 - 8 <sup>1</sup>	8 - 12	12 - 15
	20" - 30" Rows	6 - 10 <sup>1</sup>	10 - 15	15 - 25
	Drilled	10 - 15 <sup>1</sup>	15 - 20	20 - 30
Hay, Haylage & Greenchop	Drilled	15 - 20	20 - 25	25 - 50
Hay, Grazing & Cover Crop	Broadcast	20 - 25 <sup>1</sup>	25 - 30	30 - 50

1 - Recommended rates for cover crop

2 - Includes high rainfall areas and conditions

Planting rates for hybrid sudangrass and sorghum x sudangrass depends on a number of factors including location, growing conditions, management, etc. The above rates serve as a

**Planting Date:** Late April through mid August. Soil temperature should be 60 to 65 degrees F. Planting early can cause slow early growth and reduced survival.

**Planting Depth:** 3/4" to 1 1/2" deep depending on soil moisture.

**Row Width:** Drilled rows for best quality.

**Planting Method:** Drill preferred.

**Fertility:** Nitrogen: 75 to 100 lb./acre PPI & 50 to 75 lb./acre after first cutting  
Phosphorus: 20 to 60 lb./acre, more if soil test indicates less than 30 lb./a.  
Potassium: 40 to 80 lb./acre, more if soil test indicates less than 300 lb./a.

**Harvest Management:** Do not cut or graze until forage reaches 18" in height. Cut at 24" to 36" for best quality and yield. **Cut 6" to 8" above ground level for fastest regrowth.** Condition with a crimper at a slight diagonal to speed drying and regrowth. Wilt to 50% to 60% moisture for storage in a bunker or concrete stave silo and 45% to 55% for a sealed storage system. Forage should be about 85% to 90% plant moisture at cutting. Chop at 1/4" to 1/8" cutting length to improve packing.

**Harvest Height:**

Grazing	18" - 24"
Hay / Haylage	24" - 36"
Greenchop	30" - 40"

**Yield:** 2 to 4 cutting depending on planting date, management and growing season.  
3 to 6 tons / acre dry matter (20 to 40 tons green weight).

Ratings and descriptions are based on research and field observations compared with SORGHUM PARTNERS<sup>®</sup> Brand products from multiple locations and years.