



SORGHUM PARTNERS® BRAND

Trudan 8

TECHNICAL INFORMATION

Hybrid Sudangrass

2009-2010

Key Positioning / Benefits

- √ Exceptional Quality Summer Forage
- √ Very Good Leaf to Stem Ratio
- √ Best for Hay, Haylage & Grazing
- √ Tolerates High Cutting Frequencies
- √ Adapts Well to Intensive Grazing
- √ Excellent Forage Quality

Disease Resistance

MDMV	Undetermined
Downy Mildew:	
Pathotype 1	Resistant
Pathotype 2	Undetermined
Anthracnose	Undetermined

Agronomic Traits¹

Forage Yield Potential	3
Early Growth Rate	2
Regrowth	1
Average Plant Height (feet)	4-6
Standability	3
Drought Tolerance	3
Leafiness	2
Avg. Seeds / Lb. (X1000)	22.5

Principal Uses¹

Hay	1
Haylage	1
Grazing / Pasture	2
Greenchop	4

Greenbug Resistance

Biotype C	Resistant
Biotype E	Susceptible

Prussic Acid (HCN) Potential

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

NA = Not Applicable U = Undetermined

* = Limited Information / Data

Positioning / Management

Trudan 8 is an exceptional hybrid sudangrass for most summer forage needs. It is best positioned and used for hay, haylage and grazing. Other limited uses include greenchop and as cover. Trudan 8 is very leafy and fine stemmed. Regrowth is fast after cutting or grazing. It adapts well to and can tolerate high cutting frequencies and intensive grazing practices with proper management. Exceptional forage quality can be produced that is high in protein and TDN (total digestible nutrients). Prussic acid potential is low. **Potato & Vegetable growers - Trudan 8 suppresses nematode populations when incorporated as green manure in the fall after it has been stressed (e.g., after first frost or ceasing irrigation).**

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 ²
Grazing & Cover Crop	36" - 40" Rows	4 - 8 ¹	8 - 12	12 - 15
	20" - 30" Rows	6 - 10 ¹	10 - 15	15 - 25
	Drilled	10 - 15 ¹	15 - 20	20 - 30
Hay, Haylage & Greenchop	Drilled	15 - 20	20 - 25	20 - 25
Hay, Grazing & Cover Crop	Broadcast	20 - 25 ¹	25 - 30	25 - 30

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^o to 65^o 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[®] Brand products from multiple locations and years.