



# HP Grazer

## Sorghum - Sudangrass Hybrid

(*Sorghum x drummondii*)



### Disease/Insect/Nematode Ratings

Anthraxnose:	MR
Downy Mildew:	MR

### Agonomic Traits

Early Seedling Vigor:	Excellent
Growth Habit:	Upright
Recovery After Cutting:	Excellent
Maturity:	70 days to Boot
Uniformity:	Excellent
Midrib Type:	Juicy

### Planting Rates

#### BROADCAST

Pounds per acre:	<u>Dryland</u>	<u>Irrigated</u>
	10 – 30	35 – 80
Pounds per acre:	<u>Hay/Silage</u>	<u>Grazing</u>
	25 – 40	35 – 50

Hytest net unit weight:	50 lbs.
Approx. Seeds per Pound:	18,000 to 21,000

### Adaptation Ratings

Photosynthetic Type:	Warm Season
Soil Temperature:	Warm (60 F)
Water Requirement:	Very Low

### Crop Use Information

Life Cycle:	Annual
Ease of Establishment:	Good
Shade Tolerance:	Fair
Drought Stress:	Very Good
Wet Soil:	Fair
Low pH Tolerance:	Moderate
Minimum pH:	6.0
Saline Soils (White Alkali):	Fair
Saline – Sodic Soils (Black Alkali):	Fair
Hay:	Excellent
Silage:	Excellent
Continuous Grazing:	Good
Rotational Grazing:	Excellent
Palatability:	Excellent
Anti-Quality:	Prussic Acid and Nitrates

HP Grazer is a new improved premium forage product selected for its high productivity, exceptional sweetness and improved forage quality. The leaves of HP Grazer tend to be wider and longer than most conventional sorghum-sudans on the market. The stems are fine, sweet, very juicy and highly nutritious. This combination promotes greater intake, improved digestibility and increased animal performance in beef and dairy cows. HP Grazer has exceptional heat and drought stress tolerance very fast re-growth after cutting and improved plant health and disease tolerance for optimum forage production in a standard product.

- Small-seeded and thin-stemmed.
- Exceptional forage yield and quality.
- Very heat and drought tolerant.
- Highly nutritious juicy midrib.



## HP Grazer Sorghum-Sudan Management and Production Guide:

### Strengths

- Excellent early season vigor and regrowth
- High-yield and forage quality potential
- Thin-stemmed plant type
- Small-seeded type
- Dark-green plant color
- Improved overall disease resistance package
- Very heat and drought stress tolerant
- Sweet, juicy midrib

### Seeding

- Soil temperature should be at least 60 F
- HP Grazer is usually planted between April 10 and July 15 depending on region
- Can be no-tilled into the stubble of winter and spring crops
- Planting depth should be 1"
- Do not plant in soils with pH greater than 7.5 to 8.0.
- Chlorosis can be severe problem

### Harvest

- HP Grazer is usually harvested 60 to 66 days after seeding.
- Protein will decline as harvest is delayed, but energy will increase upon heading due to continued sugar formation in the sorghum stalks and leaves, and carbohydrate deposition in the developing grains.

### Avoiding Nitrate and Prussic Acid Poisoning from Sorghum

- Avoid large nitrogen applications prior to expected drought periods.
- Can increase Prussic Acid concentration for several weeks after application.
- Do not harvest drought-damaged plants within four days following a good rain.
- Do not greenchop within seven days of a killing frost.
- Cut at a higher stubble height, nitrates tend to accumulate in the lower stalk.
- Wait one month before feeding silage to give Prussic Acid enough time to escape.