



# **Pacific Graze**

## **Sorghum–Sudangrass Hybrid**

(*Sorghum bicolor* x *sorghum sudanese*)

- \* Thin stemmed, fine seeded product
- \* Fast regrowth for high yield
- \* Adapted over wide areas

**Pacific Graze is a small seeded three way cross that can be used for grazing or hay. It is a thin stemmed type allowing for faster dry down for high quality hay production. Regrowth is very fast giving it high yield potential. Higher planting rates will produce a smaller stemmed forage.**

### **Crop Use Information:**

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

### **Disease/Insect/Nematode Ratings:**

Downy Mildew: MR

## Agronomic Traits:

Early Seedling Vigor: Good  
Growth Habit: Upright  
Recovery After Cutting: Good  
Maturity: 65 days to Boot  
Uniformity: Fair  
Plant Color: Purple  
Midrib Type: Juicy  
Seed Set: Minimal

## Planting Rates:

Bushel Weight: 56 lbs.

Do not plant in soil temperatures below: 60° F

Seeds per Pound: 19,000 – 22,000

Rate (Lbs.):	<u>Dryland</u>	<u>Irrigated</u>
	10 – 30	35 - 100
Seeds/Sq. Ft.	5 – 14	17 – 48

## Strengths

Thin stemmed product  
Small seeded product  
Juicy Mid-rib  
Low water requirement  
Short maturity requirement – 60 days

## Weaknesses

Leaf area thins near the top  
Poor plant color under stress

## Seeding:

Soil temperature should be at least 60° F at 1-2" deep

Can be no-tilled into the stubble of winter and spring crops

Do not plant on soils with pH greater than 7.5 to 8.0. Chlorosis will be a problem

## Harvest:

The plant is in the boot 63 - 65 days after seeding

Harvesting during boot will give you the highest protein concentration

Protein will decline as harvest is delayed, but energy will increase upon heading

Seed may set if pollen is available and harvest is delayed

## Avoiding Nitrate and Prussic Acid Poisoning from Sorghum:

Avoid large nitrogen applications prior to expected drought periods

2,4-D can increase Prussic Acid concentration for weeks after application

Do not harvest drought damaged plants within 4 days following a good rain

Do not harvest within 7 days of a killing frost

Cut at a higher stubble height, nitrates tend to accumulate in the lower stalk

Wait 1 month before feeding silage to give Prussic Acid enough time to escape



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