

FSG 300

PEARL MILLET

(*Pennisetum americanum*)

- Bushy type hybrid with high yield potential
- Widely adapted to many diverse geographic regions
- No Prussic Acid concerns

FSG 300 is a bushy type hybrid pearl millet with high yield potential which is achieved very quickly being only 63 days to the boot stage. FSG 300 has a high level of tolerance to many pathogens and high humidity, but cannot tolerate standing surface water. FSG 300 can be grown on as little as 16 inches of water, however, greater tonnage will be produced with greater water availability.

FSG 300's bushy type plant stature means that the forage produced is virtually all leaves. This greater leaf mass gives FSG 300 high crude protein concentrations and high TDN values.

Disease/Insect/Nematode Ratings:

Leaf Disease: HR

Agronomic Traits:

Early Seedling Vigor: Good
 Growth Habit: Bushy Type
 Recovery After Cutting: Good (cut above 1st node)
 Maturity: 63 days to Boot
 Uniformity: Excellent
 Midrib Type: Dry

Planting Rates:

Bushel Weight: 52 lbs.
 Seeds Per Pound: 60,000

Rate (Lbs.)	Dryland	Irrigated
Pounds/Acre	3-10	7-25
Seeds/Sq. Ft.	4-14	10-34

Adaptation Ratings:

Photosynthetic Type: C4 - Warm Season
 Soil Temperature: Very Warm (65 F)
 Water Requirement: Very Low

Seeding:

- Soil temperature should be at least 65 F.
- FSG 300 is usually planted between June 10 and July 10 in the northern states.
- Can be no-tilled into the stubble of winter and spring crops.
- Planting depth should be 1/2".

Harvest:

- FSG 300 is usually harvested 63-66 days after seeding.
- Protein will not decline as harvest is delayed due to the extremely high leaf to stem ratio.

Crop Use Information:

Life Cycle: Annual
 Ease of Establishment: Fair
 Shade Tolerance: Poor - Fair
 Drought Stress: Good
 Wet Soil: Fair
 Low pH Tolerance: Moderate
 Minimum pH: 5.5
 Saline Soils (White Alkali): Fair
 Saline - Sodic Soils (Black Alkali): Poor - Fair
 Hay: Excellent
 Silage: Excellent
 Continuous Grazing: Do Not Continuous Graze
 Rotational Grazing: Excellent
 Palatability: Good
 Anti-Quality: —

Strengths

- High quality.
- High yield potential.
- Bush type hybrid—high leaf density.
- Extremely uniform.
- Low water requirement.
- Tolerates frequent harvesting.

Weaknesses

- Short stature.
- Dry midrib.
- Sensitive to sudden temperature drops.



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