

3 MIL X III

PEARL MILLET

(*Pennisetum americanum*)

- Tall growing with high yield potential
- Widely adapted to many diverse geographic regions
- No prussic acid concerns

3 Mil X III is tall growing hybrid pearl millet with high yield potential which is achieved very quickly being only 58 days to the boot stage. 3 Mil X III has a high level of tolerance to many pathogens and high humidity, but cannot tolerate standing surface water. 3 Mil X III can be grown on as little as 16 inches of water, however greater tonnage will be produced with greater water availability.

Disease/Insect/Nematode Ratings:

Leaf Disease R

Agronomic Traits:

Early Seedling Vigor:..... Good
 Growth Habit: Tall, Upright
 Recovery After Cutting: Good (Cut above 1st node)
 Maturity:..... 58 days to Boot
 Uniformity: Fair
 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.
- 3 Mil X III 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:

- 3 Mil X III is usually harvested 58- 62 days after seeding.
- Protein will decline as harvest is delayed.

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: Good
 Silage: Good
 Continuous Grazing: Do not continuous graze
 Rotational Grazing: Good
 Palatability: Good
 Anti-Quality: -

Strengths

- Short maturity – 58 days to boot.
- High yield potential.
- Tall growing hybrid.
- Slick leaves.
- Low water requirement.
- Tolerates high temperature and humidity.
- Tolerates frequent harvesting.

Weaknesses

- Limited disease package.
- Moderate quality.
- Dry midrib.
- Sensitive to sudden temperature drops.



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