FSG 315

DWARF BMR HYBRID PEARL MILLET

- BMR gene technology reduces plant lignin content versus conventional hybrid pearl millets, which results in a highly digestible forage with improved nutritional quality
- Extensive tillering capacity
- High yield potential
- Dwarfing gene increases the leaf to stem ratio, improves standability and allows heavier grazing pressure
- Adapted to a wide soil pH range
- No Prussic Acid concerns

FSG 315 is a new concept in hybrid pearl millets with BMR and Dwarfing gene technology. The BMR gene reduces plant lignin versus conventional pearl millets resulting in a highly digestible forage with improved nutritional quality for superior animal performance. The Dwarfing gene increases the leaf to stem ratio for higher forage quality, improves standability in the field and allows heavier grazing pressure with its extensive tillering. With high yield and quality potential, an excellent disease resistance package, drought stress tolerance and rapid growth, FSG 315 is ideal for the grower who wants the flexibility of grazing, hay or silage.

Disease/Insect/Nematode Ratings:
Leaf Disease Resistance: Excellent

Agronomic Traits:
Early Seedling Vigor: Good
Growth Habit: Bushy Type
Standability: Good
Recovery After Cutting: Good
Maturity: 60-65 days
Uniformity: Excellent
Midrib Type: BMR
Height: 5-6’ at heading

Planting Rates:
Seeds Per Pound: 50,000
Greater than 20-25 inches of rainfall or irrigated
2-3 lbs. / acre in a 30” row
15-20 lbs. / acre broadcast or drilled
Less than 20 inches of rainfall or irrigated
1-2 lbs. / acre in a 30” row
7-10 lbs. / acre broadcast or drilled

Planting Recommendations:
- Soil temperature should be at least 65-70 F.
- Can be no-tilled into the stubble of winter and spring crops.
- Planting depth should be 3/4”-1” (firm seedbed).

Harvest/Grazing:
- FSG 315 is usually harvested 30 days after emergence or when 33”-40” tall.
- Protein will not decline if harvest is delayed due to the extremely high leaf to stem ratio.
- Start grazing when forage reaches 20” in height.
  (allow a minimum of 6-8” residual stem height to not influence regrowth)

Crop Use Information:
Life Cycle: Annual
Ease of Establishment: Good
Shade Tolerance: Poor - Fair
Drought Tolerance: Excellent
Wet Soil: Fair
Low pH Tolerance: Moderate
Minimum pH: 5.5
High pH Tolerance: Excellent
Hay: Excellent
Silage: Excellent
Continuous Grazing: Do Not Continuous Graze
Rotational Grazing: Excellent
Palatability: Excellent

(farm science genetics)