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PRIME BMR

Pioneer® brand Forage Sorghum performance information



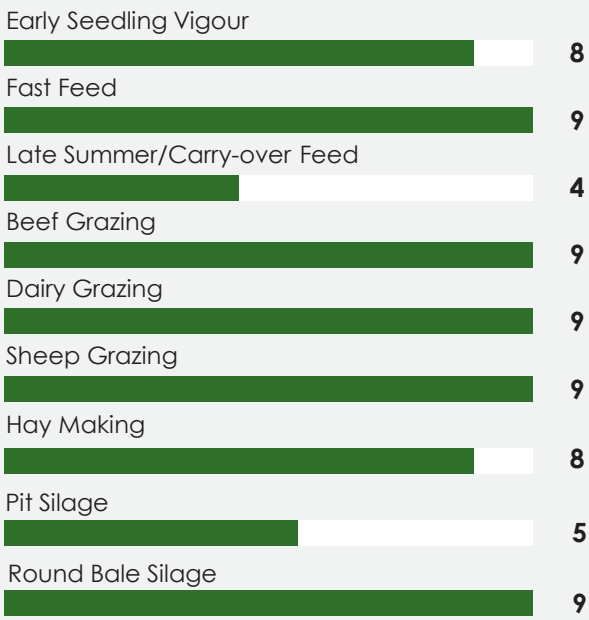
Forage Type: Sudan grass BMR

Outstanding quality, exceptional yield.

- Highly identifiable brown midrib (BMR) sudan grass forage with multiple BMR genes present
- Excellent lower leaf retention extending the window of quality feed availability
- Exceptional biomass production supported by strong stems and roots, keeping the crop standing
- Medium maturity provides management flexibility while maintaining feed quality
- Low prussic acid risk, suitable for grazing at around 75cm

Prime BMR delivers standout forage quality with dependable agronomic performance, making it a premium choice for intensive grazing or high-quality conserved feed

Plant and Agronomic Traits



Recommended Sowing Rates (kg/ha)

Low rainfall dryland	Good rainfall dryland	High rainfall dryland & irrigation
2 - 3	3 - 8	8 - 15

Maturity & End Use



What is BMR?

Brown midrib(BMR) is a trait that is identifiable in forage plants through a brown colouring of the midrib on the leaves and in the stem. The benefit of BMR is a significant decrease in lignin content which results in increased digestibility and improved palatability.

Lignin is present in the cell wall of plants and provides structural support to the plant as well as facilitating water transport within the plant. By reducing the lignin content in the plant, the cell walls become more fragile and therefore easier to digest.

BMR forage has similar fibre digestibility as conventional maize silage[1] and it is a great option for delivering very high-quality feed whilst growing a crop that has lower inputs and higher drought stress tolerance. In several studies conducted in North America, BMR forages were found to produce equivalent or slightly higher 4% fat corrected milk than conventional maize silage[2].



The BMR trait is highly identifiable in **Prime BMR** (left hand side of image) compared to conventional forages as well as some other BMR forages.

Look for the visible brown midrib as well as brown colour on the outside and pith of the stem.

Prime BMR is a great option for grazing, hay and round bale silage where quality is a high priority.

1. Dann, H., et. al (2008). Comparison of Brown Midrib Sorghum-Sudangrass with Corn Silage on Lactational Performance and Nutrient Digestibility in Holstein Dairy Cows. Journal of Dairy Science, 91(2), 663–672. https://doi.org/10.3168/jds.2007-0521
2. Contreras-Govea, F. E., Marsalis, M.A., Lauriault, L. M., and Bean, B. W. (2010). Forage sorghum nutritive value: A review. Online. Forage and Grazinglands. doi:10.1094/FG-2010-0125-01-RV



For further information contact:
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