

AF8301

Medium non-BMR Silage with Grain

- Harvest 100 days after emergence
- Tremendous drought tolerance and yield potential
- Good nutritional quality for standard midrib hybrid
- Excellent plant uniformity



CHARACTERISTICS & RATINGS

Medium Relative Maturity

100 Days to Soft Dough Stage

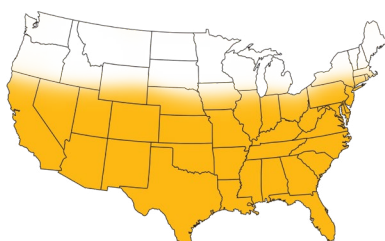
Standard non-BMR-6 Midrib

14-16 Seeds/Lb (1,000) – check seed bag

Yield for Maturity	2
Forage Quality Potential	3
Palatability	4
Digestibility	3
Seedling Vigor	2
Recovery After Cutting	5
Plant Uniformity	1
Standability	2
Downy Mildew	4
Anthraco nose	4

10 9 8 7 6 5 4 3 2 1
Poor Excellent

Recommended Seeding Rates:
Seeding rates may vary depending on local growing conditions. Please see your Alta Seeds retailer for local recommendations.



Primary area of adaptation

CROP USE

Silage	1
Dry Hay	7
Continuous Grazing	Do Not Graze
Rotational Grazing	Do Not Graze

AF8301 is a non-BMR hybrid with outstanding yield potential. This hybrid has a short plant structure for good standability and ranges from 72" to 84" in plant height. This hybrid is drought tolerant and great for dryland conditions. AF8301 features good nutritional quality for a standard midrib hybrid and will produce a white grain head with high grain yields.

FIELD POSITIONING

Tough Dryland	HS
High Yield Dryland	HS
Limited Irrigation	HS
Full Irrigation	HS
No-Till	S
Poorly Drained Soils	S
Anthraco nose Prone Area	HS
<i>Fusarium</i> Prone Area	HS

Observed Suitability and Field-by-Field Positioning

HS = Highly Suitable

S = Suitable

MA = Manage Appropriately

X = Poor Suitability



AF8301

FORAGE SORGHUM MANAGEMENT AND PRODUCTION GUIDE

STRENGTHS:

- Tremendous yield potential
- Excellent heat and drought stress tolerance
- Requires approximately 35 to 45 percent less water than corn for similar productivity
- Good nutritional quality for a standard midrib

SEEDING:

- Dryland Rows: 70,000-90,000 Seeds/Acre
Irrigated 30" Rows: 80,000-100,000 Seeds/Acre
Drilled (Dryland or Irrigated): 80,000-100,000Seeds/Acre (see bag for details)
- Avg. Seeds per Pound: 14,000-16,000
- Soil temperature must be at least 60° F
- Planting depth should be 1.5" (into moisture)
- Seeding rate is important. Follow recommended plant populations for your area.
- Can be no-tilled into the stubble of winter and spring crops

FERTILITY:

- A soil test is highly recommended to establish a base line of fertility requirements.
- Nitrogen fertility should not exceed 125 pounds per acre including available nitrogen in the soil.
- Potassium levels should be kept up, particularly if the soil pH is lower than 6.2.
- If soil pH is above 7.5, a foliar application of iron may be necessary or Iron Chlorosis (yellowing of the leaves) may be a problem. This can be corrected by foliar feeding iron while plants are still young.

HARVEST:

- AF8301 is usually harvested 100 days after emergence.
- Harvest at soft dough stage for optimal yield and nutrition.

AVOIDING NITRATE AND PRUSSIC ACID POISONING FROM SORGHUM

- Avoid large nitrogen applications prior to expected drought periods which can increase Prussic Acid concentration for several weeks after application.
- Do not harvest drought-damaged plants within four days following a good rain.
- Do not greenchop within seven days of a killing frost.
- Cut at a higher stubble height, nitrates tend to accumulate in the lower stalk.
- Wait one month before feeding silage to give Prussic Acid enough time to escape..

Note: Ratings are based on testing over a number of years in numerous locations. Adverse environmental conditions and planting dates may alter a hybrid's performance, maturity and resistance to certain diseases and insects.