

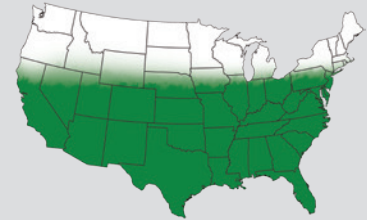
FORAGE SORGHUM

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

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



■ Primary area of adaptation

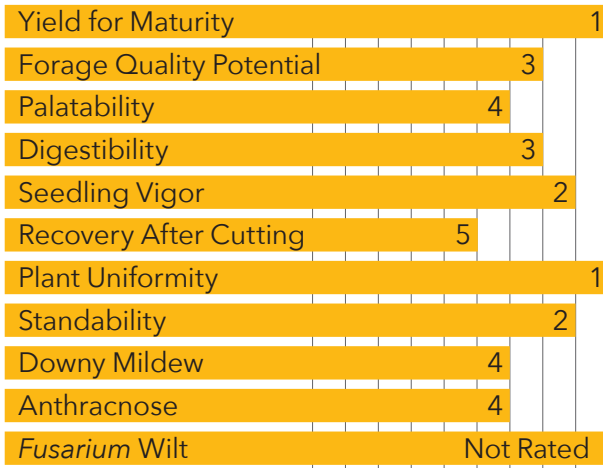
CHARACTERISTICS & RATINGS

Medium Relative Maturity

100 Days to Soft Dough Stage

Standard non-BMR-6 Midrib

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



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

Based on Alta Seeds research trials relative to other Alta Seeds products.

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 will range from 72 inches to 84 inches in plant height. This hybrid is drought tolerant and is great for dry land 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
High pH Soils Iron Chlorosis	MA
No-Till	MA
Poorly Drained Soils	X
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



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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): 80,000-100,000 Seeds/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.

