AS6501
Photoperiod Sensitive Sorghum-Sudangrass

- Extended harvest window
- Excellent re-growth after harvest
- Exceptional drought tolerance
- BMR-6 provides high-quality nutrition

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

AltaSeeds.com 877-806-7333

FIELD POSITIONING

The photoperiod sensitive characteristic of AS6501 allows for a wide window of harvest and consistent quality in the growing season. The BMR-6 characteristic increases feedstock utilization and efficiency. AS6501 remains in a vegetative state when the plant receives at least 12 hours and 20 minutes of daily sunlight, allowing the greatest harvest flexibility. Falling below this threshold, it begins booting.

CHARACTERISTICS & RATINGS

Photoperiod Sensitive Relative Maturity
Varied Days to Boot Stage
BMR-6 Midrib
13-15 Seeds/Lb (1,000) – check seed bag

Yield for Maturity 2
Forage Quality Potential 1
Palatability 1
Digestibility 1
Seedling Vigor 4
Recovery After Cutting 1
Plant Uniformity 3
Stndability 3
Downy Mildew 3
Anthracnose X
Fusarium Wilt X

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

CROP USE

Silage 4
Dry Hay 1
Continuous Grazing 4
Rotational Grazing 1

Begin Height 24" • Stop Height 6"

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FIELD POSITIONING

Tough Dryland HS
High Yield Dryland HS
Limited Irrigation S
Full Irrigation S
High pH Soils Iron Chlorosis MA
No-Till S
Poorly Drained Soils X
Anthracnose Prone Area X
Fusarium Prone Area X

Observed Suitability and Field-By-Field Positioning
HS = Highly Suitable
S = Suitable
MA = Manage Appropriately
X = Poor Suitability
SORGHUM SUDANGRASS MANAGEMENT AND PRODUCTION GUIDE:

Strengths:
- Excellent heat and drought stress tolerance
- Excellent recovery after cutting
- Wide harvest window

Seeding:
- Soil temperature should be at least 60° F.
- Avg. Seeds per Pound: 13,000-15,000 (see bag for details)
- Planting depth should be 1”.
- Seeding rate is important. Follow recommended plant populations for your area.
- Do not plant in soils with pH greater than 7.5 to 8.0 as Iron Chlorosis can be a severe problem.
- Can be no-tilled into the stubble of winter or spring crops.
- AS6501 should be planted after day length reaches 12 hours and 30 minutes

Fertility
- A soil test is highly recommended to establish a base line of fertility requirements.
- Under favorable growing conditions, apply 1-1.25# of Nitrogen per day of planned growth.

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.
- Reduce Nitrogen rates less optimal growing conditions.
- Potassium levels should be kept up, particularly if the soil pH is lower than 6.2.
- If soil pH is above 7.0, a foliar application of iron may be necessary or Iron Chlorosis (yellowing of the leaves) may be a problem. This can be reduced by foliar feeding iron while plants are still young.

Harvest:
- AS6501 is usually harvested 70 days after emergence.
- Protein will decline as harvest is delayed, but energy will increase upon heading due to continued sugar formation in the sorghum stalks and leaves, and carbohydrate deposition in the developing grain.
- Careful attention should be paid to the cutting height for re-growth; 2 nodes or 6” of stubble is optimal. Sharp blades provide for a clean cut and enhance re-growth.
- Sorghum species dry slowly because of their drought tolerance; one method of managing drydown in silage is to swath the crop, allow it to wilt to the desired moisture level, and then pick up the wind rows with a silage chopper. (Swath/Wilt/Chop).

Multi-Year Quality Data

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<th>Variety</th>
<th>DM yield</th>
<th>%CP</th>
<th>%ADF</th>
<th>%NDF</th>
<th>%IVTD</th>
<th>Beef / ton</th>
<th>$/acre</th>
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ADF = Acid Detergent Fiber  
CP = Crude Protein  
DM = Dry Matter  
IVTD = In Vitro True Digestibility  
NDF = Neutral Detergent Fiber

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