

FS 1105 FORAGE SORGHUM

Key Features

FS 1105S is a 105-day sterile forage sorghum. As a sterile plant, FS 1105S will accumulate more sugars and not produce starch in the seed head. For those who want a quality no starch from grain forage, FS 1105S is the correct product. This forage sorghum contains the BMR6 marker, giving you assurance that as a BMR product, it will have the very best digestibility while still providing top yields and quality. Prairie Creek Seed recommends that this variety should be planted from Iowa south to ensure an adequate growing season. Less seed cost per acre, lower nitrogen rates, less water usage, plus heat and drought tolerance make FS 1105S an attractive option for a one-cut forage crop.

Establishment

Plant FS 1105S at the regular rate; with a lower seeding rate for wide rows, and a heavier seeding rate if planted with a grain drill. Seed in late spring when soils have reached 65 degrees. Adequate time is needed to reach harvest maturity, so plant as early as possible into warm soils. It is very important during establishment and early development for soils to be 65° and the soil temperature rising.

Management Keys

105 days from emergence to harvest. Direct chop forage sorghum when whole plant moisture is ideal for storage and fermentation. FS 1105S can also be cut and wilted to harvest moisture while in the vegetative stage if conditions warrant.

Forage sorghum are meant to be a compliment to corn silage and managed as such. FS 1105S should be planted in a timely fashion to have the ability to be harvested while standing.

Do not apply more than 60 lbs of nitrogen pre-plant to reduce the risk of lodging and excessive nitrates. Forage sorghums require 5 lbs of nitrogen per ton of biomass produced per acre at 35% DM. Credit all sources of nitrogen available. Nitrates do not dissipate from harvested forages as prussic acid will.

After times of stress or frost injury forage sorghum will produce prussic acid which will be harmful to livestock. Do not harvest for forage and feed directly to livestock. Either allow the leaves to dry before chopping or cut and wilt the forage before harvest to allow the prussic acid to dissipate.



Characteristics

Drought Tolerance	5
Wet Soil	3
Seeding Vigor	5
Baleage	1
Silage	5
Grazing	4

Scale 1-5 (1 = Poor, 5 = Excellent)

Seeding Rate

- ▶ 5-9 lbs/acre.
- ▶ 100,000 seeds per acre on 30" rows.
- ▶ 120,000 seeds per acre on 15" rows

Seeding Rate

1 to 1½" into firm seedbed.

