

PIONEER

A YATES FAMILY BUSINESS

summer feed

FORAGE SORGHUM/SUDAN

2021-2022

For beef,
sheep
and dairy



Cut or graze it,
make silage or hay

Superior yield
advantage



PIONEER
BRAND · PRODUCTS

Pioneer® brand Summer feed

If you're in a warm part of the country, forage sorghum and sudan grass hybrids are a great summer feed option that can be grazed or harvested and stored as silage or hay for when you need it most.

Fast summer feed for late planting

If you are planting in November or December, choosing forage sorghum and sudan gives you fast feed. Crops can be cut or grazed once they reach 1 m in height which, given ideal conditions, could be as little as 35 to 45 days after planting.

Drought tolerant

Forage sorghum and sudan grass hybrids have an extensive secondary root system and a waxy leaf surface giving them a significantly higher water use efficiency than most pasture species. This makes them the ideal crop for warm, dry weather.

Pioneer® brand products offer two product options – Bettagraze (forage sorghum x sudan) which has become a trusted performer and Super Sweet Sudan (SSS) which is a high yielding sudan x sudan hybrid.



| | |
|---------------|---|
| Fast feed | 9 |
| Silage making | 9 |
| Hay making | 8 |
| Sheep grazing | 7 |
| Beef grazing | 8 |
| Dairy grazing | 9 |

Max 9 |

First to plant, first to feed.

Rapid early growth and quick recovery after grazing or cutting. Bettagraze offers a high sugar content, fine stems and disease-free leaves. Its delayed heading makes it highly suitable for grazing, silage or hay production. A larger seed size means Bettagraze can be planted into the soil moisture zone allowing good establishment, even in dry seed beds. Suitable for grazing with dairy or beef.

Bag size: 25 kg

Recommended planting rate:
25 - 45 kg/ha

Planting depth: 3 - 5 cm



| | |
|---------------|---|
| Fast feed | 9 |
| Silage making | 9 |
| Hay making | 9 |
| Sheep grazing | 9 |
| Beef grazing | 9 |
| Dairy grazing | 9 |

Max 9 |

The next generation hybrid.

Ideal for grazing, Super Sweet Sudan (SSS) has super fine stems and a prolific tillering habit. High quality small seed means you sow less kilograms on every hectare. Leaves are super fine and super sweet making SSS an excellent choice for silage or hay. Highly palatable at all stages of growth. Suitable for grazing with sheep, beef or dairy.

Bag size: 15 kg

Recommended planting rate:
15 - 25 kg/ha

Planting depth: 2.5 - 3.5 cm

Key

1 = Poor, 9 = Excellent.
Ratings based on Pioneer research comparisons with other Pioneer® brand sorghum/sudan hybrids.



New Zealand trials show the yield advantage of Pioneer when compared to competitor products.

Super Sweet Sudan (SSS) compared with Pacific Octane (4 replicated trials)¹

Average yield per cut (kgDM/ha)



Super Sweet Sudan (SSS) compared with Pacific Sprint (14 replicated trials)²

Average yield per cut (kgDM/ha)



¹ Significant (P<0.05) yield advantage to SSS

² Highly significant (P<0.01) yield advantage to SSS

Seed information

Bettagraze

- ✓ Suitable for sheep or cattle
- ✓ Planting depth: 3 - 5cm
- ✓ Lower feed quality than SSS
- ✓ Wider leaves with thicker stems
- ✓ Good seedbed management
- ✓ Slightly more cool tolerant than SSS. Always plant when the soil temperature is at 18°C and rising

SSS

- ✓ Suitable for sheep or cattle
- ✓ Planting depth: 2.5 - 3.5cm
- ✓ Higher feed quality than Bettagraze
- ✓ Fine with leafy stems
- ✓ Excellent seedbed management
- ✓ Slightly less cool tolerant than Bettagraze. Always plant when the soil temperature is at 18°C and rising



Bettagraze **SSS**

Bettagraze seed should be planted into the soil moisture zone at a depth of 3 - 5cm, allowing good establishment even in drier planting conditions. SSS is a smaller seed which should be planted at a depth of 2.5 - 3.5cm.

Stressed forage sorghum plants can accumulate prussic acid which can be toxic. Take care when grazing droughted, frosted or cold stressed crops. Animal health problems may arise when nitrate levels of any plant are too high. Test nitrate levels prior to grazing or harvesting your crop as silage or hay.

For more information on summer feed and management tips contact your local merchant or Area Manager

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