

Introduction_

Recommended for rainfed, coastal short cycle arowing conditions under 12 months harvest and must be harvested by mid-October to avoid the negative effects of flowering.

Best features_

Recommended for rainfed, coastal short cycle growing conditions under 12 months harvest and must be harvested by mid-October to avoid the negative effects of flowering. High cane yield, RV% and TonsRV on average and high potential soils. Significant advantage on average potential soils. Good ratooning ability. Good pest and disease tolerance. Acceptable colour.

Limiting features_

Profuse flowering and prone to lodging. Poor millability compared to control varieties.

Yield & quality_



The performance of a variety will vary under different conditions and levels of management. For refined yield and quality information, please consult the SASRI Variety Guide at www.sasri.org.za/varietyguide, where you will be able to rank this variety against others of your choice based on your specific area, irrigation regime, cutting cycle, soil potential and time of harvest.

SERIES

Varieties





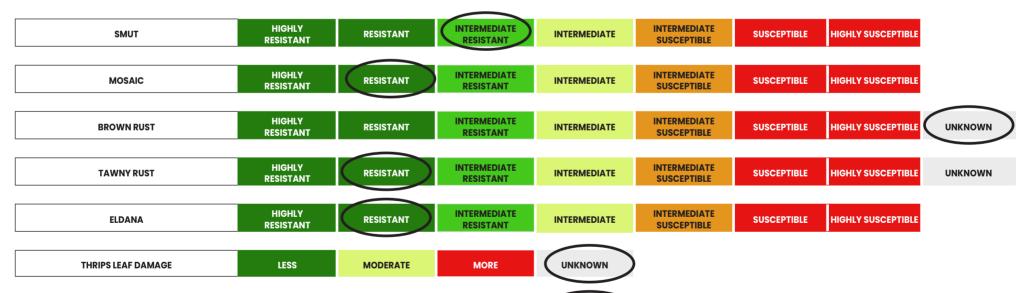
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Varietal Traits

Management Factors	Soil Potential	Agronomic Characteristics
EARLY SEASON HARVEST YES NO	LOW POTENTIAL YES NO	GERMINATION ABILITY FAST MODERATE SLOW
MID-SEASON HARVEST YES NO	AVERAGE POTENTIAL YES NO	CANOPY DEVELOPMENT FAST MODERATE SLOW
LATE SEASON HARVEST YES NO	HIGH POTENTIAL YES NO	STALK POPULATION HIGH MODERATE LOW
SUITABILITY FOR CARRYOVER YES NO		STALK HEIGHT TALL MODERATE SHORT
SUITABILITY FOR FROST POCKETS YES NO UNKNOWN		FLOWERING SPARSE MODERATE PROFUSE
		LODGING ERECT AVERAGE SEVERE
		TOLERANCE TO WATER STRESS GOOD MODERATE POOR UNKNOWN
		TOLERANCE TO WATER LOGGING GOOD MODERATE POOR UNKNOWN

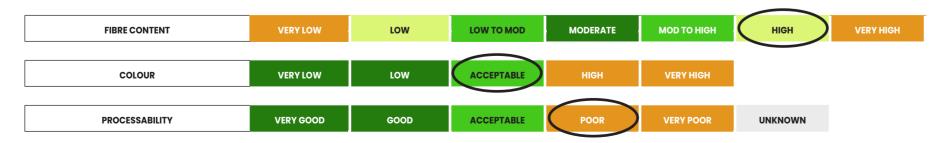


Reaction to Pests & Diseases











N77 Identification Guide

Habit and General Appearance.

Upright growth structure, slightly open growth habit and good population.

Leaf

Blade: Very narrow and pointy but bending at the tips. No genetic markings.

Sheath: Medium adherence to the stalk. Course hairs present.

Collar: Profuse hairs protruding (a beard).

Auricle: Present and visible on both sides, small in size.

Stalk

Internode

Appearance: Conoidal shape: thick at the bottom node and narrows to the centre. Yellow-green in colour when not exposed to the sun and turns greenish when exposed to the sun. Lightly covered with wax and brown blotches.

Wax band: Distinct and broad-width band, with medium-thick wax.

Bud furrow: Present and visible but with a medium indentation.

Node

- **Growth ring:** Raised/protruding distinguishable, and slightly darker colour than the rest of the stalk.
- **Root band:** Generally has three rows of root primordia with distinct brownish centres, flat on new nodes but slightly raised
- Sheath scar: Distinct and protruding.
- **Bud:** Round in shape. Positioned within the root band but the tip extends slightly over the growth ring.
- Flange: Thin and brownish colour.





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