

### Introduction.

Recommended for planting and harvesting in all soils on an 18 to 24 month cutting cycle in the Midlands and high altitude regions. It can also do well in the coast and hinterland areas on a 12 -15 months cycle.

### Best features.

Recommended for planting and harvesting in all soils on an 18 to 24 month cutting cycle in the Midlands and Hinterland regions and can do well on a 12–15 months cutting cycle. High cane yield, high RV% and high Tons RV yield. Excellent ratooning ability. Broadly adapatable. Good resistance to smut, mosaic, brown rust and eldana. High stalk population.

### Limiting features.

High flowering when planted in coastal areas. Thin stalks.

### 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.



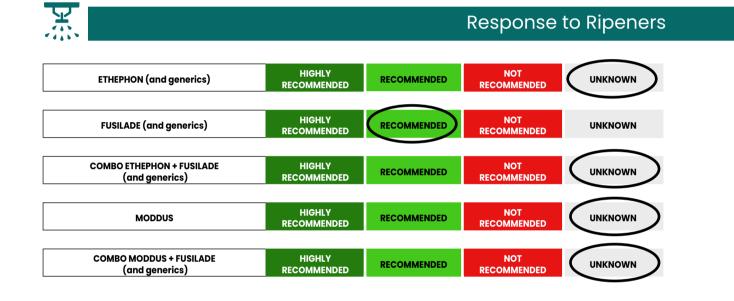




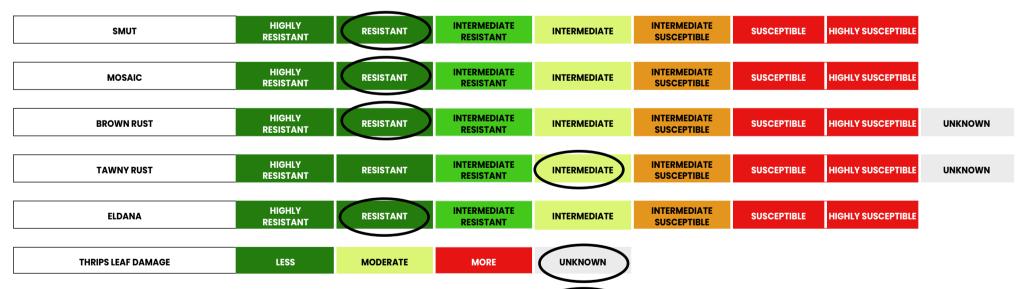


## Varietal Traits

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

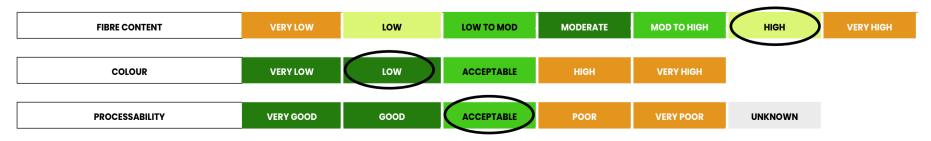


#### **Reaction to Pests & Diseases**











# N78 Identification Guide

### Habit and General Appearance.

Slight upright growth structure, good population.

#### Leaf\_

- Blade: Narrow to medium width. Has a slight bend. No genetic markings.
- **Sheath:** Medium adherence to the stalk. Very slight wax present. Short, soft and profuse hairs present. Has reddish blotches.
- **Collar:** Small but distinguishable and has very light-yellow colour. Has small hairs protruding (a beard).
- Auricle: Absent

#### Stalk\_

#### Internode

Appearance: Cylindrical shape, covered with wax. Older internodes have a darker green - yellow colour with a dark green blotch at the top of the internode below the sheath scar. The younger internodes have a pale-yellow green colour.

Wax band:	Blends in with the rest of the stalk. Not clearly
	distinguishable.

Bud furrow: Absent.

#### Node

Growth ring:	Raised/protruding. Distinguishable but with same colour as the rest of the stalk.
Root band:	Generally, has two rows of root primordia with brownish centres, flat on new nodes but raised on older nodes.
Sheath scar:	Protruding with a neat detachment.
Bud:	Oval shape. Positioned within the root band.
Flanae:	Thick and clearly distinguishable with red edges.





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