

### Introduction\_

Recommended and bred for humic soils on a longer cutting cycle of 18 to 24 months in the Midlands and can also do well in the coast and hinterland areas on a 12-15 months cycle.

#### Best features\_

Recommended and bred for hinterland and midlands regions under a wide range of soil conditions and on a longer harvesting cycle (18 to 24 months) and can do well on a 12-15 months cutting cycle. High cane and RV yields on a wide range of soils. Good canopy formation. Less prone to lodging. Good ratooning ability. Good pest and disease ratings.

#### Limiting features

None identified at this stage.

#### 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.







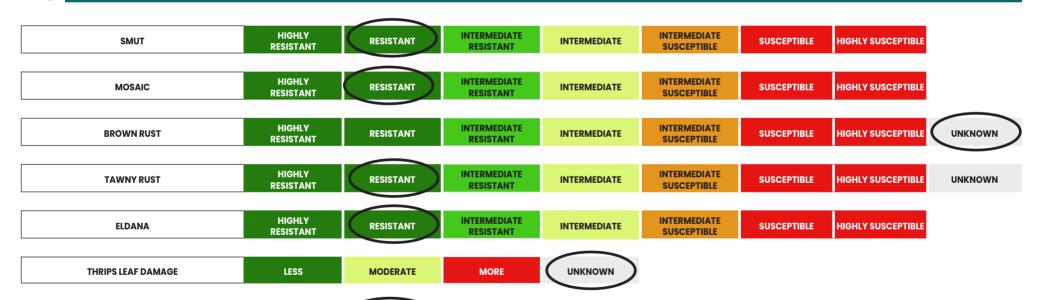


## Varietal Traits

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

			Response to Ripeners
ETHEPHON (and generics)	HIGHLY RECOMMENDED	RECOMMENDED	NOT RECOMMENDED
FUSILADE (and generics)	HIGHLY RECOMMENDED	RECOMMENDED	NOT RECOMMENDED
COMBO ETHEPHON + FUSILADE (and generics)	HIGHLY RECOMMENDED	RECOMMENDED	NOT RECOMMENDED
MODDUS	HIGHLY RECOMMENDED	RECOMMENDED	NOT RECOMMENDED
COMBO MODDUS + FUSILADE (and generics)	HIGHLY RECOMMENDED	RECOMMENDED	NOT RECOMMENDED

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











# N74 Identification Guide

Habit and General Appearance.

Upright and densely populated thick stalks				
Leaf				
Blade: Mediu	um width, upright with droopy tips			
	ng adherence to the stalk, Reddish purple colour tint, heavily covered wax, has profuse soft fine hairs			
Collar: Indist	inct, similar to the sheath in colour, medium in size			
Auricle: Pres	ent and very distinct but only one side, long in size			
Stalk				
Internode				
Appearance:	Slight zigzag at the bottom, internodes are thick at the base and thinner in the middle. The stalk is heavily covered with wax.			
Wax band:	Thick wax layer but indistinct because it blends with the heavily waxed stalk			
Bud furrow:	Present and long but not very deep			
Growth ring:	Flat, similar colour to stalk colour, medium in size			
Root band:	Few primordia, very flat in younger nodes and raised in older nodes			
Sheath scar:	Slightly raised with a clean detachment of the sheath			
Bud:	Oval in shape and is within the root band, older buds have a reddish purple colour stripe on the centre			

whereas younger buds have a slight indentation in the

Flange: Distinct and thick





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