

## Introduction

Recommended for planting in the hinterland and midlands regions under a wide range of soil conditions and harvest ages (preferably older than 15 months).

### Best features.

Very high RV yields achieved in the hinterland and midlands regions on both sandy and humic soils. Suitable for valley bottoms and wetter areas. Performs well on lower slopes on the better, sandy soils. Also suited to frost pockets in the midlands. Ripener recommended if harvesting on short cutting cycle due to low RV content. Not recommended for coastal regions on an annual harvesting cycle. Low stalk population with thick, heavy stalks. Ratooning ability is good, except through thick crop residue blanket. Very quick germination and canopy closure

## Limiting features.

Performance on the coast on an annual harvesting cycle has been poor. Plant with caution as high levels of smut and eldana have been observed in the midlands region. Cosmetic pokkah boeng is common in summer. Brittle stalks. Do not age beyond 22 months. Does not ratoon well through a thick crop residue blanket and if stools are driven over, especially when wet.

## 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.



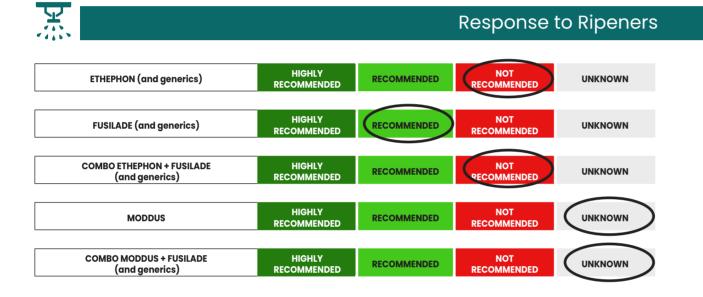
Varieties





## **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**











# N48 Identification Guide

## Habit and General Appearance\_

Low stalk population, thick stalks; slightly open growth habit; tendency to lodge when cane yield is high.

Leaf		
<b>Blade:</b> Medium to broad width of leaf blade at the longitudinal mid-point; erect leaves; tends towards having a big canopy; flat ligule		
<b>Sheath:</b> Medium adherence to the stalk; coarse hairs present on the sheath; green sheath with purple markings		
Collar: Mediu	im to broad collar; dark green; waxy	
Auricle: Inner auricle is broad; medium to long and quite pointed; outer auricle is short and broad		
Stalk		
Internode		
Appearance:	Obconoidal (narrow at the bottom of the internode near the bud, wider at the top of the internode); very weak zig-zag alignment of the stalk; cracks sometimes present on older internodes; yellow-green in colour	
Wax band:	Narrow, fairly distinct wax band	
Bud furrow:	Distinct; only extends half way up the internode	
Node		
Growth ring:	Raised; distinct	
Root band:	Yellow; darker yellow on older nodes; more than 2 rows of primordia	
Sheath scar:	Protrudes; untidy; quite distinct	
Bud:	Triangular-pointed bud; extends well beyond the growth ring	
Flange:	Distinct; extends almost all round the bud	



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