



# Information Sheet

## Variety N67

### Introduction

Recommended for planting on average and high potential soils on a shorter cutting cycle of 12 to 14 months in the coastal rainfed regions.

### Best features

Recommended for planting in the coastal regions on moderate to high potential soils on an annual harvesting cycle (12 - 14 months). Very high RV yields in the coastal regions on moderate to high potential soils on an annual harvesting cycle (12 - 14 months). Good and stable ratooning ability. Good combination of high cane yield and high RV content. Rare flowering. Not prone to lodging. Good disease resistance. Initial observations are that thrips and YSA cause mild damage in this variety.

### Limiting features

Intermediate resistance to eldana. Not recommended for carry over where eldana is a problem. IPM is recommended practice for eldana control. Tawny rust has been observed on this variety.

### 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](http://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.



Management Factors

EARLY SEASON HARVEST	YES	NO	
MID-SEASON HARVEST	YES	NO	
LATE SEASON HARVEST	YES	NO	
SUITABILITY FOR CARRYOVER	YES	NO	
SUITABILITY FOR FROST POCKETS	YES	NO	UNKNOWN



Soil Potential

LOW POTENTIAL	YES	NO
AVERAGE POTENTIAL	YES	NO
HIGH POTENTIAL	YES	NO



Agronomic Characteristics

GERMINATION ABILITY	FAST	MODERATE	SLOW	
CANOPY DEVELOPMENT	FAST	MODERATE	SLOW	
STALK POPULATION	HIGH	MODERATE	LOW	
STALK HEIGHT	TALL	MODERATE	SHORT	
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	UNKNOWN
FUSILADE (and generics)	HIGHLY RECOMMENDED	RECOMMENDED	NOT RECOMMENDED	UNKNOWN
COMBO ETHEPHON + FUSILADE (and generics)	HIGHLY RECOMMENDED	RECOMMENDED	NOT RECOMMENDED	UNKNOWN
MODDUS	HIGHLY RECOMMENDED	RECOMMENDED	NOT RECOMMENDED	UNKNOWN
COMBO MODDUS + FUSILADE (and generics)	HIGHLY RECOMMENDED	RECOMMENDED	NOT RECOMMENDED	UNKNOWN



Reaction to Pests & Diseases

SMUT	HIGHLY RESISTANT	RESISTANT	INTERMEDIATE RESISTANT	INTERMEDIATE	INTERMEDIATE SUSCEPTIBLE	SUSCEPTIBLE	HIGHLY SUSCEPTIBLE	
MOSAIC	HIGHLY RESISTANT	RESISTANT	INTERMEDIATE RESISTANT	INTERMEDIATE	INTERMEDIATE SUSCEPTIBLE	SUSCEPTIBLE	HIGHLY SUSCEPTIBLE	
BROWN RUST	HIGHLY RESISTANT	RESISTANT	INTERMEDIATE RESISTANT	INTERMEDIATE	INTERMEDIATE SUSCEPTIBLE	SUSCEPTIBLE	HIGHLY SUSCEPTIBLE	UNKNOWN
TAWNY RUST	HIGHLY RESISTANT	RESISTANT	INTERMEDIATE RESISTANT	INTERMEDIATE	INTERMEDIATE SUSCEPTIBLE	SUSCEPTIBLE	HIGHLY SUSCEPTIBLE	UNKNOWN
ELDANA	HIGHLY RESISTANT	RESISTANT	INTERMEDIATE RESISTANT	INTERMEDIATE	INTERMEDIATE SUSCEPTIBLE	SUSCEPTIBLE	HIGHLY SUSCEPTIBLE	
THRIPS LEAF DAMAGE	LESS	MODERATE	MORE	UNKNOWN				
YSA LEAF DAMAGE	LESS	MODERATE	MORE	UNKNOWN				



Milling Characteristics

FIBRE CONTENT	VERY LOW	LOW	LOW TO MOD	MODERATE	MOD TO HIGH	HIGH	VERY HIGH
COLOUR	VERY LOW	LOW	ACCEPTABLE	HIGH	VERY HIGH		
PROCESSABILITY	VERY GOOD	GOOD	ACCEPTABLE	POOR	VERY POOR	UNKNOWN	

# N67 Identification Guide

## Habit and General Appearance

Upright growth structure; good canopy; broad leaves; vigorous structure; thick stalks

## Leaf

**Blade:** Broad width leaves; bent leaves; no markings

**Sheath:** Medium adherence to the stalk, waxy; spiny short hairs present; green with dark purplish- tinge

**Collar:** Medium width size, brownish colour

**Auricle:** Present only on one side (underlapping side); small, flat and triangular

## Stalk

### Internode

**Appearance:** Conoidal shape (narrow at top of the internode, broad at the bottom of internode); light yellow in colour but dark yellow green when exposed to the sun; internodes are moderately staggered (moderate zig-zag alignment)

**Wax band:** Narrow but distinct; medium waxed

**Bud furrow:** Slight indentation not always present

### Node

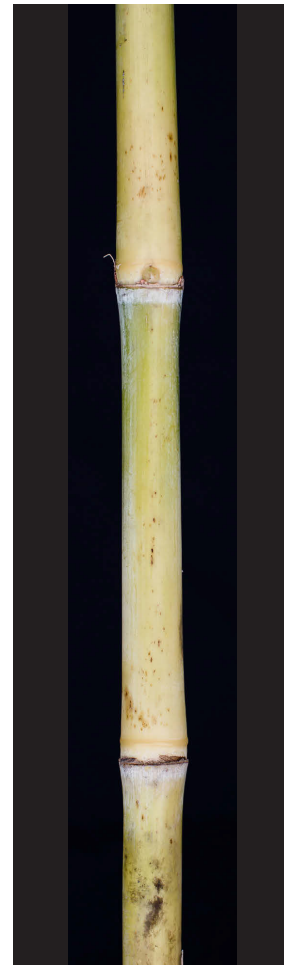
**Growth ring:** Protruding and distinct; darker colour in younger nodes but same colour as the rest of the stalk in older nodes

**Root band:** Very narrow and flat; sparse primordia that are flat and indistinct

**Sheath scar:** Distinct; untidy (jagged); protruding

**Bud:** Round shape; medium size always within the root band

**Flange:** Medium and indistinct.



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