



# Information Sheet

## Variety N33

### Introduction

Recommended for planting in weak coastal sands (red and grey sands) and low potential soils on a 15 to 18 month harvesting cycle.

### Best features

Can be planted in weak coastal sands (red and grey sands) and low potential soils on a 15 to 18 month harvesting cycle.

### Limiting features

Avoid planting on cool, moist slopes due to susceptibility to rust. Poor performance reported on shales.

### 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	Soil Potential	Agronomic Characteristics
EARLY SEASON HARVEST	LOW POTENTIAL	GERMINATION ABILITY
MID-SEASON HARVEST	AVERAGE POTENTIAL	CANOPY DEVELOPMENT
LATE SEASON HARVEST	HIGH POTENTIAL	STALK POPULATION
SUITABILITY FOR CARRYOVER		STALK HEIGHT
SUITABILITY FOR FROST POCKETS		FLOWERING
		LODGING
		TOLERANCE TO WATER STRESS
		TOLERANCE TO WATER LOGGING

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
TAWNY RUST	HIGHLY RESISTANT	RESISTANT	INTERMEDIATE RESISTANT	INTERMEDIATE	INTERMEDIATE SUSCEPTIBLE	SUSCEPTIBLE	HIGHLY SUSCEPTIBLE
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	

# N33 Identification Guide

## Habit and General Appearance

A fairly tall variety that has a high population of thin, purple stalks with a slightly open growth habit. The canopy is erect.

## Leaf

**Blade:** medium to narrow in width; erect; often with bent tips. Light chlorotic blotching usually present on the midrib and also on the blade near the base.

**Sheath:** Light green with some purple patches; on exposure turns dark purple. No hairs present.

**Collar:** Medium width; light yellow with some purple.

**Auricle:** Absent

## Stalk

### Internode

**Appearance:** Thin, slightly staggered; fairly short; purple with dark purple just above the growth ring. All turn to dark purple on exposure. There is a lot of wax bloom, and sometimes sooty black patches are present.

**Wax band:** Medium in width; fairly distinct.

**Bud furrow:** Usually absent.

### Node

**Growth ring:** Medium in width; light yellow, turning to purple on the older nodes. Protrudes slightly.

**Root band:** Medium to narrow width; yellow. Root primordia have slightly purple centres.

**Sheath scar:** Neat

**Bud:** Medium; round; often arising from within the sheath scar.

**Flange:** Medium to narrow in width; arises well above the centre of the bud. The flange usually just reaches the growth ring.



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