



# Information Sheet

## Variety N35

### Introduction

Recommended for high yield potential conditions along the coast on an annual cutting cycle. Not recommended for carryover.

### Best features

Only recommended for high yield potential conditions along the coast on an annual cutting cycle.

### Limiting features

Intolerant of water stress and poorly drained soils. Not recommended for carryover. In Midlands, maximum harvest age is 14 months due to susceptibility to eldana. Very high losses experienced due to eldana when aged and carried over along the coast. Occasionally been observed with brown rust.


### 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	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	

# N35 Identification Guide

## Habit and General Appearance

An erect variety that has a good population of fairly thin stalks, with a light green-yellow canopy of narrow leaves.

## Leaf

**Blade:** Narrow, fairly long and arched; light green-yellow in colour.

**Sheath:** light green-yellow, with a few hairs sometimes present. The entire stalk is usually covered with claspings trash, which can be peeled away fairly easily.

**Collar:** Narrow, green-purple.

**Auricle:** Usually absent; when present it is small.

## Stalk

### Internode

**Appearance:** Fairly thin, purple, sometimes with a bit of green present, becoming darker purple on exposure. Often sooty black patches are present. The centre of the internode is slightly thinner than the ends.

**Wax band:** Medium to narrow, usually not very distinct.

**Bud furrow:** rarely present; when it is present it is usually on older internodes and not very distinct.

### Node

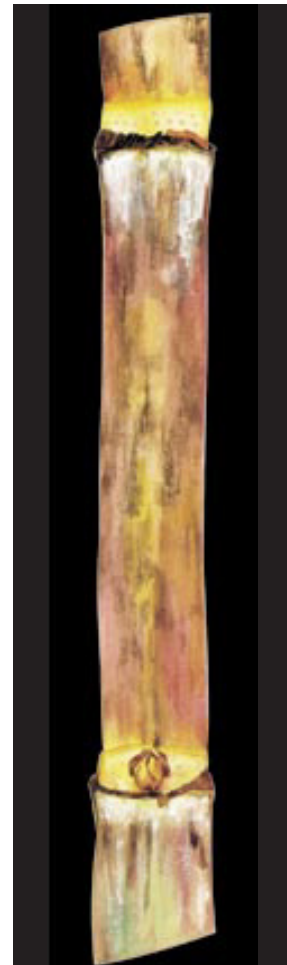
**Growth ring:** Yellow-green and narrow to medium in width, protruding slightly.

**Root band:** Yellow-green and medium in width, with aerial rooting sometimes present.

**Sheath scar:** Usually neat.

**Bud:** round or slightly longer than broad; sometimes a narrow space can occur between the bud and leaf scar.

**Flange:** Narrow to medium-brown, arises at the middle of the bud and reaches the growth ring.



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