



# Information Sheet

## Variety N27

Rainfed

### Introduction

Recommended for rainfed conditions for a wide range of coastal growing conditions on an annual harvesting cycle.

### Best features

Good RV yields on heavy clay soils on annual harvesting cycle. Good performance during times of moisture stress and drought. Some tolerance to waterlogging has been observed. Initial observations are that thrips will cause mild damage in this variety.

### Limiting features

Susceptible to eldana, carry over is not recommended. Flowering can be profuse. Not recommended for a longer harvesting cycle and the hinterland areas.

### 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	

# N27 Identification Guide

## Habit and General Appearance

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A fairly erect variety with a good population. Canopy has a slightly droopy appearance, and in cool conditions can have a distinctly purple tinge.

## Leaf

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**Blade:** Medium width; sometimes has a slightly speckled, yellowish midrib on the underside. In young cane or cool conditions, the edge of the blade is purplish. There may also be a purplish tinge towards the tip of the blade.

**Sheath:** Sometimes with hairs; light green with purplish mottling and/or patches. In good growing conditions, purplish colouring is virtually absent.

**Collar:** Medium to narrow; often purplish.

**Auricle:** Usually present; small and fairly broad; on one side only.

## Stalk

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### Internode

**Appearance:** Medium diameter; yellowy, particularly on lower part. Has a pinkish tinge, turning to purple on exposure. A fair amount of wax coating present.

**Wax band:** Narrow to medium width; can be indistinct.

**Bud furrow:** Normally absent.

### Node

**Growth ring:** Yellow to yellowish-green and distinct in younger internodes.

**Root band:** Yellow; medium to narrow; often with two rows of root primordia.

**Sheath scar:** Does not protrude below the bud.

**Bud:** Medium to small; round.

**Flange:** Medium width; usually extends beyond the growth ring.



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