



Information Sheet

Variety N56

Rainfed

Introduction

Recommended for coastal and hinterland growing conditions on a wide range of soils and harvested on a long cutting cycle (15 to 18 months).

Best features

Good general pest and disease resistance. This variety has a very high level of eldana resistance. High stalk population. Initial observations are that thrips will cause mild damage in this variety.

Limiting features

Mediocre RV yields measured with 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, 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	

N56 Identification Guide

Habit and General Appearance

N56 is a high population variety with medium stalks, with a fairly erect growing habit. The canopy is uniform and good; the leaves are fairly erect with a slight bend near the tip and are of medium to narrow width. The trash is adhering and abundant.

Leaf

Blade: Dark green; medium to narrow width. Overlapping leaf absent.

Sheath: Green sheath with bright red blotches present. Abundant soft hairs present.

Collar: Yellow-green collar, darker than sheath.

Auricle: Under-lapping; very distinct, very long, lanceolate.

Stalk

Internode

Appearance: The internodes are long and slightly barrel-shaped. They are yellow-green in colour but darker-green on exposure. The internodes have abundant wax bloom on them. The stalk can have a slight zigzag alignment.

Wax band: Narrow

Bud furrow: None

Node

Growth ring: Prominent, medium to wide, darker colour than internode.

Root band: Medium width, lighter colour than internode, 3 rows of root primordia.

Sheath scar: Neat, sagging below bud.

Bud: Round and small to medium size; in middle of the root band.

Flange: Small, top half of bud.



January 2024

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