

Information Sheet

Variety N37

Introduction

Recommended for good growing conditions and humic soils in the hinterland and midlands regions. This variety should not be aged over 20 months due to susceptibility to eldana and quality deterioration with age.

Best features

Better yield performance under favourable growing conditions and on humic soils in the hinterland and midlands regions. Quick germination and canopy closure in plant and ratoon crops. Good payloads achieved due to high stalk population with high sucrose content. Initial observations are that thrips will cause mild damage in this variety.

Limiting features.

Do not age beyond 20 months due to susceptibility to eldana and quality deterioration with age. Very susceptible to eldana. Moderate to severe brown rust observed in cooler areas. Initial observations are that this variety is susceptible to YSA.

Yield & quality_

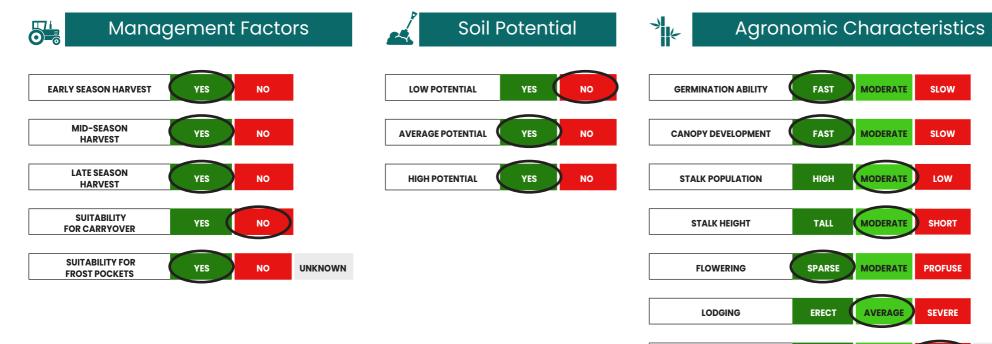


The performance of a variety will vary under different conditions and levels of management. For refined yield and quality information, please consult the SASRI Variety Guide at www.sasri.org.za/varietyguide, where you will be able to rank this variety against others of your choice based on your specific area, irrigation regime, cutting cycle, soil potential and time of harvest.



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N37 Varietal Traits



TOLERANCE TO WATER STRESS

TOLERANCE TO WATER LOGGING

MODERATE

MODERATE

GOOD

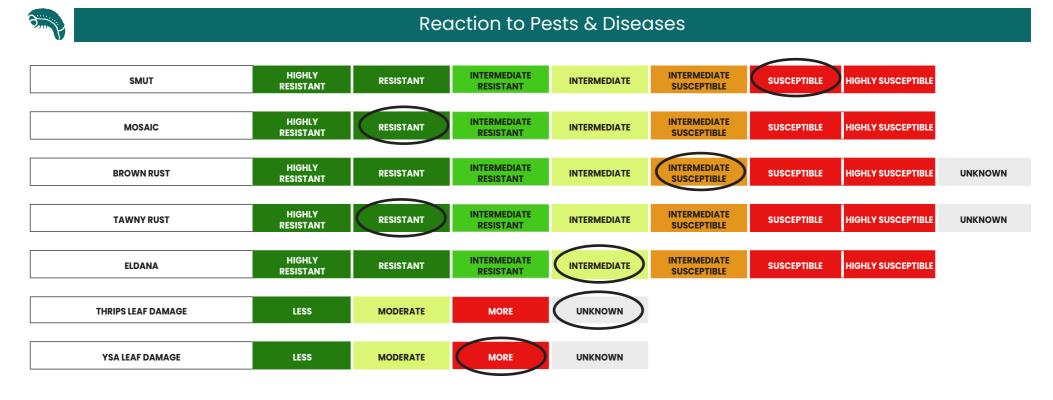
UNKNOWN

UNKNOWN

Response to Ripeners HIGHLY RECOMMENDED NOT RECOMMENDED UNKNOWN RECOMMENDED ETHEPHON (and generics) RECOMMENDED FUSILADE (and generics) UNKNOWN COMBO ETHEPHON + FUSILADE HIGHLY RECOMMENDED NOT RECOMMENDED UNKNOWN (and generics) **MODDUS** RECOMMENDED UNKNOWN

RECOMMENDED

HIGHLY RECOMMENDED



NOT RECOMMENDED

UNKNOWN





COMBO MODDUS + FUSILADE

(and generics)

N37 Identification Guide

Habit and General Appearance.

Stalk population is high, and the stalks are medium to thin in diameter. The growth habit is erect. The canopy is dense and fairly light coloured, with erect leaves of medium to narrow width.

Leaf

Blade: Medium to narrow; erect; often with bent leaf tips.

Sheath: Yellow-green with some wax bloom. Usually no hairs present. The trash is

fairly difficult to remove.

Collar: medium width, green-yellow, sometimes with purple.

Auricle: Small to medium.

Stalk

Internode

Appearance: Medium in length and fairly thin. Often there are corky patches present.

Light yellow in colour, becoming yellow-green on exposure.

Wax band: Medium width; fairly distinct.

Bud furrow: None

Node

Growth ring: Medium to broad in width; protruding slightly; light

green-yellow.

Root band: Medium to narrow in width; light green-yellow in colour.

Normally there are two rows of root primordia.

Sheath scar: Protrudes slightly below the bud.

Bud: Small; round; arises at the sheath scar, but some times

there can be a small space between the bud and the

sheath scar.

Flange: Narrow; arises towards the top of the bud. Normally just

reaches the growth ring.





January 2024