

# **Information Sheet**

## Variety N51

## Introduction

Recommended for planting in coastal and hinterland regions on moderate to low potential soils on a longer harvesting cycle (15 - 18 months).

## Best features

Better yields achieved on a longer harvesting cycle (15 - 18 months), however reasonable yields have been achieved at 12 months. Good disease resistance

## Limiting features.

Very low sucrose content. Severe lodging has been observed under good growing conditions. Slow germination and establishment has been observed, especially after HWT. Good planting conditions required for crop establishment.

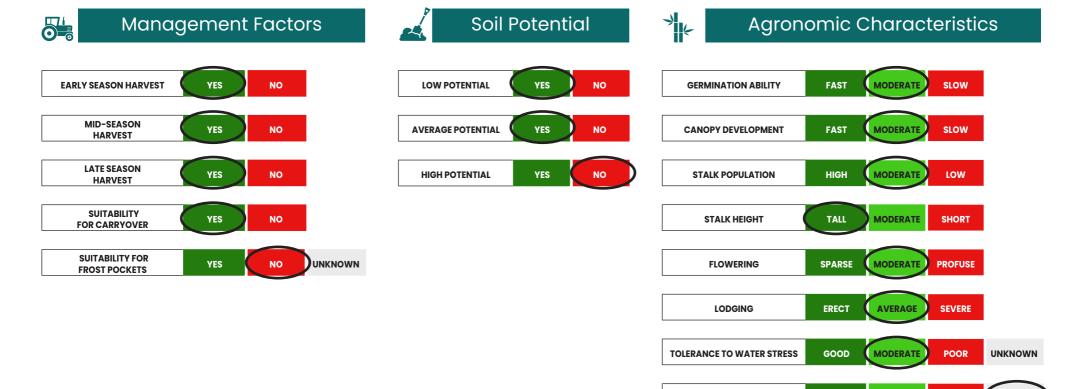
## Yield & quality\_



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.



**N51 Varietal Traits** 



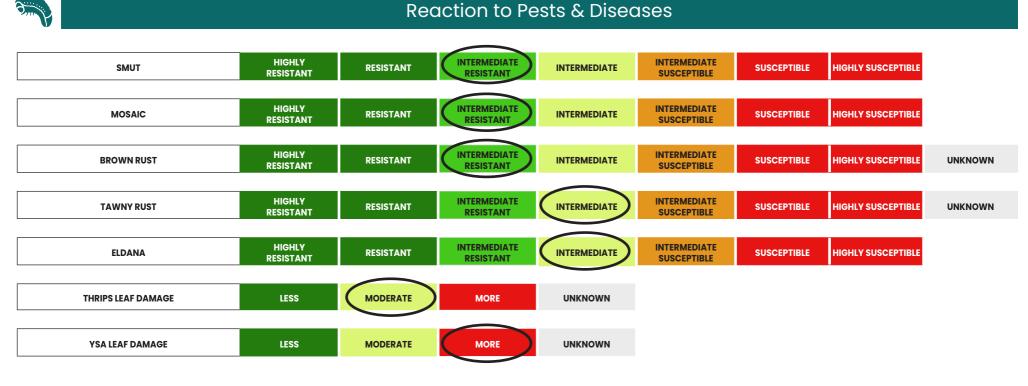
**TOLERANCE TO WATER LOGGING** 

GOOD

MODERATE

UNKNOWN

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







(and generics)

## **N51** Identification Guide

## Habit and General Appearance.

Average stalk diameter; large canopy.

### Leaf

**Blade:** Erect and spiky leaves; leaves of medium width; large ligule; some ring spot

present.

**Sheath:** Clinging crop residue; strong adherence to stalk; waxy; no hairs present;

green; darker on exposure.

Collar: Dark green; medium collar.

Auricle: Inner auricle very distinct, tall, pointed and broad; outer auricle is small and

indistinct.

### Stalk

#### Internode

**Appearance:** Long internodes; conoidal (narrow at top of internode, broad at bottom

of internode); yellow-green when not exposed to sun; dark green on exposure to sun; corky markings present; slight zig-zag alignment of

stalk; brown blotches present; cracks sometimes present.

Wax band: Medium width; fairly distinct.

**Bud furrow:** Very slight bud furrow present on younger internodes.

Node

**Growth ring:** Protrudes slightly; indistinct; same colour as internode.

**Root band:** Narrow root band; wider at bud; two rows of primordia.

**Sheath scar:** Distinct; not perpendicular to stalk.

**Bud:** Ovate; medium size; same colour as stalk.

**Flange:** Distinct, fairly large flange; more distinct on older buds.





January 2024