

# Information Sheet

# Variety N66

## Introduction

Recommended and bred for planting in humic soils on a longer cutting cycle of 18 to 24 months in the rainfed high altitude/Midlands regions and can also do well in the coast and hinterland areas on a 12 -15 months cycle.

## Best features

Recommended and bred for hinterland and midlands regions on a longer cutting cycle (18 - 24 months) on humic and high potential soils and can do well on 12-15 months cycle. High cane and RV yields in humic soils. Good pest and disease resistance. Good milling characteristics. Sparse flowering. Good ratooning.

# Limiting features.

Not suitable for planting in sandy soils. Poor ratooning in sands. Initial observations are that this variety is susceptible to YSA and thrips.

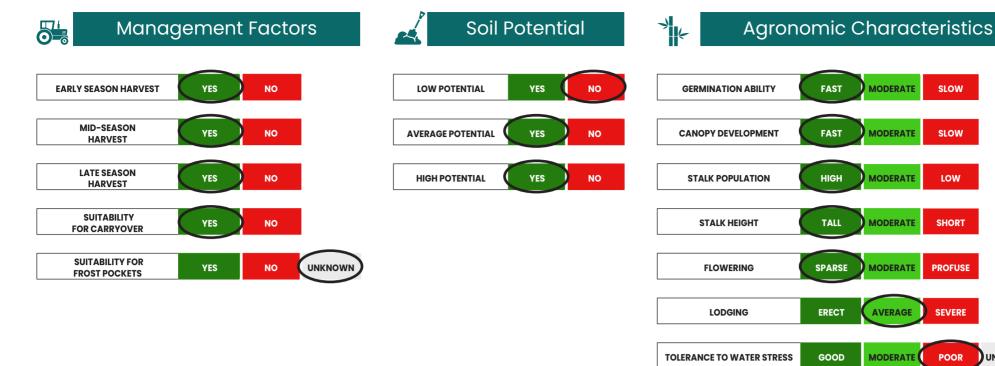
# Yield & quality.



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.



**Varietal Traits N66** 



### Response to Ripeners NOT RECOMMENDED HIGHLY ETHEPHON (and generics) RECOMMENDED UNKNOWN **RECOMMENDED**



LESS

**MODERATE** 

#### Reaction to Pests & Diseases HIGHLY RESISTANT INTERMEDIATE INTERMEDIATE RESISTANT INTERMEDIATE HIGHLY SUSCEPTIBLE SUSCEPTIBLE **SMUT** RESISTANT **SUSCEPTIBLE** INTERMEDIATE INTERMEDIATE RESISTANT INTERMEDIATE SUSCEPTIBLE HIGHLY SUSCEPTIBLE MOSAIC **RESISTANT SUSCEPTIBLE** HIGHLY INTERMEDIATE INTERMEDIATE RESISTANT **INTERMEDIATE** SUSCEPTIBLE HIGHLY SUSCEPTIBLE UNKNOWN **BROWN RUST** RESISTANT **RESISTANT SUSCEPTIBLE** INTERMEDIATE INTERMEDIATE SUSCEPTIBLE HIGHLY SUSCEPTIBLE **TAWNY RUST** RESISTANT UNKNOWN **RESISTANT SUSCEPTIBLE** HIGHLY RESISTANT INTERMEDIATE **INTERMEDIATE RESISTANT** HIGHLY SUSCEPTIBLE **ELDANA** INTERMEDIATE SUSCEPTIBLE **RESISTANT SUSCEPTIBLE** THRIPS LEAF DAMAGE LESS **MODERATE** MORE UNKNOWN



UNKNOWN

UNKNOWN

UNKNOWN

GOOD

MODERATE

**TOLERANCE TO WATER LOGGING** 

**YSA LEAF DAMAGE** 

# **N66** Identification Guide

# Habit and General Appearance

Upright growth structure, slightly open growth habit, good population, purplish and waxy leaf sheath are quite distinct.

### Leaf

Blade: Erect leaves bending near the tip. Medium width. No markings.

**Sheath:** Medium adherence to the stalk. Light green colour with a purple tinge. Waxy.

Slight short spiny hairs present.

Collar: Darker green that the rest of the leaf, medium width.

Auricle: Present on both sides, has hairs, very short but the underlapping side is

bigger.

## Stalk

### Internode

Appearance: Cylindrical in shape, yellow green colour but grey brown when exposed

to the sun. There is a slight zigzag alignment. Some corky markings

present.

**Wax band:** Distinct and narrow, medium wax.

**Bud furrow:** Present but short and shallow.

Node

Growth ring: Distinct, flat and darker than the rest of the stalk, runs

behind the bud.

**Root band:** Narrow band, raised primordia with darker centres

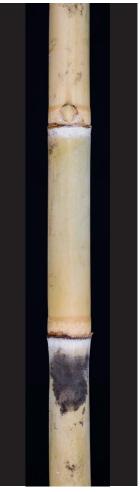
mostly in 2 rows.

**Sheath scar:** Distinct, slight protrusion, slight curve below the bud.

**Bud:** Round in shape, tip extends over the growth ring,

younger buds are ovate.

**Flange:** Narrow and distinct, has a bit darker colour.





January 2024