

Information Sheet

Variety N25

Introduction

Recommended for moderate to low potential conditions in irrigated regions.

Best features.

Good relative performance on sandy and shallow soils and during drought at times of water restrictions. Can be planted on water logged and sodic soils. Best when harvested mid to late season (Jun to Aug). Must apply chemical ripening if harvesting in the early season (Apr/May). Good ratooning ability. Rapid germination and quick ratoon regrowth. While Ethephon and Fusilade Forte and their generics are recommended as suitable chemical ripeners for N25, the combination treatment is highly recommended for this variety.

Limiting features

Avoid planting on gravel soils. Stalks can be brittle and can break when lodging takes place. Severe infestations of smut have been observed in irrigated north. Avoid harvesting in the late season in the lowveld when smut is a problem. Rogueing is essential. Lodging may be an issue at high tonnages. Moderate to severe infestations of tawny rust have been observed. Highly susceptible to RSD. Poor RV% in early season - must ripen (Apr/May).

Yield & quality.

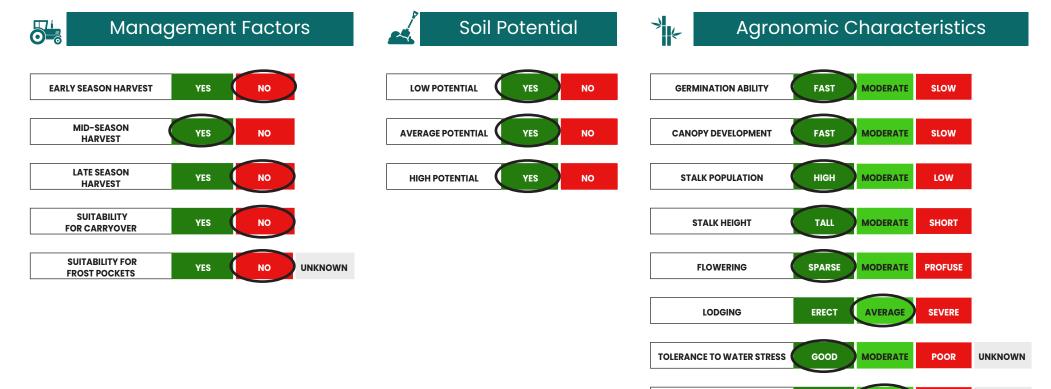


The performance of a variety will vary under different conditions and levels of management. For refined yield and quality information, please consult the SASRI Variety Guide at www.sasri.org.za/varietyguide, where you will be able to rank this variety against others of your choice based on your specific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





Varietal Traits N25



TOLERANCE TO WATER LOGGING

GOOD

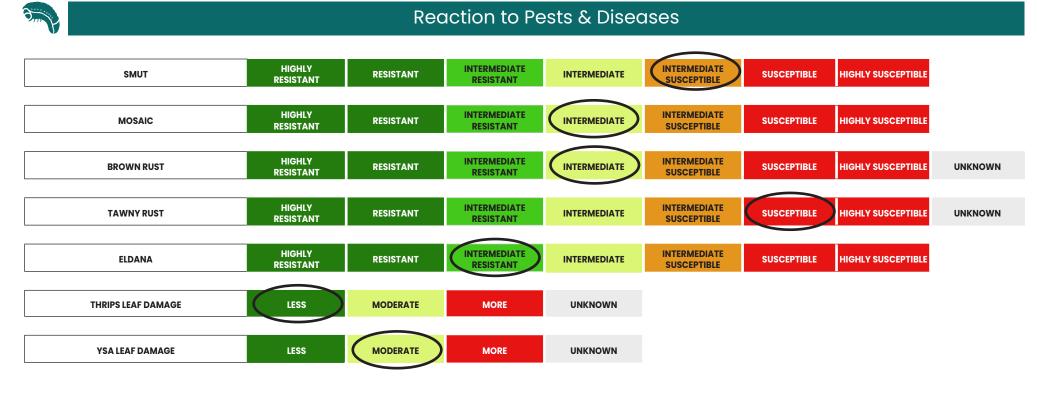
MODERATE

POOR

UNKNOWN

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

RECOMMENDED



UNKNOWN





(and generics)

N25 Identification Guide

Habit and General Appearance_

A tall, erect, attractive variety with a fairly dense canopy of dark green leaves. Prone to scorching of the leaf tips on very hot days.

Leaf

Blade: Medium width; fairly dark green in colour.

Sheath: Purplish where exposed, otherwise light green with a lot of wax bloom. No

hairs present, except on young cane. Trash clings fairly tightly.

Collar: Medium to narrow; yellowish in colour, often outlined with purple.

Auricle: Short and broad, although often absent.

Stalk

Internode

Appearance: Yellowish; sometimes with a tinge of green, turning to pink on exposure.

Wax band: Narrow; can be distinct.

Bud furrow: Slight; can be more distinct in the younger internodes.

Node

Growth ring: Yellow in older cane; yellowish-green to green in

younger nodes. Protrudes slightly.

Root band: Yellow to yellowish-green at the top of the stalk;

medium to narrow in width.

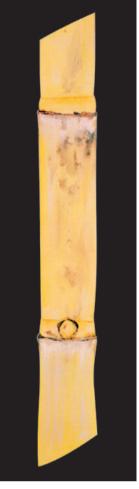
Sheath scar: Usually neat; protrudes slightly.

Bud: Medium sized; slightly oval. Frequently extends beyond

the growth ring. Young buds often green towards the

top.

Flange: Fairly narrow.





January 2024