



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.



Management Factors

EARLY SEASON HARVEST	YES	NO	
MID-SEASON HARVEST	YES	NO	
LATE SEASON HARVEST	YES	NO	
SUITABILITY FOR CARRYOVER	YES	NO	
SUITABILITY FOR FROST POCKETS	YES	NO	UNKNOWN



Soil Potential

LOW POTENTIAL	YES	NO
AVERAGE POTENTIAL	YES	NO
HIGH POTENTIAL	YES	NO



Agronomic Characteristics

GERMINATION ABILITY	FAST	MODERATE	SLOW	
CANOPY DEVELOPMENT	FAST	MODERATE	SLOW	
STALK POPULATION	HIGH	MODERATE	LOW	
STALK HEIGHT	TALL	MODERATE	SHORT	
FLOWERING	SPARSE	MODERATE	PROFUSE	
LODGING	ERECT	AVERAGE	SEVERE	
TOLERANCE TO WATER STRESS	GOOD	MODERATE	POOR	UNKNOWN
TOLERANCE TO WATER LOGGING	GOOD	MODERATE	POOR	UNKNOWN



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	UNKNOWN
TAWNY RUST	HIGHLY RESISTANT	RESISTANT	INTERMEDIATE RESISTANT	INTERMEDIATE	INTERMEDIATE SUSCEPTIBLE	SUSCEPTIBLE	HIGHLY SUSCEPTIBLE	UNKNOWN
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	

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.



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