



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.



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	

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 than 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.



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