



Information Sheet

Variety N82

Introduction

Recommended for planting and harvesting all-year in the coastal regions for harvesting at 15 to 18 months.

Best features

High cane and RV yields, good ratooning, broad adaptability across soil types.

Limiting features

Marginally low RV% under good growing conditions in early harvested crops.

Yield & quality

Tons RV	115% of N55; 138% of N39; 107% of N59 in coastal high cane yield 113% of N55; 112% of N39; 126% of N59 in coastal average cane yield
Cane yield	130% of N55; 145% of N39; 109% of N59 in coastal high cane yield 118% of N55; 116% of N39 & N59 in coastal average cane yield
RV content	96% of N55, N39, N59 in coastal high cane yield 95% of N55 & N39; 106% of N59 in coastal average cane yield
Fibre content	95% of N55; 94% of N58
Purity %	99% of N55; 101% of N59
Best for coastal long cycle growing conditions for harvesting 15 to 18 months.	



The performance of a variety will vary under different conditions and levels of management. Please consult the SASRI Variety Guide at www.sasri.org.za/varietyguide for relative rankings of 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
RATOONING	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
ORANGE 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	

N82 Identification Guide

Habit and General Appearance

Upright growth structure, with narrow leaves but good canopy and good population.

Leaf

Blade: Narrow width and erect, bending towards the tip. The base of the leaves has yellowish markings on both sides. Very narrow midrib.

Sheath: Strong adherence to the stalk, coarse and short hairs present, lightly covered with wax

Collar: Small and distinct with light green colour and small in width.

Auricle: Present on one side, very small, breaks off from matured leaves.

Stalk

Very thick stalks.

Internode

Appearance: Cylindrical in shape, lightly covered with wax, light green with hints of yellow when not exposed to the sun, the colour turns olive green when exposed to the sun. Has corky makings below the wax band.

Wax band: Narrow width band but very distinct with a medium wax layer.

Bud furrow: Absent.

Node

Growth ring: Raised, greyed brown colour, tends to be thin on one side and thicker on the other.

Root band: Medium width band size, alternate root band has obconoidal (thin at the base and thick/broad at the top) light yellow colour, flat primordia, almost two rows of primordia.

Sheath scar: Flat but raised/protruding on the bud side, with a neat detachment, slats/drops on the bud side.

Bud: Small in size but very prominent, bud is positioned within the root band but touches the growth ring, round in shape. Older ones have a dark mark/stripe from centre to the base.

Flange: Thick and very distinct with a darker, brownish colour.



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