



Information Sheet

Variety N69

Introduction

Recommended and bred for humic and sandy 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 under a wide range of soil conditions and on a longer harvesting cycle (18 to 24 months) and can do well on a 12-15 months cutting cycle. High cane and RV yields on a wide range of soils. Good canopy formation. Less prone to lodging. Good ratooning ability. Good pest and disease ratings.




Limiting features


Low RV content but can be ripened.


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	 Soil Potential	 Agronomic Characteristics
EARLY SEASON HARVEST <div>YESNO</div>	LOW POTENTIAL <div>YESNO</div>	GERMINATION ABILITY <div>FASTMODERATESLOW</div>
MID-SEASON HARVEST <div>YESNO</div>	AVERAGE POTENTIAL <div>YESNO</div>	CANOPY DEVELOPMENT <div>FASTMODERATESLOW</div>
LATE SEASON HARVEST <div>YESNO</div>	HIGH POTENTIAL <div>YESNO</div>	STALK POPULATION <div>HIGHMODERATELOW</div>
SUITABILITY FOR CARRYOVER <div>YESNO</div>		STALK HEIGHT <div>TALLMODERATESHORT</div>
SUITABILITY FOR FROST POCKETS <div>YESNOUNKNOWN</div>		FLOWERING <div>SPARSEMODERATEPROFUSE</div>
		LODGING <div>ERECTAVERAGESEVERE</div>
		TOLERANCE TO WATER STRESS <div>GOODMODERATEPOORUNKNOWN</div>
		TOLERANCE TO WATER LOGGING <div>GOODMODERATEPOORUNKNOWN</div>

 Response to Ripeners
ETHEPHON (and generics) <div>HIGHLY RECOMMENDEDRECOMMENDEDNOT RECOMMENDEDUNKNOWN</div>
FUSILADE (and generics) <div>HIGHLY RECOMMENDEDRECOMMENDEDNOT RECOMMENDEDUNKNOWN</div>
COMBO ETHEPHON + FUSILADE (and generics) <div>HIGHLY RECOMMENDEDRECOMMENDEDNOT RECOMMENDEDUNKNOWN</div>
MODDUS <div>HIGHLY RECOMMENDEDRECOMMENDEDNOT RECOMMENDEDUNKNOWN</div>
COMBO MODDUS + FUSILADE (and generics) <div>HIGHLY RECOMMENDEDRECOMMENDEDNOT RECOMMENDEDUNKNOWN</div>

 Reaction to Pests & Diseases
SMUT <div>HIGHLY RESISTANTRESISTANTINTERMEDIATE RESISTANTINTERMEDIATEINTERMEDIATE SUSCEPTIBLESUSCEPTIBLEHIGHLY SUSCEPTIBLE</div>
MOSAIC <div>HIGHLY RESISTANTRESISTANTINTERMEDIATE RESISTANTINTERMEDIATEINTERMEDIATE SUSCEPTIBLESUSCEPTIBLEHIGHLY SUSCEPTIBLE</div>
BROWN RUST <div>HIGHLY RESISTANTRESISTANTINTERMEDIATE RESISTANTINTERMEDIATEINTERMEDIATE SUSCEPTIBLESUSCEPTIBLEHIGHLY SUSCEPTIBLEUNKNOWN</div>
TAWNY RUST <div>HIGHLY RESISTANTRESISTANTINTERMEDIATE RESISTANTINTERMEDIATEINTERMEDIATE SUSCEPTIBLESUSCEPTIBLEHIGHLY SUSCEPTIBLEUNKNOWN</div>
ELDANA <div>HIGHLY RESISTANTRESISTANTINTERMEDIATE RESISTANTINTERMEDIATEINTERMEDIATE SUSCEPTIBLESUSCEPTIBLEHIGHLY SUSCEPTIBLE</div>
THRIPS LEAF DAMAGE <div>LESSMODERATEMOREUNKNOWN</div>
YSA LEAF DAMAGE <div>LESSMODERATEMOREUNKNOWN</div>

 Milling Characteristics
FIBRE CONTENT <div>VERY LOWLOWLOW TO MODMODERATEMOD TO HIGHHIGHVERY HIGH</div>
COLOUR <div>VERY LOWLOWACCEPTABLEHIGHVERY HIGH</div>
PROCESSABILITY <div>VERY GOODGOODACCEPTABLEPOORVERY POORUNKNOWN</div>

N69 Identification Guide

Habit and General Appearance

Upright growth structure with narrow leaves; good canopy and good population

Leaf

Blade: Narrow width and erect, bending slightly near the tip.

Sheath: Very loose adherence to the stalk; without hairs but lightly covered with wax

Collar: Small and distinct with darker brownish colour

Auricle: There is no auricle but there is a tuft of hairs (beard)

Stalk

Internode

Appearance: Cylindrical in shape; moderate zigzag pattern; dark-green colour where exposed to sun; corky markings present

Wax band: Distinct; medium width band and not heavily waxed

Bud furrow: Present; shallow indentation and very short in length

Node

Growth ring: Indented on the older nodes but protruding on younger nodes

Root band: Protruding primordia older nodes but flat on the younger nodes; dark brown centres

Sheath scar: Protruding and rough but a neat detachment

Bud: Small bud positioned within the root band; round in shape with a brownish mark/stripe at the bottom on the centre

Flange: Distinct with a darker brownish colour



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