

Information Sheet

Variety N81

Introduction

Recommended for planting and harvesting all-year in the Irrigated regions and must be harvested at 12 months.

Best features_

Recommended for planting and harvesting all-year in the Irrigated regions and must be harvested at 12 months. High cane yield, high TRV, good ratooning, broad adaptability, resistant to smut resistant.

Limiting features.

Prone to lodging particularly under high cane yield environments. Low RV% in crops harvested from March to May (Early season).

Yield & quality_

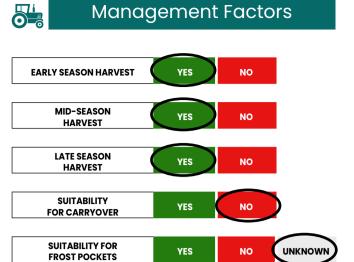


The performance of a variety will vary under different conditions and levels of management. For refined yield and quality information, please consult the SASRI Variety Guide at www.sasri.org.za/varietyguide, where you will be able to rank this variety against others of your choice based on your specific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





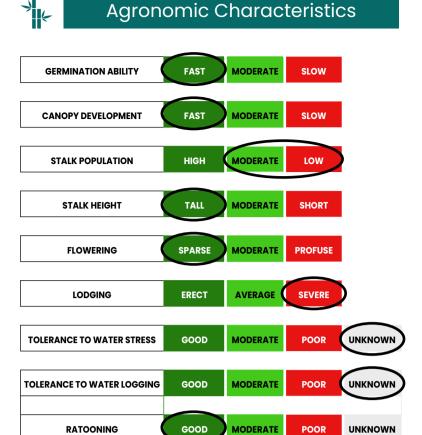
Varietal Traits N81





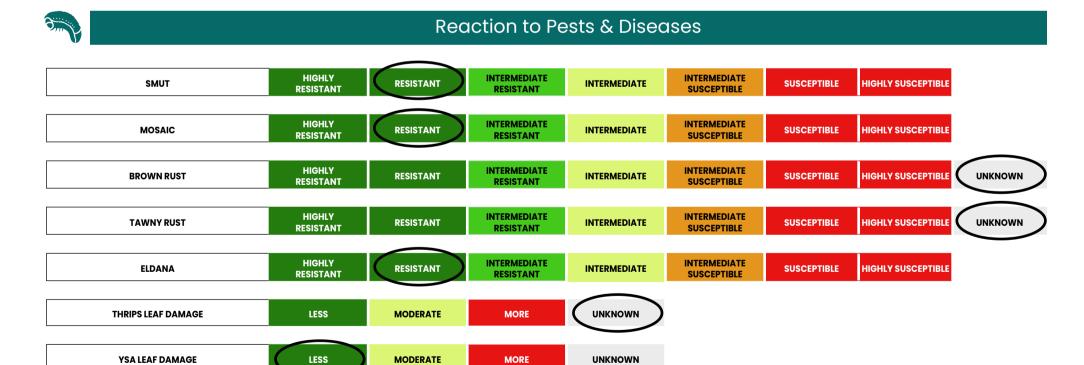






Response to Ripeners









N81 Identification Guide

Habit and General Appearance

Upright growth and vigorous structure, slightly open growth habit, thick stalks, good population.

Leaf

Blade: Broad leaves that narrows and becomes pointy to the tip. The midrib is very

distinct and thick and occasionally has a light colour than the blade.

Sheath: Weak adherence and easy to detach, short and soft (easily break-off) but

prickly hairs on newer sheaths but not hairs on older sheaths.

Collar: Medium sized and dark green colour, darker on older leaves and light colour

on younger leaves.

Auricle: Present on one side, small and elongated with a pointy tip.

Stalk

Very thick stalks.

Internode

Appearance: Light green-yellowish and covered with wax. Newer internodes are

cylindrical in shape and older internodes appear staggered.

Wax band: Narrow width and distinct with medium thick wax.

Bud furrow: Absent.

Node

Growth ring: Distinct and light green in colour on younger internode

but the colour blends in with the rest of the of the

internode older internodes.

Root band: Slanted and uneven size that is wider on the bud side

but narrower on the back. Flat on new nodes and raised on older internodes. Primordia tend to be flat on one side but with some that are slightly raised and textured.

Sheath scar: Flat with ruffles at the back but the bud side is

protruding.

Bud: Positioned within the growth ring, oval in shaped and

has a reddish tinge.

Flange: Clearly distinct, creamy colour and has some hairs fine,

soft hairs on the top very close to the growth ring.





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