

Information Sheet

Variety N46

Introduction.

Recommended for planting in irrigated northern regions on moderate to high potenial soils and harvested late in the season.

Best features

Good yields on average and high potential conditions, harvested in late season (Oct to Dec). Good ratooning ability observed. Relative yield advantage improves with ratoons. Rapid and reliable germination and canopy formation. High stalk population. Good disease resistance. Initial observations are that thrips and YSA will cause mild damage in this variety.

Limiting features

Reports of poor germination during winter. Strictly annual harvest. High eldana levels observed when harvested older than 12 months. Severe tawny rust observed.

Yield & quality_

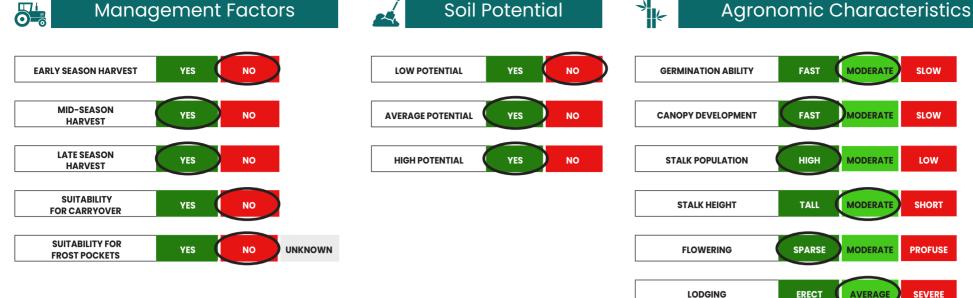


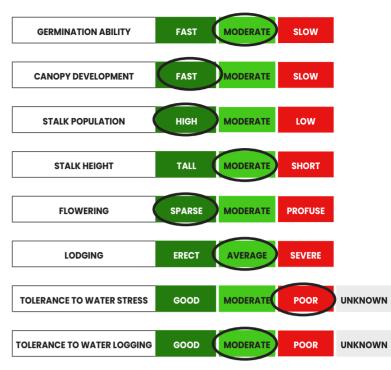
The performance of a variety will vary under different conditions and levels of management. For refined yield and quality information, please consult the SASRI Variety Guide at www.sasri.org.za/varietyguide, where you will be able to rank this variety against others of your choice based on your specific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



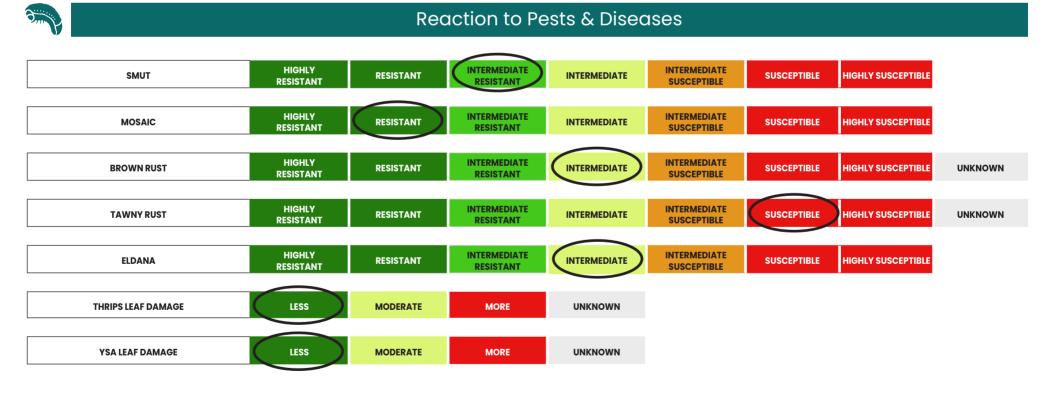
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Varietal Traits N46





Response to Ripeners HIGHLY NOT RECOMMENDED ETHEPHON (and generics) RECOMMENDED UNKNOWN **RECOMMENDED FUSILADE** (and generics) **RECOMMENDED** UNKNOWN NOT ECOMMENDED COMBO ETHEPHON + FUSILADE UNKNOWN RECOMMENDED (and generics) **RECOMMENDED MODDUS** UNKNOWN COMBO MODDUS + FUSILADE RECOMMENDED UNKNOWN (and generics)







N46 Identification Guide

Habit and General Appearance.

Germinates and canopies well; high stalk population; tall stalks; may lodge occasionally.

Leaf

Blade: Narrow-medium width of leaf blade at longitudinal mid-point; erect leaves;

large, distinct liqule

Sheath: Medium adherence of leaf sheath to stalk: fine and abundant hairs on

sheath; wax present; purple tinges present; green sheath

Collar: Dark green

Auricle: Very small, indistinct auricles present on both sides

Stalk

Internode

Appearance: Bobbin-shaped; weak zig-zag alignment of stalk; some wax present;

yellowish stalks when not exposed to the sun; green on exposure to the

sun, becoming grey-red in colour after long exposure

Wax band: Present; more distinct on younger internodes; medium

width

Bud furrow: Distinct; often extends the length of the internode

Node

Growth ring: Indistinct

Root band: Narrow; 2 rows of root primordial; root primordial often

slightly raised

Sheath scar: Not neat; at a slight angle to the stalk

Bud: Ovate / pointed at top of bud; younger buds more

pointed than older ones; large, raised buds; extend

above the root band

Flange: Narrow



January 2024