

# **Information Sheet**

# Variety N40

## Introduction.

Recommended for deep, well drained soils under high potential conditions and good irrigation management.

## Best features\_

Yield benefits achieved when harvested early season (Mar to Jun). Can also be harvested mid season. Recommended for deep, well drained soils under high potential conditions and good irrigation management. Moderate to low population of thick stalks. Good payloads achieved with this variety. Good variety for planting on farms that are a long distance from the mill. Excellent disease resistance. Resistant to lodging.

# Limiting features

Avoid planting on very sandy soils and waterlogged soils with a high water table. Not suited to poorly irrigated soils that suffer periodic stress. Carryover to be avoided under stressed conditions and where eldana is a problem. Can flower heavily. Poor yields observed in the late season.

## Yield & quality.



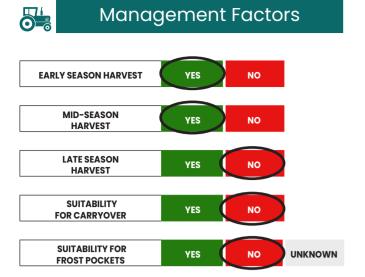
The performance of a variety will vary under different conditions and levels of management. For refined yield and quality information, please consult the SASRI Variety Guide at www.sasri.org.za/varietyguide, where you will be able to rank this variety against others of your choice based on your specific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



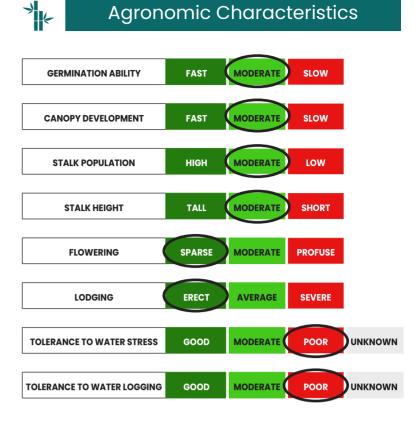
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Varietal Traits\_\_\_\_\_N40

Soil Potential







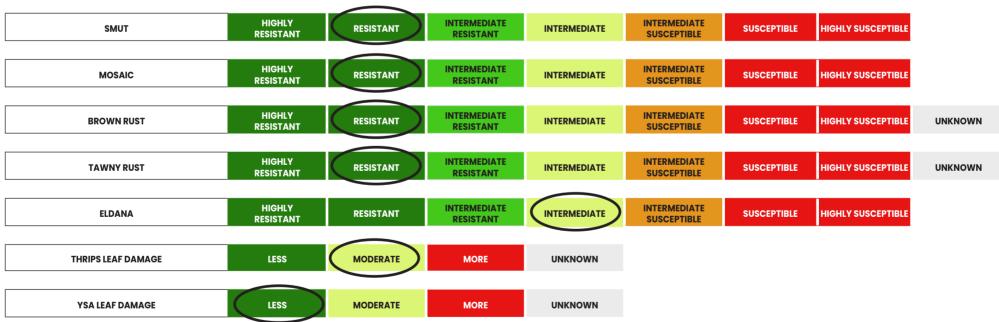
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## Response to Ripeners





### Reaction to Pests & Diseases





FIBRE CONTENT	VERY LOW	LOW	LOW TO MOD	MODERATE	MOD TO HIGH	HIGH	VERY H
COLOUR	VERY LOW	Low	ACCEPTABLE	нісн	VERY HIGH		
PROCESSABILITY	VERY GOOD	GOOD	ACCEPTABLE	POOR	VERY POOR	UNKNOWN	



# **N40** Identification Guide

# Habit and General Appearance

A low population variety with medium to thick stalks with a slightly open growth habit. The canopy is fairly sparse with erect leaves, medium to broad in width.

### Leaf

**Blade:** medium to broad in width, erect and fairly dark green in colour. Sometimes

there is light cholorotic blotching on the midrib.

**Sheath:** Green with wax bloom and hairs present. The hairs are fairly long. The trash

can be peeled off easily.

Collar: Medium in width; purple-yellow.

Auricle: Medium to long; on one side only.

#### Stalk

#### Internode

**Appearance:** The internodes are medium in length and diameter. There are some

corky markings present. The stalks are light green-yellow in colour,

becoming purple-yellow on exposure.

**Wax band:** Medium width; fairly distinct.

Bud furrow: None.

Node

**Growth ring:** Medium width; green-yellow.

Root band: Medium width; light green-yellow in colour.

Sheath scar: Usually neat.

**Bud:** Small; fairly round; seated on sheath scar.

Flange: Medium width; usually does not reach the growth ring.





January 2024