

Information Sheet

Variety N52

Introduction

Recommended for hinterland and midlands regions on a wide range of soils on a longer cutting cycle (older than 18 months).

Best features

Very good RV yields have been achieved on sandy soils in hinterland and midlands regions. This variety has very high cane yield. Able to withstand short periods of drought conditions. Initial observations are that thrips will cause mild damage in this variety.

Limiting features.

Very low sucrose and poor quality mean that this variety should not be harvested younger than 18 months. Higher harvesting and transport costs due to very high cane yield. Lodging can be problem, especially under good growing conditions. During severe and extended drought conditions sour rot can negatively effect quality and cane yield. Plant crop germination and establishment can be variable and uneven.

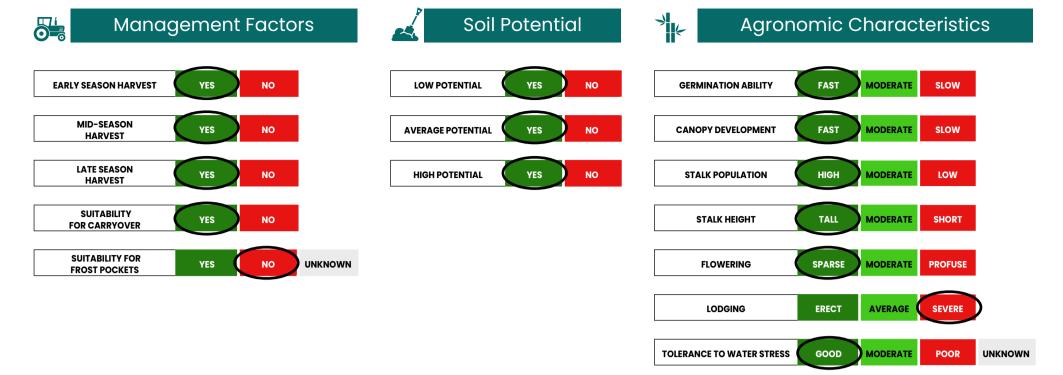
Yield & quality



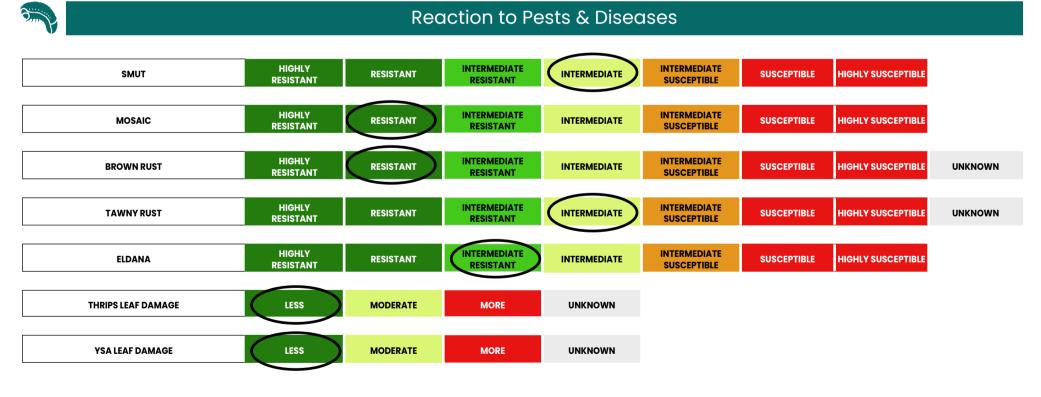
The performance of a variety will vary under different conditions and levels of management. For refined yield and quality information, please consult the SASRI Variety Guide at www.sasri.org.za/varietyguide, where you will be able to rank this variety against others of your choice based on your specific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



Varietal Traits N52



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





GOOD

TOLERANCE TO WATER LOGGING

MODERATE

UNKNOWN

POOR



N52 Identification Guide

Habit and General Appearance.

N52 is a high population variety with medium to thin stalks, with an erect growth habit. This variety has a good canopy, with erect, light-green leaves. Brown spot sometimes present.

Leaf

Blade: Medium to wide leaves with bent tips. Chlorotic blotching often present on

both the blade and midrib. Overlapping leaf: very indistinct, broad.

Sheath: Yellow-green with an abundance of long, spiky hairs. The crop residue is

fairly clingy.

Collar: Medium width, yellow-green (similar to sheath).

Auricle: Underlapping leaf: short, broad and deltoid (triangular).

Stalk

Internode

Appearance: Long internodes of thin to medium thickness. The stalks are yellow-

green; dark-green and purple-red on exposure. A zigzag alignment is

often present.

Wax band: Narrow to medium, distinct.

Bud furrow: Present, very pronounced in older stalks.

Node

Growth ring: Green to yellow-green, slightly raised.

Root band: Narrow, yellow-green, three rows of root primordia.

Sheath scar: Pronounced.

Bud: Medium, round, with pointed tip.

Flange: Present, arises at the top half of the bud.





January 2024