

Information Sheet

Variety N57

Introduction.

Recommended for irrigated regions for planting under a wide range of yield potential conditions.

Best features

Suitable for a wide range of yield potential conditions, including sandy soils. Best yields are achieved when harvested mid season (Jul to Sept). High biomass, leafy variety with fast growth rate. Very good canopy formation. High stalk population. N57 is able to tolerate some water stress during drought conditions and when there are water restrictions. While Ethephon and Fusilade Forte and their generics are recommended as suitable chemical ripeners for N57, the combination treatment is highly recommended for this variety.

Limiting features.

Not suitable for water logged soils. Avoid planting and harvesting from Nov to Dec due to intermediate rating to mosaic. Susceptible to tawny rust. Poor RV% in early season, even if ripeners are applied.

Yield & quality_

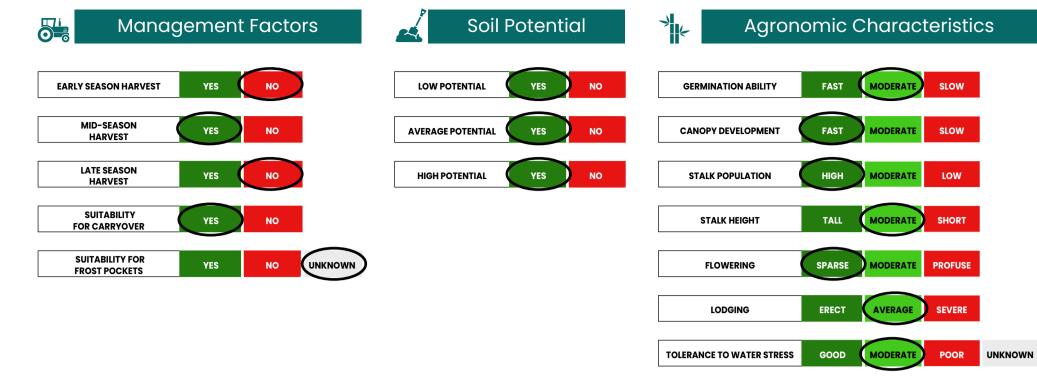


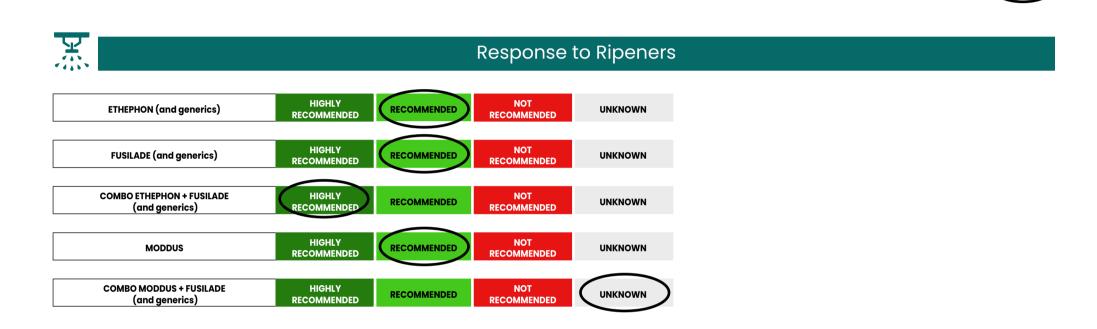
The performance of a variety will vary under different conditions and levels of management. For refined yield and quality information, please consult the SASRI Variety Guide at www.sasri.org.za/varietyguide, where you will be able to rank this variety against others of your choice based on your specific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

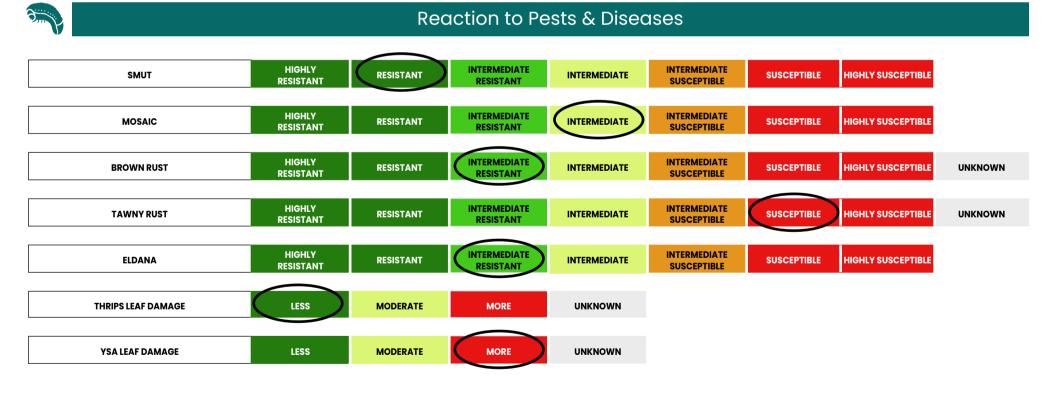




Varietal Traits N57









GOOD

TOLERANCE TO WATER LOGGING

MODERATE

UNKNOWN

POOR



N57 Identification Guide

Habit and General Appearance.

N57 is a high population variety with medium to thick stalks, with a fairly erect growing habit. It has an excellent canopy with fairly erect leaves (some bend near tip) of medium width. The trash is clingy and abundant.

Leaf

Blade: Medium width, dark green; midrib is same colour as blade.

Sheath: Green sheath with purple tinge, red blotches sometimes present. No hairs.

Collar: Yellow green.

Auricle: Under-lapping: very distinct, very long, lanceolate. Overlapping-Absent.

Stalk

Internode

Appearance: The internodes are long and slightly barrel-shaped (more pronounced

when younger). They are yellow-green in colour and purple on

exposure. The stalk can have a slight zigzag alignment.

Wax band: Narrow, not well defined.

Bud furrow: Slight; more pronounced with younger internodes.

Node

Growth ring: Not prominent.

Root band: Medium to wide; lighter colour than stalk; 3 rows of root

primordia.

Sheath scar: Untidy, dip below bud.

Bud: Round and small; touches the growth ring.

Flange: None.





January 2024