Rainfed



Introduction.

Recommended for higher potential soils in rainfed and irrigated regions for annual harvesting.

Best features.

High sucrose content. Resistant to smut. Can be planted in rainfed and irrigated regions. Annual harvesting. Best harvested early to mid season (Mar to Aug). Some tolerance to saline soil conditions. While Ethephon and Fusilade Forte and their generics are recommended as suitable chemical ripeners for N19, the combination treatment is highly recommended for this variety.

Limiting features.

Susceptible to mosaic. Only plant in Autumn due to susceptility to mosaic. Do not carry over due to eldana susceptibility. Tends to lodge and ratooning ability is generally poor due to shallow rooting system. Crooked sticks can lead to poor payloads. Where there is high smut pressure, this variety has been observed with smut. Initial observations are that this variety is susceptible to YSA.

Yield & quality_



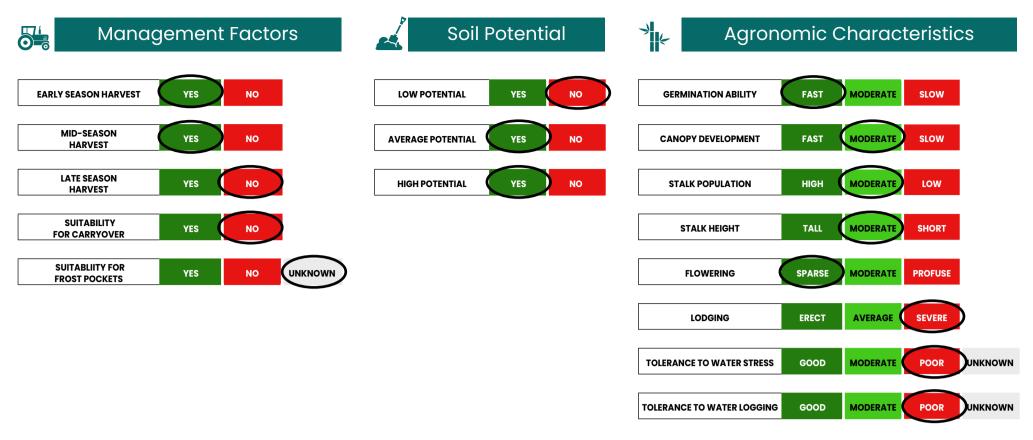
Varieties

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.



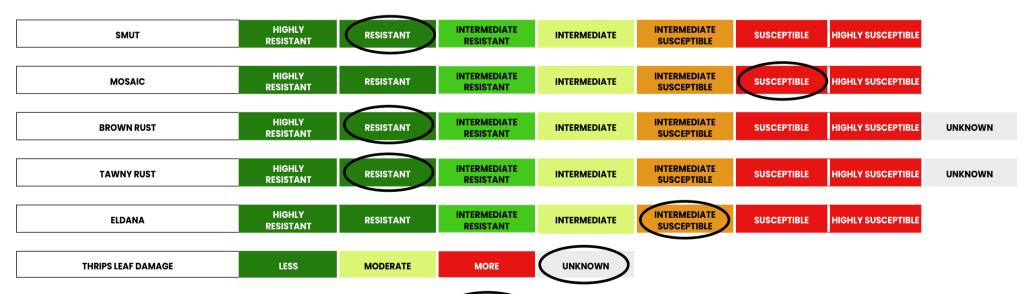






			Response	to Ripener
ETHEPHON (and generics)	HIGHLY RECOMMENDED	RECOMMENDED	NOT RECOMMENDED	UNKNOWN
FUSILADE (and generics)	HIGHLY RECOMMENDED	RECOMMENDED	NOT RECOMMENDED	UNKNOWN
COMBO ETHEPHON + FUSILADE (and generics)	HIGHLY RECOMMENDED	RECOMMENDED	NOT RECOMMENDED	UNKNOWN
MODDUS	HIGHLY RECOMMENDED	RECOMMENDED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

Reaction to Pests & Diseases









N19 Identification Guide

Habit and General Appearance_

A very quick growing variety, with an open growth habit and a medium stalk population.

Leaf_

- **Blade:** Medium to broad in width, slightly drooping. A well defined chlorotic blotch is present, and chlorosis may be present on the lamina as well as the midrib.
- **Sheath:** The abaxial surface is usually very hairy, with the hairs being rather short and spiny.
- Collar: Medium width; indistinct green-brown in colour.
- Auricle: Usually present, being well developed, broad and lance-shaped.

Stalk_____

Appearance: Yellow-green in colour. Trash clings loosely. When exposed a purple colour develops, so the stalk appears to be purple.

Wax band:	Much wax is present on the internode, so the band may be indistinct.
Bud furrow:	Absent.
Node	
Growth ring:	Yellow to yellow-brown. Sometimes slightly raised to form a small ridge. Distinct wave over bud.
Root band:	Narrow and slightly swollen; root primordia distinct with purple centres.
Sheath scar:	Protruding and sagging below the bud.

Bud: Arises slightly above the sheath scar and is typically circular or oval in shape.

Flange: Medium width; arises well above the centre of the bud.





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