

Introduction_

Recommended for planting in coastal and hinterland regions under moderate to low potential growing conditions and harvested on a longer cutting cycle (15 to 18 months).

Best features.

Good RV yields under average to low potential conditions along the coast and hinterland where eldana is a problem. Better eldana and disease resistance than N12. Initial observations are that thrips and YSA cause mild damage in this variety. Good resistance to brown rust. Tawny rust has not been observed on this variety.

Limiting features

Not suited to annual harvesting on the coast. Very slow germination and canopy formation. Sensitive to hot water treatment. Ratooning ability can be a problem with this variety. Generally outperformed by other commercial varieties under high yield potential conditions. Has erect leaves and an upright canopy making weed control more difficult.

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.

SERIES









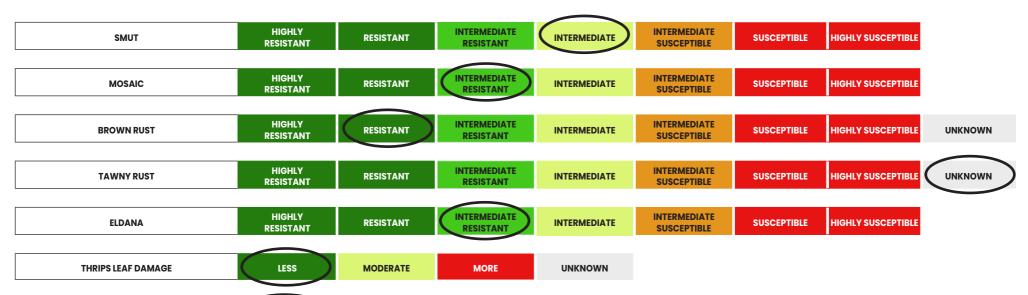
Varietal Traits

Management Factors	Soil Potential	Agronomic Characteristics
EARLY SEASON HARVEST YES NO	LOW POTENTIAL YES NO	GERMINATION ABILITY FAST MODERATE SLOW
MID-SEASON HARVEST YES NO	AVERAGE POTENTIAL YES NO	CANOPY DEVELOPMENT FAST MODERATE SLOW
LATE SEASON HARVEST YES NO	HIGH POTENTIAL YES NO	STALK POPULATION HIGH MODERATE LOW
SUITABILITY FOR CARRYOVER YES NO		STALK HEIGHT TALL MODERATE SHORT
SUITABILITY FOR FROST POCKETS YES NO UNKNOWN		FLOWERING SPARSE MODERATE PROFUSE
		LODGING ERECT AVERAGE SEVERE
		TOLERANCE TO WATER STRESS GOOD MODERATE POOR UNKNOWN
		TOLERANCE TO WATER LOGGING GOOD MODERATE POOR UNKNOWN



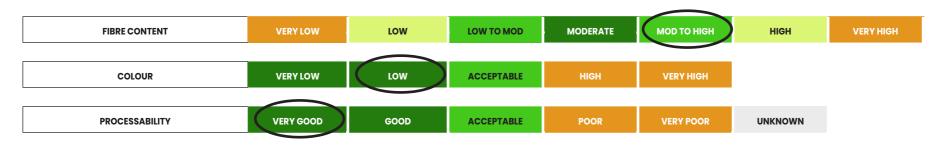


Reaction to Pests & Diseases











N47 Identification Guide

Habit and General Appearance_

Slow to germinate and canopy; stalk population intermediate, lower than N12.

Leaf_

- **Blade:** Medium blade width at longitudinal mid-point; fairly erect leaves; small chlorotic patches on mid-rib; large ligule
- **Sheath:** Medium adherence to the stalk; very waxy sheath; coarse and long hairs present; green with purple on exposed parts
- **Collar:** Indistinct; darker green
- Auricle: Medium and broad on one side and small and broad on the other side; both with distinct tufts of hair

Stalk

Internode

- **Appearance:** Conoidal (wide at the bottom of the internode near the bud, narrow at the top of the internode); weak to medium zig-zag stalk alignment; pale yellow when not exposed to the sun; some wax present on the internodes
- Wax band: Indistinct; very narrow
- Bud furrow: Absent

Node

- Growth ring: Protruding growth ring; indistinct
- Root band: Medium to broad root band
- Sheath scar: Present; protruding; distinct
- Bud: Rhomboid; young buds are pinkish-red; bud does not always reach growth ring
- Flange: Narrow and indistinct



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