

Introduction.

Recommended for irrigated regions for moderate to low potential conditions.

Best features

Good yields achieved on moderate to low potential conditions. Produces stable, average RV yields over many ratoons. Good RV yields achieved early season when chemically ripened (Apr to Oct). High stalk population of average height stalks. Generally, good payloads achieved. Moderately sensitive to saline soil conditions.

Limiting features.

Generally outperformed by more recently released irrigated varieties. Not suitable for heavy, poorly drained soils or sandy soils. Flowers profusely (avoid harvesting in Nov and Dec). Moderately sensitive to saline soil conditions. Where smut pressure is high, smut has been observed on this variety.

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.



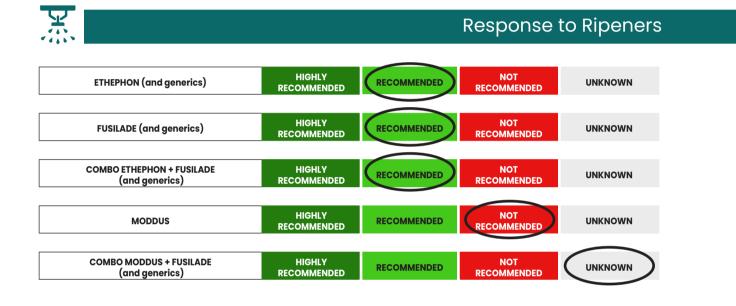




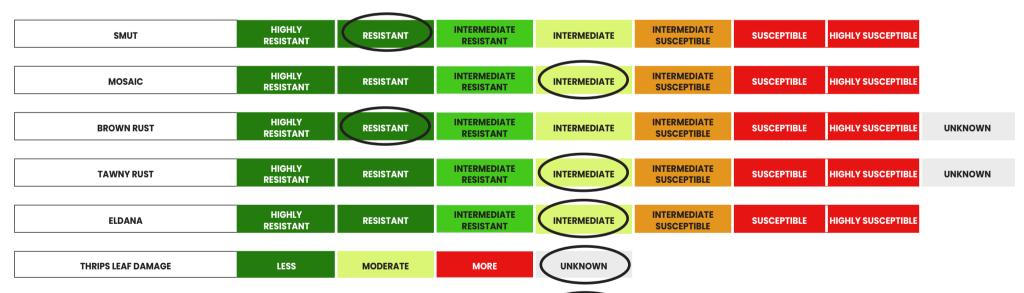


Varietal Traits

| 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 |















N23 Identification Guide

Habit and General Appearance_

A fairly tall, erect variety with a canopy of dark green, slightly drooping leaves. Flowers profusely.

Leaf_

- **Blade:** Medium width; dark green to bluish-green. A chlorotic blotch sometimes present.
- **Sheath:** Green, with slight brown to purplish blotches occurring towards the base of the sheath on exposure to the sun. Hairs present; usually long, not spiky.
- Collar: Medium to narrow in width; indistinct.
- Auricle: Long and pointed.

Stalk_

Internode

Appearance: Covered with a fair amount of wax bloom. Light yellowish-green, turning to light purple on exposure. Corky markings sometimes present. Cracks may occur, depending on growing conditions. Stalks are fairly thin.

| distinct. |
|-----------|
| 0 |

Bud furrow: Absent.

Node

| Growth ring: | Well defined; yellowish-green, sometimes partly purple. |
|--------------|--|
| Root band: | Medium to broad in width; yellowish. |
| Sheath scar: | Neat looking; does not protrude. |
| Bud: | Small and circular. |
| Flange: | Narrow; sometims with hairs at the apex forming a point. |





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