



Information Sheet

Variety N30

Introduction

Recommended for irrigated regions on deep, well drained soils with good irrigation management.

Best features

Performs best in the early season on deep, well drained soils with good irrigation management.

Limiting features

Does not perform well on low potential soils or under water stressed conditions, including very sandy soils. Highly susceptible to eldana, must not be carried over. Susceptible to RSD.

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.



Management Factors

| | | | |
|-------------------------------|-----|----|---------|
| EARLY SEASON HARVEST | YES | NO | |
| MID-SEASON HARVEST | YES | NO | |
| LATE SEASON HARVEST | YES | NO | |
| SUITABILITY FOR CARRYOVER | YES | NO | |
| SUITABILITY FOR FROST POCKETS | YES | NO | UNKNOWN |



Soil Potential

| | | |
|-------------------|-----|----|
| LOW POTENTIAL | YES | NO |
| AVERAGE POTENTIAL | YES | NO |
| HIGH POTENTIAL | YES | NO |



Agronomic Characteristics

| | | | | |
|----------------------------|--------|----------|---------|---------|
| GERMINATION ABILITY | FAST | MODERATE | SLOW | |
| CANOPY DEVELOPMENT | FAST | MODERATE | SLOW | |
| STALK POPULATION | HIGH | MODERATE | LOW | |
| STALK HEIGHT | TALL | MODERATE | SHORT | |
| FLOWERING | SPARSE | MODERATE | PROFUSE | |
| LODGING | ERECT | AVERAGE | SEVERE | |
| TOLERANCE TO WATER STRESS | GOOD | MODERATE | POOR | UNKNOWN |
| TOLERANCE TO WATER LOGGING | GOOD | MODERATE | POOR | UNKNOWN |



Response to Ripeners

| | | | | |
|--|--------------------|-------------|-----------------|---------|
| 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

| | | | | | | | | |
|--------------------|------------------|-----------|------------------------|--------------|--------------------------|-------------|--------------------|---------|
| SMUT | HIGHLY RESISTANT | RESISTANT | INTERMEDIATE RESISTANT | INTERMEDIATE | INTERMEDIATE SUSCEPTIBLE | SUSCEPTIBLE | HIGHLY SUSCEPTIBLE | |
| MOSAIC | HIGHLY RESISTANT | RESISTANT | INTERMEDIATE RESISTANT | INTERMEDIATE | INTERMEDIATE SUSCEPTIBLE | SUSCEPTIBLE | HIGHLY SUSCEPTIBLE | |
| BROWN RUST | HIGHLY RESISTANT | RESISTANT | INTERMEDIATE RESISTANT | INTERMEDIATE | INTERMEDIATE SUSCEPTIBLE | SUSCEPTIBLE | HIGHLY SUSCEPTIBLE | UNKNOWN |
| TAWNY RUST | HIGHLY RESISTANT | RESISTANT | INTERMEDIATE RESISTANT | INTERMEDIATE | INTERMEDIATE SUSCEPTIBLE | SUSCEPTIBLE | HIGHLY SUSCEPTIBLE | UNKNOWN |
| ELDANA | HIGHLY RESISTANT | RESISTANT | INTERMEDIATE RESISTANT | INTERMEDIATE | INTERMEDIATE SUSCEPTIBLE | SUSCEPTIBLE | HIGHLY SUSCEPTIBLE | |
| THRIPS LEAF DAMAGE | LESS | MODERATE | MORE | UNKNOWN | | | | |
| YSA LEAF DAMAGE | LESS | MODERATE | MORE | UNKNOWN | | | | |



Milling Characteristics

| | | | | | | | |
|----------------|-----------|------|------------|----------|-------------|---------|-----------|
| FIBRE CONTENT | VERY LOW | LOW | LOW TO MOD | MODERATE | MOD TO HIGH | HIGH | VERY HIGH |
| COLOUR | VERY LOW | LOW | ACCEPTABLE | HIGH | VERY HIGH | | |
| PROCESSABILITY | VERY GOOD | GOOD | ACCEPTABLE | POOR | VERY POOR | UNKNOWN | |

N30 Identification Guide

Habit and General Appearance

Tall, with an open growth habit. Has a canopy of long leaves, giving a slightly droopy appearance. Leaves are yellowish-green in colour. Stalk population is fairly low.

Leaf

Blade: Yellowish-green, long, width narrow to medium. Sometimes slight chlorotic blotching present.

Sheath: Greenish, with reddish-orange blotches turning to dark brown in older sheaths. Long, fairly soft hairs present. Trash covers almost entire stalk, but comes away fairly easily when peeled.

Collar: Medium to narrow, usually purple.

Auricle: None.

Stalk

Internode

Appearance: Yellowish to pale green, turning to dark purplish-green on exposure. Corky markings usually present. Long, medium diameter internodes, sometimes slightly staggered. Thin splits or cracks may occur.

Wax band: Medium to narrow, fairly distinct.

Bud furrow: A slight furrow can usually be seen.

Node

Growth ring: Light green to yellow, often flush with the internode.

Root band: Medium width, slightly raised, yellow in colour.

Sheath scar: In young cane often has jagged edges, otherwise neat.

Bud: Small, round, insignificant in appearance.

Flange: Narrow, sometimes brownish on the top edge.



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