



# Information Sheet

## Variety N17

Irrigated

Rainfed

### Introduction

Recommended for rainfed and irrigated conditions for planting on well drained soils, ranging from sands to sandy clay loams.

### Best features

Tough variety in dry conditions. Suited to well drained soils, ranging from sandy to sandy clay loams. Must only be planted in spring and summer and should be harvested mid to late season. Some tolerance to saline soils but requires well-drained soils. In the irrigated regions, this variety is recommended for sodic conditions. Best suited to warm, north or north west facing slopes. Yields improve with ratoons.

### Limiting features

Germination is sometimes slow and erratic. Poor ratooning during winter. Unsuitable to cool and/or persistent wet conditions. Not suited to weak sands. Low tolerance to aluminium toxicity. Sensitive to herbicides.

### 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](http://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	

# N17 Identification Guide

## Habit and General Appearance

A high population of thin stalks with an open growth habit, particularly in the plant crop. Canopy is erect, but drooping towards the tips of the leaves.

## Leaf

**Blade:** Narrow and may have a slight chlorotic blotch.

**Sheath:** Hairy, green with a slight bloom, and often coloured a reddish-orange due to a nonpathogenic fungal infection (*Cytospora* sp). Trash clings tightly, and no stalk is visible with the adhering trash.

**Collar:** Narrow; greenish-yellow in colour.

**Auricle:** No auricle.

## Stalk

### Internode

**Appearance:** Thin, hard, and often shows corky markings with longitudinal cracking. Generally green or greenish-yellow in colour.

**Wax band:** Indistinct. Generally not much wax on this variety.

**Bud furrow:** Absent.

### Node

**Growth ring:** Usually slightly swollen; yellow in colour.

**Root band:** Narrow; whitish-yellow in colour.

**Sheath scar:** Ragged; does not protrude nor sag.

**Bud:** Circular.

**Flange:** Narrow; arising above the middle of the bud; may be absent. No tuft of hairs at the apex.



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