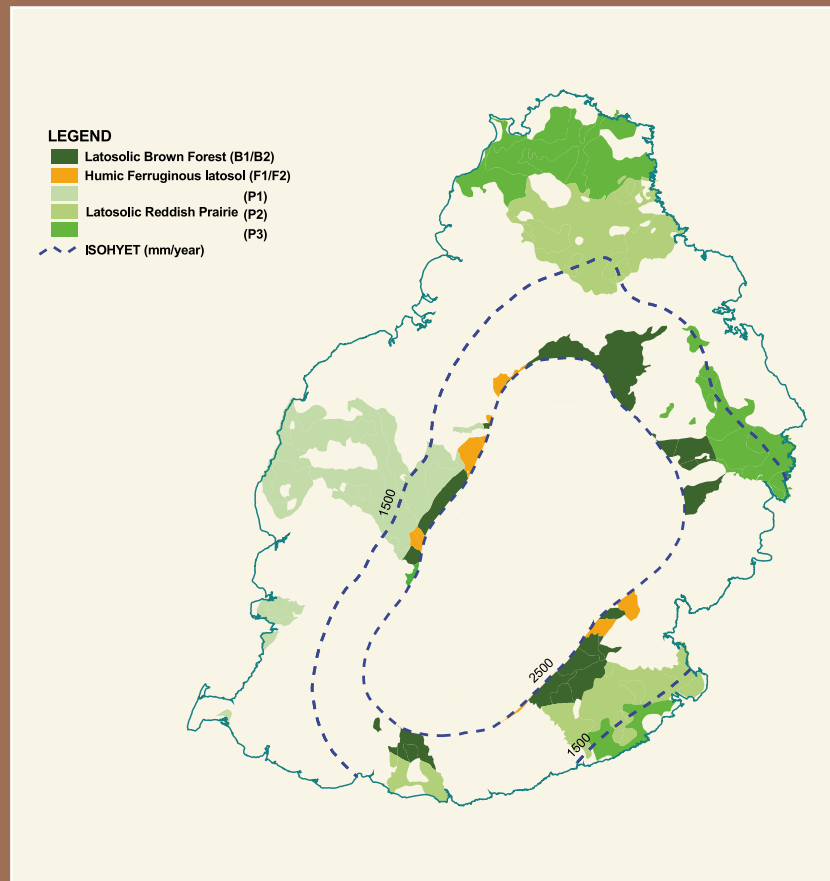
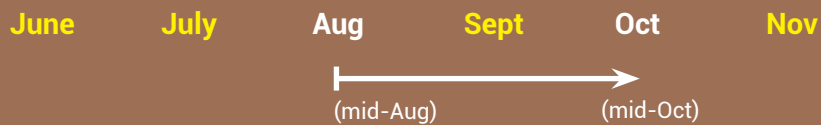


# REGIONS where M 2502/99 can be cultivated (provisional)\*



## Provisional harvest period\*



\* (refer to the current MSIRI Recommendation Sheets)

### MAURITIUS SUGARCANE INDUSTRY RESEARCH INSTITUTE

Réduit, Mauritius • Telephone: +230 454 1061 • Fax: +230 454 1971  
 E-mail: [contact@msiri.mu](mailto:contact@msiri.mu) • Web Site: <http://www.msiri.mu>



No. 18  
 December 2016

# M 2502/99



**A high cane and sugar yielding variety with high profitability for the B and F soils (humid zone) and the P irrigated soil. Suitable for middle-season harvest.**

**Year of release: 2015**

STREAK DESIGNS

## GENERAL features

## DISEASE reaction

- Growth habit → fairly erect
- Tillering → fairly high
- Stalk number → fairly high
- Stalk height → fairly tall
- Stalk diameter → medium
- Trashing → fairly difficult
- Flowering → average to high
- Germination → average
- Ratooning ability → good
- Ground coverage → good

- Resistant to gumming and leaf scald
- Susceptible to smut and yellow spot

# M 2502/99

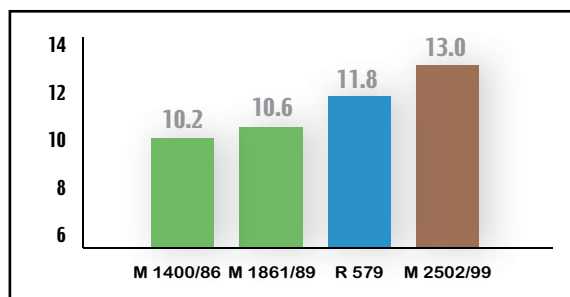
## INTERNODES

- Yellowish with a greenish tinge when freshly trashed, greenish when exposed to sunlight
- Medium to fairly long
- Medium diameter
- Slightly conoidal - strongly zigzagging
- Medium waxiness
- One to two rows of root primodia
- Narrow - slightly bulging with a brownish yellow growth ring
- Bud groove absent
- Medium growth cracks

## RESULTS from trials

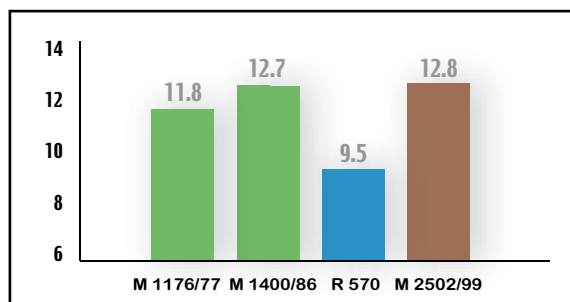
### Mean sugar yield (tha<sup>-1</sup>) at mid-season harvest

Mean of plant cane and 3 ratoons



Savannah - B1 soil

Rainfall: 2600 mm - Altitude: 205 m



St Antoine - P2 soil

Rainfall: 1450 mm - Altitude: 40 m

## LEAVES

- Medium width recumbent at tip only
- Light green
- Glabrous leaf sheath
- Auricles:
  - Inner: ascending transitional (hairy)
  - Outer: short lanceolate
- Dewlaps: descending deltoid

## BUDS

- Roundish
- Inserted above leaf scar and ending well below growth ring

Note: Keys for botanical descriptions, refer to: "Sugarcane Varieties in Mauritius - A Botanical Description" MSIRI (1990), 94p, 37pls.