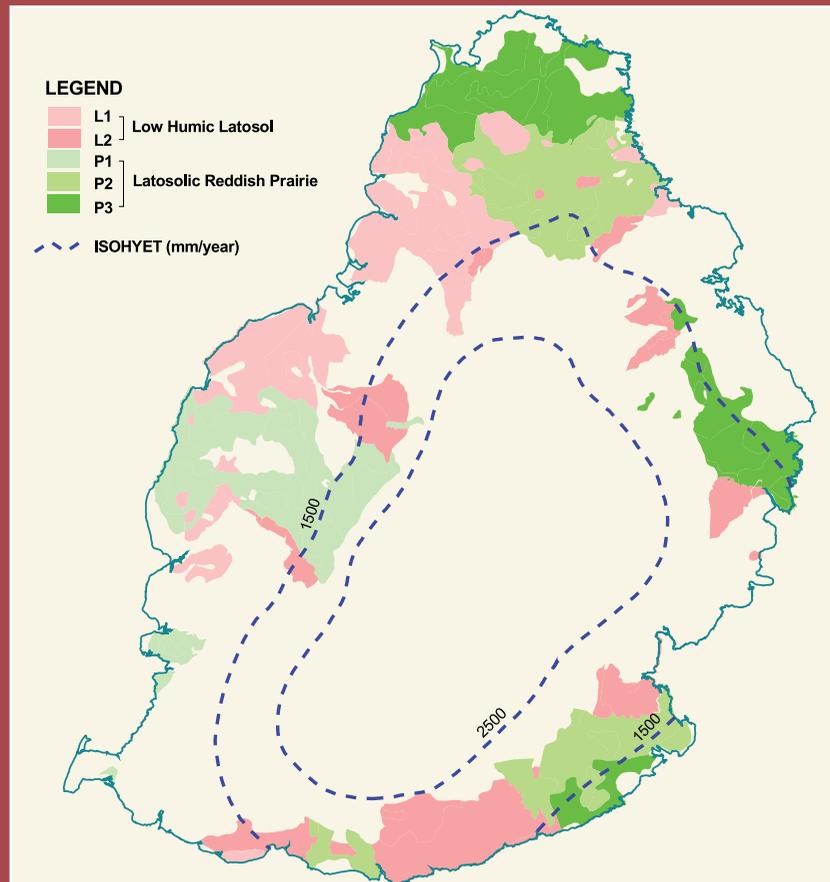


REGIONS where M 1256/04 can be cultivated (provisional)*



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 • Web Site: <http://www.msiri.mu>



MAURITIUS CANE INDUSTRY AUTHORITY
MAURITIUS SUGARCANE INDUSTRY RESEARCH INSTITUTE
Notes on newly-released sugarcane varieties



No. 22
January 2018

M 1256/04



A high-yielding variety with fairly high sucrose and fibre content, and high profitability for the L and P soils of the humid and subhumid zones. Suitable for middle-season harvest.

Year of release: 2017



GENERAL features

- Growth habit → fairly erect
- Tillering → medium
- Stalk number → medium
- Stalk height → fairly tall
- Stalk diameter → medium
- Trashing → fairly easy
- Flowering → low
- Germination → good
- Ratooning ability → good
- Ground coverage → good

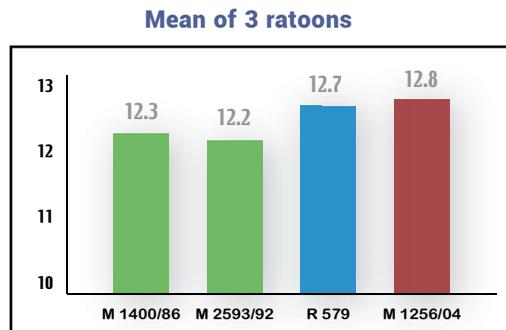
DISEASE reaction

- Resistant to smut and rust
- Slightly susceptible to gumming
- Highly susceptible to yellow spot

M 1256/04

RESULTS from trials

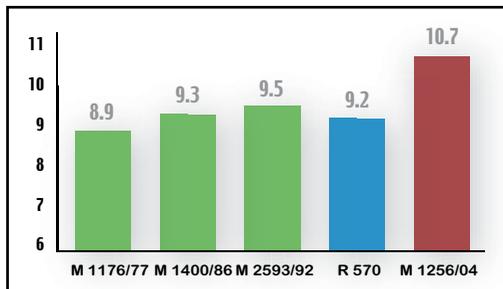
Mean sugar yield (tha⁻¹) at middle-season harvest



Savannah - L2 soil (Irrigated)

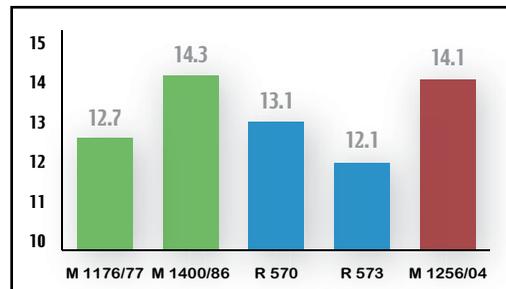
Rainfall: 1400 mm - Altitude: 40 m

Mean of plant cane and 3 ratoons



Mon Loisir - P2 soil (Irrigated)

Rainfall: 1300 mm - Altitude: 60 m



Belle Vue - P2 soil (Rainfed)

Rainfall: 1300 mm - Altitude: 70 m

INTERNODES

- Dark pink when freshly trashed, reddish brown when exposed to sunlight
- Fairly long
- Medium diameter
- Slightly curved - strongly zigzagging
- Medium waxiness
- Narrow root band with two rows of root primordia
- Growth ring narrow and bulging
- Short and shallow bud groove present mostly on young internodes
- Corky patches present on old internodes



LEAVES

- Leaf blade: long and erect, curved at tip
- Leaf sheath: fairly hairy and waxy
- Auricles:
 - Inner: deltoid
 - Outer: dentoid
- Dewlaps: squarish deltoid
- Ligule: narrow crescent, symmetrical with lozenge



BUDS

- Ovate with narrow wings on upper half
- Inserted above leaf scar, slightly overlapping growth ring



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