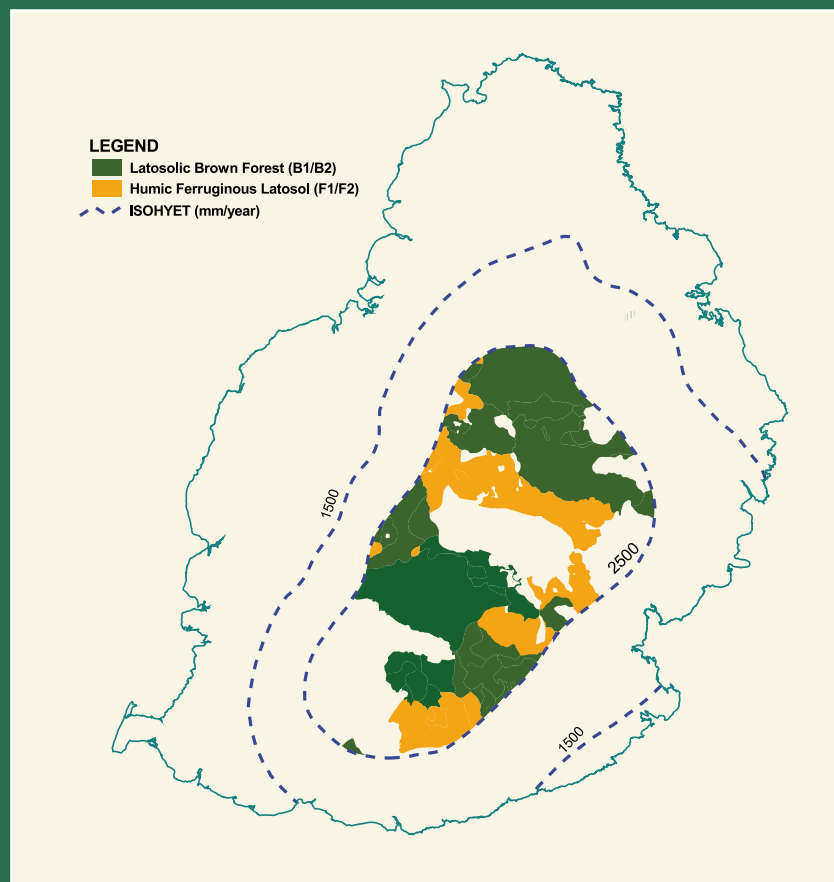
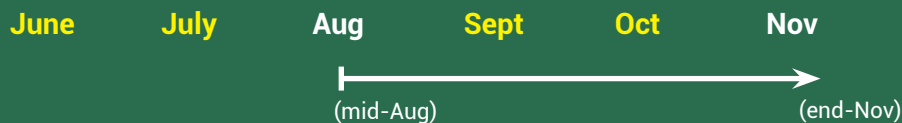


REGIONS where M 2283/98 can be cultivated (provisional)*



Provisional harvest period*



* (refer to the current MSIRI Recommendation Sheets)

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



No. 16
December 2016

M 2283/98



A high-yielding variety with medium sucrose content for the B and F soils of the superhumid zone.
Suitable for middle-season and late-season harvests.
Year of release: 2015



STREAK DESIGNS

GENERAL features

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

DISEASE reaction

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

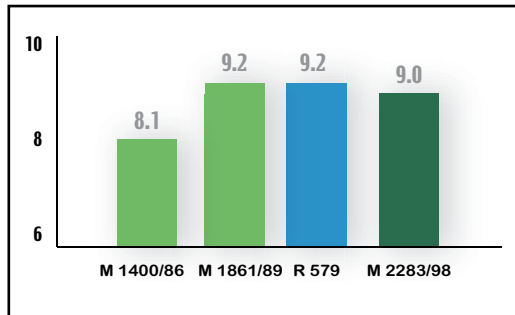
M 2283/98

RESULTS from trials

Mean sugar yield (tha⁻¹) at mid-season and late-season harvests

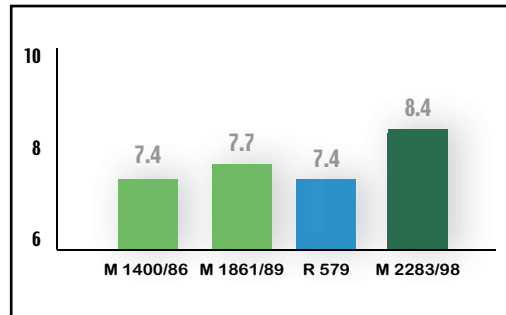
Mean of plant cane and 3 ratoons

Mid-season harvest



FUEL - B1 soil

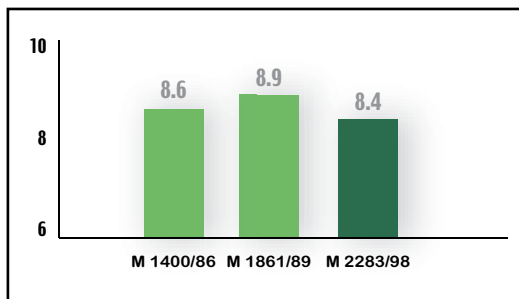
Rainfall: 3425 mm - Altitude: 300 m



Highlands - F1 soil

Rainfall: 3000 mm - Altitude: 457 m

Late-season harvest



Savannah - B1 soil

Rainfall: 2700 mm - Altitude: 260 m

INTERNODES

- Greenish with a yellowish tinge when freshly trashed, reddish with a greenish tinge when exposed to sunlight
- Fairly long
- Medium to fairly large diameter
- Cylindrical
- Medium waxiness
- One to two rows of root primodia
- Slightly bulging, brownish yellow growth ring
- Bud groove absent

LEAVES

- Narrow and erect
- Slightly hairy leaf sheath
- Auricles:
 - Inner: short lanceolate
 - Outer: straight transitional
- Dewlaps: narrow crescent
- Ligule: crescent with lozenge

BUDS

- Ovate and medium with wide wings at top
- Slightly above leaf scar and well into growth ring

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