



# MAURITIUS SUGAR INDUSTRY RESEARCH INSTITUTE

## Recommendation Sheet

April 2008, No. 161\*

### SUGAR CANE VARIETIES RECOMMENDED FOR PLANTING IN DIFFERENT SOIL TYPES

Variety/ Soil type	Latosolic Brown Forest B1 / B2	Humic Ferruginous Latosols F1 / F2	Humic Latosols H1 / H2	Low Humic Latosols L1	Low Humic Latosols L2	Latosolic Reddish Prairie P1 / P2 / P3
M 3035/66 (G,r)	•	•	•			
M 695/69 (L,S,Y)			•		•	
M 1176/77 (Y)				•	•	•
M 52/78 (S)	•	•	•		•	
M 261/78 (Y)				•	•	•
M 1551/80 (R,S)				•	•	•
M 96/82				•	•	•
M 1300/83		•	•			
M 1246/84 (Y)			•	•	•	•
M 387/85	•					
M 1186/86 (S,Y)			•	•	•	•
M 1394/86	•	•	•			
M 1400/86 (p)	•	•		•	•	•
M 2024/88 (S) (i)				•	•	•
M 2256/88	•	•	•	•	•	•
M 703/89 (p)	•	•	•	•	•	
M 1861/89 (p)	•	•	•			
M 2238/89 (p)	•					
M 1672/90 (Y) (p)				•	•	•
M 2593/92 (Y) (p) (i)				•	•	•
R 570 (Y)			•	•	•	•
R 573 (Y)			•	•	•	•
R 575 (L)			•	•	•	•
R 579 (G,Y)				•	•	•

Shaded areas with a • indicate soil type where a variety can be planted

- N.B.** - M 52/78 and R 579 to be planted under irrigation in areas receiving 2000 mm rainfall.  
 - M 1551/80 and R 575 to be planted under irrigation in areas receiving 1500 mm rainfall.  
 - M 703/89 to be planted under irrigation in L soils.  
 - In the humid and superhumid areas, all short-season planting should be completed before end of August.

Letters following a variety number are explained below:

- G Susceptible to gumming and should not be planted in areas where cane is prone to the disease.
- L Susceptible to leaf scald. Planting material should originate from nurseries established with cuttings having undergone a cold soak in running water for 48 hours, followed by a long hot water treatment at 50°C for 3 hours.
- R Susceptible to rust.
- S Susceptible to smut. Planting material for H, L and P soils should originate from nurseries established with cuttings having undergone a dual hot water treatment.
- Y Susceptible to yellow spot and should be planted only in low-lying regions.
- i To be planted under irrigated conditions.
- p Provisional recommendations for recently released varieties.
- r Should be planted only in specific areas of the superhumid and humid zones as given in Recommendation Sheet No. 73 of April 1993.

\* This Recommendation Sheet cancels No. 158 of February 2007

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