

SUGARCANE 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

RECOMMENDED VARIETIES

M 1176/77 (Y)						
M 52/78 (S)						
M 387/85 (S)						
M 1400/86 (Y)						
M 2256/88 (L)						
M 703/89 (Y) (i)						
M 1861/89						
M 1672/90 (Y)						
M 2593/92 (Y, R) (i)						
M 2283/98 (Y)						
M 683/99 (L, Y)						
M 1989/99 (Y)						
M 2502/99 (Y, S) (i)						
M 1392/00 (Y)						
M 63 (R) (i) (p)						
M 1561/01 (S, Y)						
M 216/02 (Y) (p)						
M 1002/02 (Y)						
M 1698/02 (Y) (p)						
M 64 (p)						
M 1256/04 (Y) (p)						
M 915/05						
M 65 (p)						
R573 (Y)						
R575 (L) (i)						
R579 (G, Y) (i)						

VARIETIES BEING PHASED OUT

M 3035/66 (G, r)						
M 1246/84 (Y)						
M 1394/86						
M 2024/88 (S) (i)						
M 2238/89						
R570 (Y)						

Shaded areas indicate soil types where the variety can be planted.

Varieties requiring specific conditions are listed below:

- M 52/78 and R579 to be planted under irrigation in areas receiving ≤ 2000 mm rainfall annually.
- R575 to be planted under irrigation in areas receiving ≤ 1500 mm rainfall annually.
- M 703/89 to be planted in H soils receiving < 2500 mm rainfall annually and under irrigation in L soils.
- M 2593/92 to be planted in H soils receiving < 2500 mm rainfall annually.
- M 2283/98 is recommended for the superhumid zone.
- M 1989/99 is recommended for the humid zone.
- M 2502/99 and M 1392/00 are not recommended for superhumid zone.
- M 1561/01 to be planted in B soils receiving ≤ 2500 mm rainfall annually.

In the humid and superhumid zones, short-season plantation should be completed before end of August

Zones	Annual rainfall
Sub-humid zone	< 1500 mm
Humid zone	1500 to 2500 mm
Superhumid zone	> 2500 mm

Letters in brackets following a variety name are explained below:

- G Susceptible to gumming and not recommended in areas where cane is prone to the disease.
- i To be planted under irrigated conditions.
- L Susceptible to leaf scald. Planting material should originate from nurseries established with cuttings having undergone the dual hot water treatment at 50°C for 30 minutes followed by 50°C for 2 hours or a cold soak in running water for 48 hours, followed by a long hot water treatment at 50°C for 3 hours.
- p Provisional.
- r Recommended only in specific areas of the superhumid and humid zones as listed in Recommendation Sheet No. 73 of April 1993.
- R Susceptible to brown rust.
- S Susceptible to smut. Planting material for H, L and P soils should originate from nurseries established with cuttings having undergone the dual hot water treatment at 50°C for 30 minutes followed by 50°C for 2 hours on the following day.
- Y Susceptible to yellow spot.

Your attention is drawn to the fact that these guidelines and/or advices are restricted to the purpose for which they are recommended only. MCIA Board shall not be responsible for any act that may arise outside the purview of these guidelines or advices.