



## MAURITIUS SUGAR INDUSTRY RESEARCH INSTITUTE

Recommendation Sheet No. 26  
(January 1984)

### THE APPLICATION OF CALCIUM META-SILICATE IN HIGHLY WEATHERED SUGAR CANE SOILS

Owing to the very high cost of calcium meta-silicate, the following levels are now recommended at planting :

SOIL Si (ppm)	CALCIUM META-SILICATE	
	T/ha	T/arp
≤ 20	2.5 - 3.5	1.0 - 1.5
20 - 40	1.25 - 2.5	0.5 - 1.0
40 - 60	0 - 1.25	0 - 0.5

It would be preferable, in view of the lesser amounts now to be applied, that the silicate is placed in the furrow itself, mixing it with some soil.

N.B. Previous recommendations on calcium silicate were given in Recommendation Sheet No. 7 (February 1981)