

SOUTH AFRICAN SUGAR INDUSTRY

AGRONOMISTS' ASSOCIATION

LIME TRIAL II

Catalogue No.: 76
This Crop: P, 1R
Site: Rondavel, Sinembe.
Altitude: 600'
Soil Series: Cartref
Design: Random Block
Variety: N.50/211
Fertilizer: N P K
P Urea 250 300 200
1R L.A.N. 1000 500 200
Water Regime: Dryland.

Soil Analysis: No samples taken.
Age: P - 14 Months - Nov. '62 - Jan. '64
1R - 17 Months - Jan. '64 - June '65
Rainfall: P - 44.26"
1R - 43.99"

Object: To compare agricultural and dolomitic lime treatments with a control.

Treatments: A = Control
B = Agricultural Lime 1 T.P.A.
C = Agricultural Lime 2 T.P.A.
D = Dolomitic Lime 1 T.P.A.
E = Dolomitic Lime 2 T.P.A.

Results:

TREATMENT	PLANT CANE			1ST RATOON		
	T.C.A.	% SUCROSE	T.S.A.	T.C.A.	% SUCROSE	T.S.A.
A	35.0	12.43	4.33	20.3	12.76	2.59
B	37.8	12.55	4.70	23.3	12.99	3.03
C	36.3	13.16	4.79	22.8	12.88	2.94
D	30.7	13.97	4.29	22.9	12.57	2.88
E	36.1	13.11	4.73	21.7	12.63	2.74