

SOUTH AFRICAN SUGAR INDUSTRY

AGRONOMISTS' ASSOCIATION

Pre-release variety trial

Catalogue No.: 91
This crop: P, 1R.
Site: Polkinghorne, Inyaninga.
Altitude: 300'
Soil: Milkwood
Design: Random block
Varieties: CB.36/14, CB.38/22,
N.50/211, N:Co.376.
Fertiliser:

	N	P	K
Plant = Urea	250	300	250
1R = LAN	500	400	200

Soil Analysis:

	pH.	OM %	Clay %	p.p.m.			
				P	K	Ca	Mg
Plant	-	-	-	-	-	-	-
1R	5.95	6.54		16	118	2550	1046

Age:

P = 19 mths. Oct. 1962 - May 1964.
1R = 17 mths. May 1964 - Oct 1965.

Rainfall:

P = 68.82"
1R = 46.27"

Object: To compare N:Co.376 and N.50/211 with two new varieties.

Results:

Item	Crop	CB.36/14	CB.38/22	N.50/211	N:Co.376
T.C.A.	P	41.6	33.7	44.9	46.9
	1R	25.2	23.0	31.6	27.9
Suc. %	P	13.4	13.5	14.4	14.3
	1R	12.8	13.9	13.4	13.3
T.S.A.	P	5.58	4.55	6.49	6.71
	1R	3.24	3.20	4.26	3.72

30th May, 1966.