

SOUTH AFRICAN SUGAR INDUSTRY

AGRONOMISTS' ASSOCIATION

SPACING X VARIETY TRIAL

Catalogue No: 150
This Crop: Plant
Site: Nkwali - Illovo
Altitude: 100 ft.
Soil series: Alluvium
Design: 6 x 2 x 2
Variety: See treatments
Fertilizer: At Planting - 40 tons
 Filter Cake
 Top Dressing -
 200 Muriate of K
 200 lbs. Urea/acre
Water regime: Irrigated

Soil Analysis:

pH	OM%	Clay%	ppm			
			P	K	Ca	Mg
<u>Age:</u> 17 months (2/63 - 7/64)						
<u>Rainfall:</u> 53.37"						

Object:

To compare the performance of six different varieties at two row widths.

Treatments: Row Widths: W1 = 3 ft. rows
 W2 = 4'5" rows

Varieties: N:Co.376 N:Co.382
 N:Co.310 Co.334
 N:Co.293 N.50/211

Results:

Treatment	T.C.A.	Suc. %	T.S.A.	Fibre %	Purity	T.C.A.M.	Lbs. S.A.M.	Rating
W1	89.37	14.02	12.53	12.28	89.13	5.28	1566.25	1
W2	86.40	12.78	11.04	11.83	85.65	5.08	1298.82	2

30th November, 1966.