

SOUTH AFRICAN SUGAR INDUSTRY

AGRONOMISTS' ASSOCIATION

PRE-RELEASE VARIETY TRIAL

Catalogue No.: 147

This crop: Plant

Site: Umzimbazi Section, Illovo

Altitude: 300'

Soil series: Recent sands

Design: 4 X 4 Latin Square

Varieties: See treatments

Fertilizer:

N	P	K
92	70	100

Water regime: Irrigated

Soil Analysis: No samples taken

Age: 20 months (10/62 - 6/64)

Rainfall: 83.04"

Object: To compare N:Co.376 with three new varieties.

Treatments: N:Co.376, N50/211, CB36/14, CB38/22

Results:

Variety	T.C.A.	Suc. %	T.S.A.
N:Co.376	43.6	15.64	6.82
N50/211	47.8	15.55	7.39
CB36/14	35.8	14.94	5.33
CB38/22	49.5	16.30	8.07

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PRE-RELEASE VARIETY TRIAL

Catalogue No.: 147
This crop: 1st Ratoon
Site: Umzimbazi Section, Illovo
Altitude: 300'
Soil series: Recent sand
Design: 4 X 4 Latin Square
Varieties: See treatments
Fertilizer: Not recorded
Water regime: Irrigated

Soil Analysis: No samples taken

Age: 19 months (6/64 - 1/66)

Rainfall: 68.50"

Object: To compare N:Co.376 with three new varieties.

Treatments: N:Co.376, N50/211, CB36/14, CB38/22

Results:

Variety	T.C.A.	Suc. %	T.S.A.
N:Co.376	46.5	13.19	6.13
N50/211	36.9	12.06	4.45
CB36/14	37.0	11.72	4.34
CB38/22	32.6	12.01	3.91