

SOUTH AFRICAN SUGAR INDUSTRY

AGRONOMISTS' ASSOCIATION

PRE-RELEASE VARIETY TRIAL

Catalogue No.: 149
This crop: Plant
Site: Klipspruit Section, Powers-
court

Altitude: 2500'

Soil series: Inanda

Design: 4 X 4 Latin Square

Varieties: See treatments

Fertilizer: N P K
 92 10 100

 filter cake

Water regime: Dryland

Soil Analysis: No samples taken

Age: 21 months (4/61 - 1/63)

Rainfall: 64.43"

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

Treatments: N:Co.376, N50/211, N51/168, N51/539

Results:

Variety	T.C.A.	Suc. %	T.S.A.
N:Co.376	59.0	13.88	8.19
N50/211	47.2	13.03	6.15
N51/168	46.9	12.48	5.86
N51/539	44.4	13.12	5.82

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PRE-RELEASE VARIETY TRIAL

Catalogue No.: 149
This crop: 1st Ratoon
Site: Klipspruit Section, Powers-
court

Altitude: 2500'
Soil series: Inanda
Design: 4 X 4 Latin Square
Varieties: See treatments
Fertilizer:

N	P	K
92	-	150

Water regime: Dryland

Soil Analysis: No samples taken

Age: 14 months (1/63 - 3/64)

Rainfall: 39.88"

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

Treatments: N:Co.376, N50/211, N51/168, N51/539

Results:

Variety	T.C.A.	Suc. %	T.S.A.
N:Co.376	26.7	10.73	2.86
N50/211	23.5	9.62	2.26
N51/168	20.3	9.14	1.87
N51/539	22.0	9.27	2.07