

SOUTH AFRICAN SUGAR INDUSTRY

AGRONOMISTS' ASSOCIATION

PRE-RELEASE VARIETY TRIAL

Catalogue No.: 148  
This crop: 1st Ratoon  
Site: Klipspruit Section, Powers-  
court  
Altitude: 2500'  
Soil series: Cartref  
Design: 4 X 4 Latin Square  
Varieties: See treatments  
Fertilizer:  
N P K  
92 - 150  
Water regime: Dryland

Soil Analysis: No samples taken

Age: 19 months (8/62 - 3/64)

Rainfall: 62.13"

Object: To compare N:Co's 293 and 376 with two new varieties.

Treatments: N:Co.293, N:Co.376, N51/168, N51/539

Results:

Variety	T.C.A.	Suc. %	T.S.A.
N:Co.293	51.7	12.33	6.39
N:Co.376	44.3	12.79	5.67
N51/168	42.6	11.98	5.14
N51/539	41.2	12.41	5.10

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PRE-RELEASE VARIETY TRIAL

Catalogue No.: 148  
This crop: Plant  
Site: Klipspruit Section, Powers-  
court  
Altitude: 2500'  
Soil series: Cartref  
Design: 4 X 4 Latin Square  
Varieties: See treatments  
Fertilizer:  
          N          P          K  
          92      10 tons   100  
                  filter cake  
Water regime: Dryland

Soil Analysis: No samples taken

Age: 20 months (12/60 - 8/62)

Rainfall: 57.99"

Object: To compare N:Co's 293 and 376 with two new varieties.

Treatments: N:Co.293, N:Co.376, N51/168, N51/539

Results:

Variety	T.C.A.	Suc. %	T.S.A.
N:Co.293	60.7	15.38	9.35
N:Co.376	59.8	16.37	9.79
N51/168	50.1	14.64	7.31
N51/539	42.9	15.40	6.62