

SOUTH AFRICAN SUGAR INDUSTRY

AGRONOMISTS' ASSOCIATION

Pre-release Variety Trial

<u>Catalogue No.:</u> 38	<u>Soil Analysis</u>			<u>p.p.m.</u>			
<u>This crop:</u> Plant, 1R.	pH	O.M.%	Clay%	P	K	Ca	Mg
<u>Site:</u> Hlafuna, Aberfoyle	P	-	-	-	-	-	-
<u>Altitude:</u> 200'	1R	4.63	2.80	-	13	75	2171 558
<u>Soil:</u> Milkwood							
<u>Design:</u> Random Block	<u>Age:</u>						
<u>Varieties:</u> N.51/168, N.51/539	P = 23 mths. March 1961 - Feb. 1963						
N.50/211, N:Co.376.	1R = 11 mths. Feb. 1963 - Jan. 1964						
<u>Fertiliser:</u>	N	P	K	<u>Rainfall:</u> Plant 37.76"			
Plant = Urea	150	300	200	1R 29.90"			
1R. = "	300	300	200				

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

Results:

Item	Crop	N.51/168	N.51/539	N.50/211	N:Co.376
T.C.A.	P	34.1	35.2	47.1	43.3
	1R	Cut by section - no results			
Suc. %	P	14.6	14.9	15.2	14.1
	1R	Cut by section - no results			
T.S.A.	P	4.99	5.23	7.16	6.12
	1R	Cut by section - no results			

28th May, 1966.