

SOUTH AFRICAN SUGAR INDUSTRY

AGRONOMISTS' ASSOCIATION

Variety Trial

Catalogue No.: 96  
This crop: Plant  
Site: Sewraj - Tongaat  
Altitude: 200'  
Soil: Fernwood  
Design: Random block  
Varieties: N:Co.376, 382, 334,  
Co.331, N.50/211.  
Fertiliser: N P K  
Plant cane LAN 1100 - 200

Soil Analysis: p.p.m.  
pH OM % Clay % P K Ca Mg  
6.36 5.80 - 41 131 960 41  
Age: 17 mths. March 1963 - Aug. 1964.  
Rainfall: 46.71"

Object: To compare the yields of five released varieties.

Results:

Item	Crop	N:Co.376	N:Co.382	N:Co.334	Co.331	N.50/211
T.C.A.	Plant	24.0	32.0	23.8	25.1	28.2
Suc. %	"	14.2	13.2	13.3	12.2	12.2
T.S.A.	"	3.41	4.23	3.16	3.05	3.44

30th May, 1966.