

SOUTH AFRICAN SUGAR INDUSTRY

AGRONOMISTS' ASSOCIATION

Pre-Release Trial (C.B.'s)

<u>Catalogue No.:</u> 129.	<u>Soil Analysis:</u>
<u>This crop:</u> Plant.	<u>p.p.m.</u>
<u>Site:</u> Phoenix Section, N.E.L. Barrack's Field.	<u>pH.</u> <u>OM%</u> <u>P</u> <u>K</u>
<u>Altitude:</u> 200'.	8.0    2.60    44    500
<u>Soil Series:</u> Lower Ecca Windermere.	
<u>Design:</u> Random Block.	
<u>Variety:</u> See treatments.	<u>Age:</u> 13 months. (9/62 - 12/63).
<u>Fertilizer:</u> 3:15:3    1000 lbs. 15: 0:15    1200 lbs.	
<u>Water Regime:</u> Furrow Irrigation.	<u>Rainfall, this crop:</u> 44.98"

Object: To test pre-release varieties.

- Treatments:
1. N:Co.376.
  2. N.50/211.
  3. C.B. 36/14.
  4. C.B. 38/22.

Results:

Variety	T.C.A.	Sucrose %	T.S.A.	1		2		Rank	
				T.C.A.M.	Lbs. S.A.M.	1	2		
N:Co.376	63.27	14.5	9.17	4.867	1412	2	2		
N.50/211	58.65	14.7	8.62	4.511	1326	3	3		
C.B. 36/14	64.49	14.2	9.16	4.961	1409	1	1		
C.B. 38/22	51.23	14.8	7.58	3.941	1166	4	4		

9th May, 1966.