

SOUTH AFRICAN SUGAR INDUSTRY

AGRONOMISTS' ASSOCIATION

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

Catalogue No.: 127.

This crop: Plant

Site: Westbrook Section, Mount  
Edgecombe, Mt. Moriah.

Altitude: 400'

Soil Series: Dolerite, Shortlands.

Design: Random Block.

Variety: See treatments.

Fertilizer: 3 : 15 : 3 1000 Lbs.  
15 : 0 : 15 1200 Lbs.

Water Regime: Furrow Irrigation.

Soil Analysis:

| pH  | OM % | p.p.m. |     |
|-----|------|--------|-----|
|     |      | P      | K   |
| 6.5 | 4.36 | 14     | 179 |

Age: 14 months (9/62 - 1/64)

Rainfall, this crop: 51.93"

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  | 62.78  | 13.90     | 8.73   | 4.484    | 1248        | 1 | 1 |      |  |
| N.50/211  | 57.38  | 13.75     | 7.89   | 4.098    | 1128        | 2 | 2 |      |  |
| C.B.36/14 | 55.21  | 13.15     | 7.26   | 3.943    | 1038        | 3 | 3 |      |  |
| C.B.38/22 | 45.30  | 14.35     | 6.50   | 3.236    | 928         | 4 | 4 |      |  |

9th May, 1966.