

SOUTH AFRICAN SUGAR INDUSTRY

AGRONOMISTS' ASSOCIATION

RELEASED VARIETY TRIAL

Catalogue No.: 142
This crop: Plant
Site: Klipspruit Section, Powers-
court

Altitude: 2500'
Soil series: Inanda.
Design: 4 X 4 Latin Square
Varieties: See treatments
Fertilizer:

| | | |
|----|----|-----|
| N | P | K |
| 92 | 52 | 100 |

Water regime: Dryland

Soil Analysis: No samples taken

Age: 24 months (1/62 - 2/64)

Rainfall: 76.04"

Object: To compare the yields of four released varieties.

Treatments: N:Co.376 N:Co.293
 N:Co.382 N53/216

Results:

| Variety | T.C.A. | Suc. % | T.S.A. |
|----------|--------|--------|--------|
| .Co.376 | 54.0 | 14.27 | 7.72 |
| N:Co.382 | 56.8 | 14.24 | 8.21 |
| N:Co.293 | 55.9 | 14.31 | 8.03 |
| N53/216 | 65.6 | 14.37 | 9.40 |