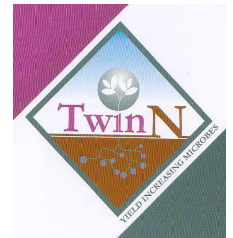


Contact;
Guy Webb B.Sc. REM
FORBES NSW
Australia
0422 806 325
feedmax@bigpond.com



Twin N Rock Melon Trial Griffith 2007

Twin N vs. Calcium nitrate

Grower: Gary O'Meara GRIFFITH NSW

Researcher: Andrew Creek District Horticulturist, Griffith Centre for Irrigated Agriculture

Period: January – March 2007

Trial Outline:

Twin N as the primary source of nitrogen – block E11-172. No Basal N applied. Twin N applied pre flowering through drip with 20 kg of N side-dressed Cal-Nite®. **Total synthetic N applied to Twin N Block = 20 kg**

VS.

Conventional - Basal N application (45 units of Nitrogen) and 13 kg of nitrogen (as Cal-nite®) as a side dress. **Total synthetic N applied to conventional block = 58 kg**

Results: Leaf data revealed no significant difference in leaf nitrogen and no significant difference was recorded for final yield or fruit size between the treatments

Leaf Data Results

21-02-07	Conventional Block E12-173	Twin N Block E11-172
Total Nitrogen %	6.3	5.8

16-03-07	Conventional Block E12-173	Twin N Block E11-172
Total nitrogen %	3.44	3.05

Researcher's notes

The twin N plants actually came through without any basal N, only CaN03 side dress during fruit fill.
 There appears to be no obvious difference in fruit size or yield (between the two treatments).

Clearly Nitrate is down all the way for the Twin N (especially sap), yet the total N% in the leaf dry matter tests show total N is almost on a par, with Twin N just lower at both sampling dates (fruit set & mid fruit development).

“Believe me Guy I have no doubt TwinN had an effect in the melons when applied to root zone”