

### NEMATOCIDES

#### Velum –

Root Knot Nematode Count 0, Gall Rating 0 (Mike Swears)  
 Root Knot Nematode Count 0, Gall Rating 0 (Bob Hayward)  
 Root Knot Nematode Count 25, Gall rating 6 (Headlands)  
 Average Leaf weight 13.86g. % of good leaf 81  
 Cost per ha – US\$1,255.08  
 Expected Yield per ha – 2737kgs



#### Velum + ½ Velum –

Root Knot Nematode Count 0, Gall Rating 0 (Mike Swears)  
 Average Leaf weight 13.65g. % of good leaf 82  
 Cost per ha – US\$1,421.76  
 Expected Yield per ha – 2846kgs

#### Oxamyl Granules –

Root Knot Nematode Count 0, Gall Rating 0 (Mike Swears)  
 Root Knot Nematode Count 0, Gall Rating 0 (Bob Hayward)  
 Average Leaf weight 13.91g. % of good leaf 72  
 Cost per ha – US\$1,041.58  
 Expected Yield per ha – 2667kgs

#### Oxamyl Granules + Oxamyl Liquid –

Root Knot Nematode Count 0, Gall Rating 0 (Mike Swears)  
 Root Knot Nematode Count 0, Gall rating 4 (Headlands)  
 Average Leaf weight 13.68g. % of good leaf 60  
 Cost per ha – US\$1,122.58  
 Expected Yield per ha – 3013kgs

#### Vaniva –

Root Knot Nematode Count 0, Gall Rating 0 (Mike Swears)  
 Root Knot Nematode Count 0, Gall Rating 0 (Bob Hayward)  
 Root Knot Nematode Count 0, Gall Rating 0 (Callum Price)  
 Root Knot Nematode Count 30, Gall rating 3 (Headlands)  
 Average Leaf weight 14.85g. % of good leaf 83  
 Cost per ha – US\$1166.58  
 Expected Yield per ha – 3157kgs



#### Vaniva + 2 Oxamyl –

Root Knot Nematode Count 0, Gall Rating 2 (Callum Price)  
 Cost per ha – US\$1247.58

#### EDB + 2 Oxamyl –

Root Knot Nematode Count 0, Gall Rating 0 (Callum Price)  
 Cost per ha – US\$1299.58

### FUNGICIDES

#### Messenger –

Average Leaf weight 14.22g. % of good leaf 73  
 Cost per ha – US\$1,291.08  
 Expected Yield per ha – 3017kgs

#### Bion, Azoxy Duo, Twist & Kasugamycin –

Were used on all other trial rows.  
 Average Leaf weight 13.93g. % of good leaf 77  
 Cost per ha – US\$1,255.08  
 Expected Yield per ha – 2737kgs



### OTHERS

#### Carbon Capture –

Average Leaf weight 15.08g. % of good leaf 86  
Cost per ha – US\$1,341.88  
Expected Yield per ha – 3201kgs

#### ½ Standard + ½ Humagro –

Average Leaf weight 13.64g. % of good leaf 77  
Cost per ha – US\$1,388.88  
Expected Yield per ha – 2887kgs

#### Humagro –

Average Leaf weight 13.95g. % of good leaf 74  
Cost per ha – US\$1,693.58  
Expected Yield per ha – 3031kgs

#### Biological –

Average Leaf weight 15.21g. % of good leaf 74  
Cost per ha – US\$1,811.86  
Expected Yield per ha – 3139kgs

#### Biological + Humagro –

Average Leaf weight 13.03g. % of good leaf 59  
Cost per ha – US\$2,284.76  
Expected Yield per ha – 2925kgs

### SUMMARY

#### NEMATICIDES –

Although there was no galling on some of the trials, there was a significant difference between the root masses of the various trials. The Vaniva had a much larger root mass (Hair roots) than the other Nematicides. The weight of the Vaniva being 14.85g/leaf and 83% of the leaves from that trial were classified as good leaf (Lesion damage).

#### FUNGICIDES –

All the fungicides used had good control and the Kasugamycin (Bactericide) controlled the Angular and the trials were not affected by diseases.

#### CARBON CAPTURE –

Turns the atmospheric carbon into available carbon in the soil for the plant. Average leaf weight 15.08g. 86% of the leaves were classified as good.

VANIVA



VELUM

