Veggie Trial : Pechay (Chinese Cabbage)

Location: Philippines

Variety: Pechay (Chinese Cabbage)

Harvest cycle: about 30 days

Trial duration: April - May, 2007

Application process: 7, 14 and 21 days after planting

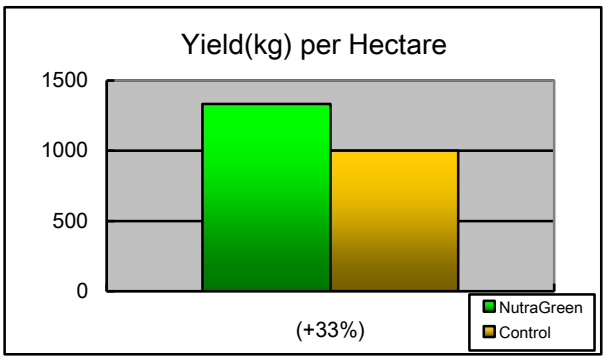
Dilution ratio: 1 (NutraGreen™) to 320 (Water)

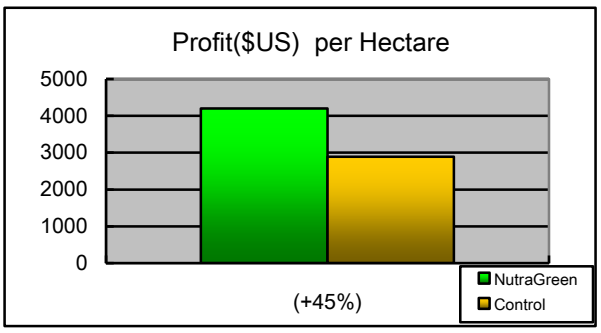
Application amount: Complementing farmers' practice of 160 liters of water to irrigate 1 hectare, 0.5 liter of NutraGreen™ was added to 160 liters of water per hectare.

Trial objectives:

1. To measure crop safety of NutraGreen™ spray applications
2. To measure impact of NutraGreen™ on weight and yield
3. To establish the appropriate rates, timing and frequencies of NutraGreen™ applications

Results:





ITEM	CONTROL	NUTRAGREEN
-Yield (kg/ha)	1,000	1,333
-Price (USD/kg)	0.412	0.412
Total Revenue (USD)	**4,124**	**5497**
-Fertilizer Costs	219	219
-Chemical Costs	76	76
-Nutragreen Cost	---	60
-Labor Cost	884	884
-Others Cost	58	58
Total Costs (USD)	**1,237**	**1297**
Net Profit(USD)	**2,887**	**4,200**
Additional Profit	---	+ 1,313
Profit increase in %	---	+ 45.5%
Profit increased/Cost of NTG	---	21.9 / 1
Cost of Pechay (USD/kg)	1.24	0.97

Conclusion:

1. **NutraGreen™ has reduced the unit cost of Pechay (USD/kg) by 22%.**
2. **Profit increased/Cost ratio of NTG is 21.9 to 1**
3. **NutraGreen™ has enhanced the yield by 33%.**
4. **NutraGreen™ has enhanced the profit by 45%.**

NutraGreen™-treated plants (Middle and Right) shows more verdant greenness and larger leaves than the untreated (Left)

Remarks:

This trial data was recorded and supplied by the FPA Accredited Researcher of Pampanga Agriculture College. "Control" refers to regular maintenance methodology including:

a). Fertilizer – Urea 46% N, Organic compost are applied.

b). Insecticide – Steward 10WG & Tamaron 50EC. Fungicide – Previcur N 70SL.

"NutraGreen" refers to the addition of NutraGreen™ over routine fertigation.