



Foliar fertilizer program on Macadamias

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1. Evaluation of the crop yield influence in Macadamias in a foliar fertilizer program compared to a standard fertilizer program.
2. Two blocks of Macadamia 344 of 1 hectare each with one hectare being treated with a foliar fertilizer program from Nutrico and the other received a normal fertilizer program according to standard practice. The trial was conducted in the Levubu district in 2013-2014.
3. What were the treatments?

Macadamia				
Growth Stage	Month	Product	Dosage	Comments
Before Leaf Flush	Feb	Biosynth Super Cyflo	1 L/ha	
Winter	Jun	Chelag Pot Folia Bor Bud Mixture Cyflo	1 kg/ha 1 L/ha 2.2 kg/ha 50 ml/ha	
Early to late flower	Jul	Bud Mixture Biosynth Super Cyflo	2.2 kg/ha 1 L/ha 50 ml/ha	Every 2 weeks
Pollination	Aug	Bud Mixture Biosynth Super Cyflo	2.2 kg/ha 100 ml/ha 50 ml/ha	
Pollination	Sep	Husk Mixture Cyflo	3.5 kg/ha 50 ml/ha	
Fruitset	Oct	Husk Mixture Biosynth Super Cyflo	3.5 kg/ha 1 L/ha 100 ml/ha	
Fruitset	Nov	Husk Mixture Cyflo	3.5 kg/ha 100 ml/ha	
Husk hardening	Dec - Feb	Full Mixture Cyflo	2 kg/ha 100 ml/ha	4 Applications

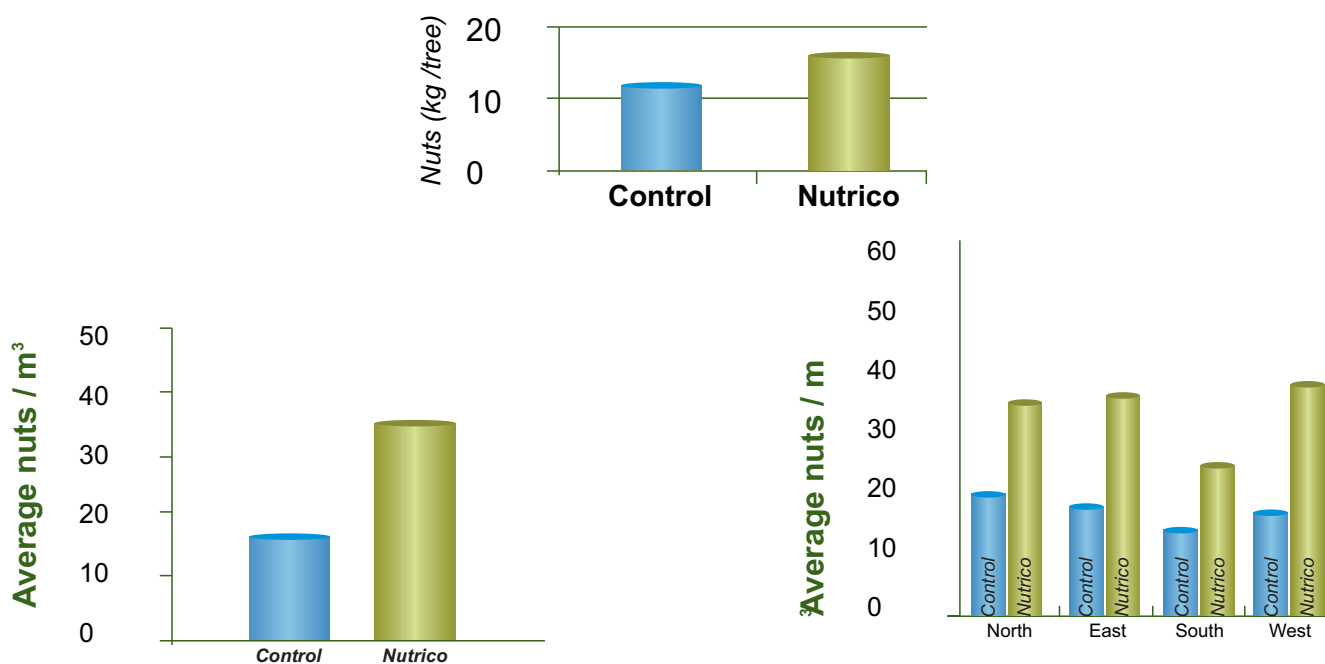
This program does not constitute a full nutritional program, only a program with specific nutrients and products that delivers preferred results when applied at specific growth stages.

4. Results Macadamia



Left: Macadamia Nuts from the untreated block.
Right: Macadamia nuts from the block treated with Nutrico's foliar fertilizer program.

MACADAMIA YIELD 24 % increase



5. Summary

The results were statistically analysed with a t-test and shown a significant improvement in the amount of nuts/m³ in the NutriCo fertilizer sprayprogram ($t_{(31,221)} = 4.4613$, P-value = 0.0009864).