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23 November 2010

GYPFLO IN THE PRODUCTION OF MANGOES

It is very well known that Calcium is one of the most important elements in the production and growing cycle of mangoes.

There are many products in today's market place; one that I have been very closely associated with over the last decade is Gypflo, produced by Ultimate Agri-Products. In Australia we have varying climates in the mango producing areas. Severe weather events can range from extremely hot conditions to very cold conditions, high humidity etc, so timing and application is crucial. I have assessed other products in the field of which Lab and Test results show higher levels of Calcium and in turn Boron. Attached are copies of Leaf Tissue Tests dry matter taken over time to illustrate the rise in Calcium levels.

In my programs, Gypflo is applied sometimes at the pre-flowering stage if required, as a maintenance application, and then onwards from pea size fruit. Three applications at label rate will supply sufficient Calcium to ensure that well known issues such as Jelly Seed, Internal Breakdown and Stem End Cavity are minimal or nil.

In the 2010 harvest in the Burdekin Region of Northern Queensland it is very evident that, with the occurrence of substantially high rainfall combined with extreme heat and humidity, the blocks that had Gypflo applied seem to still be harvesting fruit of very high quality and receiving high market returns.

In conclusion, I am of the opinion that Gypflo's uptake into the tree and fruit is second to none and this is why the Gypflo product is very well known in the Australian market.

Yours faithfully

Andrew Franklin
Managing Director
Northern Agronomic Services

Nutrient Advantage®

Nutrient Advantage Advice® Nutrient Report

MABULLOO LTD
C/- ELDERS

LAUDHAM PARK
QLD 4817

Report Print Date: 22/11/2010
Agent/Dealer:
Advisor/Contact: Andrew Franklin
Phone: 07 47836030
Purchase Order No: UQ59075

Grower Name : MABULLOO LTD
Sample No: 020464817
Paddock Name: PO. UQ59075
Sample Name: LP 32
Nearest Town: RANGEWOOD
Test Code: B1
Sample Type: Tissue
Sampling Date: 5/25/2010

Analyte / Assay	Units	Value
Nitrogen (Kjeldahl)	%	1.10
Nitrate Nitrogen	mg/kg	<50.0
Phosphorus	%	0.190
Potassium	%	0.720
Sulphur	%	0.20
Calcium	%	2.2000
Magnesium	%	0.380
Sodium	%	0.0700
Chloride	%	0.22
Manganese	mg/kg	110.00
Iron	mg/kg	49.00
Copper	mg/kg	11.00
Zinc	mg/kg	15.00
Boron	mg/kg	57.00
N/P Ratio		5.8
N/K Ratio		1.5
N/S Ratio		5.5

The results reported pertain only to the sample submitted.
Analyses performed on plant material dried at 70 degrees Celsius and ground to <2mm
* One or more components of this test are below their detection limit. The value used is indicative only.

Analyses conducted by **Nutrient Advantage Laboratory Services**
8 South Road, Werribee VIC 3030
NATA Accreditation No: 11958
Tel: 1800 803 453
Certificate of Analysis is available upon request.
Email: lab.feedback@incitecpivot.com.au

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Because the land is your life.

Nutrient Advantage

Recommendation & Status Report

Trading Name	NAP	**Field Name**	LP32		
Location		**Section of Field**	ALL		
Contact Name:		**GPS Latitude**		**Longitude:**	
Work Phone:		**Sample Type**	Plant Tissue	**Depth:**	0 - 0 cm
Adviser:	ANDREW FRANKLIN	**Lab Report No:**	9016	**Sample:**	12-Aug-2003
Phone:	0408779873	**Crop:**			
Interpretation:	20-Aug-2003	**Growth Stage:**			
Chart:	257	**Planting:**		**Target Yield (t/ha)**	0
MANGO - Qld data					

The following information and recommendations are suggested for your consideration and are the opinion of the interpreter

Analyte	Value	Def Plant Tests only	Low	< Opt/Norm or Mod	Generally Satisfactory	> Opt/ Norm	High	Excess or Toxic
Nitrogen (Kjeldahl) % PTA	1.20				■			
Nitrate Nitrogen mg/kg PTA	15.00							
Sulfur % PTA	0.19			■				
Phosphorus % PTA	0.18				■			
Potassium % PTA	1.10				■			
Calcium % PTA	1.20		■					
Magnesium % PTA	0.37				■			
Sodium % PTA	0.04				■			
Chloride % PTA	0.31					■		
Copper mg/kg PTA	30.00					■		
Zinc mg/kg PTA	45.00				■			
Manganese mg/kg PTA	310.0				■			
Iron mg/kg PTA	130.0				■			
Boron mg/kg PTA	30.00			■				
Aluminium mg/kg PTA	180.0							
N/S Ratio PTA	6.30							
N/P Ratio PTA	6.70							
N/K Ratio PTA	1.10							

Notes: Interpretations and recommendations given here are a guide only, and depend on representative samples being analysed, additionally environmental and managerial factors influence production, therefore Incitec Pivot Limited and Dealers do not accept any liability whatsoever arising out of these interpretations and recommendations for any damage, loss or injury of any nature and the user takes these interpretations and recommendations on these terms. This recommendation is made in good faith, based on the best technical information available.

Chart Use: *Occasionally Interpretations/Recommendations will be compiled using, as a basis only, a Chart referenced to a different crop or situation. This is necessary only if there is no Chart defined in the system for your crop or situation.*