



# Suggested Nutrient Applications for:

Latest Update: 24/11/10



# MANGOES

Growth Stage		End Dormancy	Bud Swell	Panicle Emergence	Pre Flowering	Fruit Set	Fruit Bulking	Fruit Finishing	Post Harvest	Notes
Product % W/V										
Humic Acid 12	12 Humic Acid	10							10	Improves soil structure, reduces leaching and increases microbes
Base	15-18-20 + 0.1 S, 0.1 Zn, 0.1 Mn, 0.1 Fe, 0.02 Mg, 0.03 B, 0.04 Cu, 0.002 Mo, 0.3 HA								150	Complete high analysis NPK product, excellent K levels. Used all year round, especially post harvest
Complete Plus	18-6-14 + TE		25	25	50	25				Ideal NPK with lower P for pre and post - flowering applications in Mangoes
Smartrace Zinc	Chelated Zinc 10, 4.9 S	3			3				3	Highly available zinc promoting auxin synthesis
Gripper C Trace Magnesium	4.4 S, 3 Zn, 2 Mn, 1.3 Fe, 1 Mg, 0.7 B, 0.4 Mo, 0.3 Cu	4			4				4	EDTA Chelated multi-trace elements product in an ideal ratio
Smartrace Iron	Chelated Fe 5, 2.9 S	3			3				3	Chelated Iron for leaf uptake. Adjust rates based on leaf samples
KELPIT	100% Seaweed Sargussam & Durvillea		3	3						Seaweed extract which promotes root growth & panicle emergence
Firmrite Spray Cat 7.5	7.5 Ca, 12.5 S		20	20	10	10	10			Highly available calcium for plant uptake & to displace sodium. Will also acidify rhizosphere.
Gripper Calcium	2.6-0-0, 3.8 Ca		4	4	4	5	5			EDTA Chelated Calcium for better uptake and transport.
Boron 15	6-0-0, 15 B		1.5		1.5	1	1			Non-sodium form of Boron. Drives Calcium uptake, improves flowering, fruit retention & quality.
Gripper Magnesium	6.2-0-0, 5 Mg		2	2	2					EDTA Chelated Magnesium, better uptake and sugar translocation.
K Blast 36	0-0-36, 8.8S		= PRODUCT TO PRODUCT COMPATIBILITY*				5	5	5	Ideal fruit finishing product with highly available K.
Hi K 41.5	0-0-41.5		= PRODUCT TO PRODUCT COMPATIBILITY*				50	50		High K, ideal for boosting sugar levels and skin colour late in the season
32.3	32-0-0, 0.3 Humic Acid								120	A high analysis liquid nitrogen mixed with humic acid to improve soil properties and N retention
Reducer pH Acidifier		(For high pH soils/water use 0.5 Lt Reducer pH Acidifier per1000 Lt irrigation water)								Apply during irrigation to drop pH, dose according to pH change sought

\* = Product to Product Compatibility when diluted with water at correct rates

Minimum Water Rate: Foliar Application 1:50 Fertiligation 1:100

Yellow box = Foliar (Lt/Ha)

Green box = Fertiligation (Lt/Ha)

### Important Notes:

- (1) The product label should be consulted before use of any of the products referred to on this sheet, always refer to the label when applying SprayGro Liquid Fertilizer products.
- (2) To ensure correct nutrients are delivered to the plant, tissue testing should be carried out prior applying any nutrients to determine your crop situation. Crop damage is possible if trace elements are applied in excess more so than from deficiency.
- (3) This information sheet is a guide only as SprayGro Liquid Fertilizers neither makes, nor authorizes any agent or representative to make any other warranties, express or implied, other than those stated on the product label.
- (4) SprayGro Liquid Fertilizers shall not be liable for any results, loss, or damage whatsoever, whether consequential or otherwise through the use or application of products and/or materials referred to herein.
- (5) We recommend that when applying to a crop or area for the first time, or in combination with other chemicals, a small test area should be sprayed and observed prior to the total crop spray. Combination sprays can induce crop phytotoxicity.
- (6) Apply at times of low light intensity, early morning or preferably during the evening. Avoid applications to wet leaves, stressed crops and on exceptionally hot, dry or sunny days. Overcast, calm and cool conditions are best.
- (7) E.&O.E.