

KIWIFRUIT

Foliar Nutrition Guidelines

Cropstage Product	Bud Burst	Pre Blossom	Flowering	Petal Fall	Fruit Development	Post Harvest
AminoQuelant-B (B)	1.0 ltr/ha					2.0 lts/ha
Mantissa Mag Super 80 (Mg)				3.0 lts/ha, repeat 14 days later, or as required during growing season		3.0 lts/ha
AminoQuelant-Ca (Ca)				After 100% petal fall, up to three applications 5.0 lts/ha, 14 days apart or as required.		
Mantissa Jett (Mn)		2.5 lts/ha during shoot development before flowering or as required during the growing season			Small fruit stage onwards	
Mantissa Century or Zinc (Zn)		Century: 0.75 - 1.0 ltr/ha or Zinc: 2.0 lts/ha During shoot development before flowering or as required during the growing season				1.0 ltr/ha After harvest, replenish buds next year
Kiwifruit Complex		5.0 kg/ha		5.0 kg/ha, or as required		5.0 kg/ha immediately post harvest
Terra-Sorb			3.0 lts/ha	3.0 lts/ha		
AminoQuelant-K low pH					3.0 ltr/ha to improve brix and fruit quality	
Balance			2.5 - 5.0 Kg/ha Apply at 7 - 10 day intervals during periods of high nutrient requirement, eg. over flowering, fruitset and fruit development.			
VitaZyme (Biostimulant) BioGro registered.		1.0 ltr/ha		1.0 ltr/ha during rapid cell division and general maintenance of vine health.	1.0 ltr/ha	
Pollinus			1.0lts/ha			

- NOTES:**
- Generally timing of recommended nutrient applications is based on leaf testing or Fluorimetry results indicating deficiencies for micro nutrients and nutrients and photosynthesis efficiency. November leaf testing may allow time to correct current seasons crop shortages. Sampling in Feb-March, standard sampling time to assess how well the vines are doing in relation to fertiliser programme used. It is recommended to annually leaf test orchards and build up a data base on the key nutrient issues, maximising economic yield.
 - Mantissa Soluble Solutions** are 100% soluble, 100% plant available foliar nutrients.
 - Kiwifruit Complex**, is a carefully balanced nutrient formulation developed for NZ conditions and crop requirements, that maximises leaf canopy health enabling the vines to take up soil reserves more efficiently. Post harvest applications help build up root reserves for improved new leaf and root growth.
 - VitaZyme** is a biostimulant to accelerate vine/soil symbiosis improving fruit quality and size. Maximum benefit is obtained from a programmed approach of 3 applications per season.
 - Terra-Sorb** is a Plant Stress Management compound based on bio-active amino acids.
Apply in periods of natural stress, flowering and fruit development. For frost recovery and/or prevention of frost damage apply Terra-Sorb to re-energise the canopy for faster recovery.

- TANKMIXING GUIDELINES:**
- When mixing Mantissa products with mineral oils, as recommended in the approved Kiwifruit program, ensure that the addition of oil is always the last step in the mixing procedure.
 - Consult Mantissa Corporation Ltd for the latest compatibility/tankmixing recommendation.

- The addition of **Guard 2000** at 0.1% of water volume to improve spray retention and rainfastness is strongly recommended. It is particularly useful during hot or showery conditions. Guard 2000 is also a drift control product and is ideally suited
- Reach** adjuvant is a super spreader maximising coverage at all water rates, particularly lower water rates

- As leaf analysis or Fluorimetry tests dictate
- Routine application
- Good management practice

Mantissa Corporation Ltd

PO Box 746, Cambridge. Tel 07 827 4856, Fax 07 827 4806
Email: info@mantissa.co.nz, Website: www.mantissa.co.nz