V[12] Biostimulant range




Andermatt

V12 Foliars

V12 Foliars provide balanced nutritional support, stimulate healthy growth, fight stress and combat deficiencies.

Why use *V12 Foliars*?

- Soil applied nutrition supplies the bulk of a crops nutritional needs however soil and root conditions may not always be optimal for uptake or requirements may exceed supply.
- ***V12 Foliars*** offer an effective means to supply broad spectrum nutrition and ensure against shortfalls.
- Quickly address a range of deficiencies.
- Provide luxury levels of nutrition during critical growth phases.
- Reduce and combat plant stress.

What are *V12 Foliars*?

- A range of nutrition products designed to supply luxury levels of nutrition to protect against yield limiting deficiencies.
- Kelp and fulvic acid provide a natural base to the formulations and support the use of the products with Andermatt's various microbial products.
- A full spectrum of micronutrients ensure against any possible deficiencies.
- Natural amino acid chelation ensures optimum delivery of plant nutrients.
- Ideal for use as recovery tonics to revitalise stressed or deficient crops or incorporate into your Integrated Fertiliser Management Program to provide well balanced foliar feeding.

V12 Multi®	***V12 Micro®***
• The all in one foliar fertiliser • N, P and K plus a full range of micronutrients	• Luxury levels of micronutrients • Ideal for resolving unidentified deficiencies

V12 Stage Nutrition

The ***V12 Stage Nutrition*** offers plant vitality and nutrient range solutions to support and optimise targeted growth phases.

Why use *V12 Stage Nutrition*?

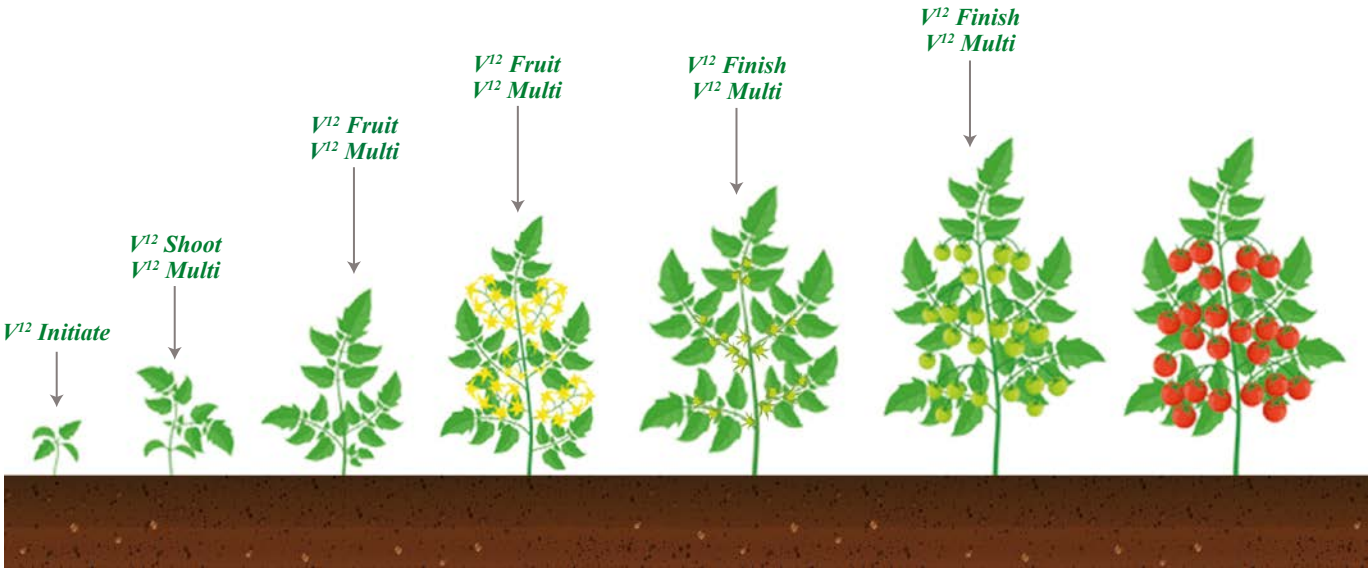
- Each growth stage has its own unique nutritional needs.
- ***V12 Stage Nutrition*** provides a tailored nutritional support for each growth stage reducing stress and preventing stage related deficiencies.
- An easy to follow nutritional support program for any crop.
- Optimise development in each growth phase to optimise yield potential.

V12 Initiate	***V12 Shoot***
• Nutrition for germination and early growth phases • Improve rate of seedling emergence and produce a more even crop stand • Improve seedling vigour and strength • Set the platform for optimum yield	• Support and stimulate vegetative growth and photosynthesis • Improve chlorophyll levels • Protect against oxidative stress • Optimise production capacity of the crop
V12 Fruit	***V12 Finish®***
• Optimise fruit development • Improve pollination success • Reduce flower and fruit drop • Produce more even, well-sized fruit • Improve fruit quantity and quality	• Optimise fruit fill and quality • Assist the plant in achieving maximum yield potential • Improve fruit size and quality

What is *V12 Stage Nutrition*?

- A nutritional range tailored to stimulate and optimise each major growth phase of a crop.
- Amino acids not only chelate but also support each growth stage.
- Nutrients have been carefully selected for optimum benefit.
- Boron, calcium, silica and micronutrients in ***V12 Initiate*** support rapid growth in the early stages.
- Magnesium and iron in ***V12 Shoot*** support photosynthesis during vegetative growth.
- High levels of boron in ***V12 Fruit*** aid in the production of pollen and to reduce deficiencies associated with flower and fruit drop.
- Targeted amino acid tryptophan plus potassium and phosphorus in ***V12 Finish*** assists fruit fill ensuring maximum yield potential is achieved.

V12 Biostimulant range



Biostimulants in summary

Product	Macro Biostimulants				Micro Biostimulants		Amino Acids							Vitamins			
	Kelp	Fulvic Acid	Protein Hydrolysate	K Ligno-sulphanate	Triacontanol	Brassinolide	TRP	GLY	GLU	PRO	LYS	MET	ARG	C	E	B1	B6 +12
V12 Initiate	✓	✓	✓	✓													
V12 Shoot	✓		✓		✓			✓	✓					✓		✓	
V12 Fruit	✓		✓			✓				✓	✓	✓					
V12 Finish®	✓		✓				✓						✓				
V12 Multi®	✓	✓	✓		✓										✓	✓	✓
V12 Micro®	✓	✓	✓														

Product	Macro elements (g/kg)						Micro elements (mg/kg)						
	N	P	K	Ca	Mg	S	Si	Fe	Zn	Cu	Mo	Mn	B
V12 Initiate			2.86	74.8	1.76	63.83	69700	3323	23145	222	41	18357	4043
V12 Shoot	10				10.78	31.94		24000			4520	5742	
V12 Fruit	8.8					2.9							20500
V12 Finish®	6	90	202										
V12 Multi®	75.1	79.92	92.46		0.34	3.72		1712	534	175	39	348	252
V12 Micro®	11.66		15.12		6.86	35.6		30411	14030	4075	741	11869	6300

Andermatt

Healthy Food and Healthy Environment, for all

E: support@andermatt.co.za
W: www.andermattafrica.com