

April 2014

Product Catalogue

VEGETABLES—FRUIT—TURF—PASTURE—CROPPING—HOME GARDEN

- Chelated Liquid Fertilisers
- NPK Rock Mineral Fertilisers
- Microbial Inoculums
- Humates, Fulvates, Biologicals



www.ecogrowth.com.au



High Analysis Liquid

Bulk Liquids, 200Lt, 1000Lt, 19,000Lt Tanker



Eco-Vital

Fish, Kelp + Trace

Trace Foliar spray designed for rapid leaf uptake.

Often used where skin firmness is required, especially useful for firming fruit, & reducing the affect of Heat / Cold.



Liquids are now stronger

and more complex than ever.

Chelating technology now gives us strong clean liquids often equivalent in analysis to bagged fertiliser.



Ask about Bulk Custom Liquids

Typical Analysis W/V	Chelate	N%	P%	P ₂ O ₅	K%	K ₂ O	Ca%	Mg%	S%	Si%	Fe ppm	Cu ppm	Zn ppm	Mn ppm	B ppm	Co ppm	Mo ppm
Express NPK	✓	16	7	16	16	20		.08	1.85		400	250	261	438	102	21	39
Express PK	✓		13	29	30	37.5		.08	1.85		400	250	261	438	102	21	39
Express N	✓	26															
Express NK+Te	✓	23	1.8		4.5			.08	1.85		400	250	261	438	102	21	39
Express P	✓		16	36													
Express K	✓				40	50											
Express Ca+B	✓	4.0					17										
Express TE	✓	3.3						1.5	4.5		20000	7000	12000	15000	6800	210	325
Liquid Si Potash	✓				9.3	11.6				16.6							
Eco-Vital	✓	2	.6	1.3	.4	.5	.5	.2			722	730	750	704	34	8	1.3

can include: Nickel, Auxins, Cytokinins, Gibberellins, Alanine, Valine, Glycine, Isoleucine, Leucine, Proline, Threonine, Serine, Methionine, Hydroxyproline, Phenylalanine, Aspartic acid, Glutamic acid, Tyrosine, Ornithine, Lysine, Arginine, Vitamins: B1 B2, C, E, Riboflavin, niacin, Choline, Carotene, Pantotene, +minor trace



Eco-Prime Blends

SMART Biological granular NPK – Designed to adapt to soil and plant requirement, using a unique formulation of mineral NPK and Trace Elements, bonded with **beneficial microbes** (including *beneficial bacteria & fungi - VA Mycorrhizae*) for intelligent on-demand nutrient release.



Custom Blends

Lupins, Canola, Wheat, Hay...

If you require 6 - 1000tons, Why not have your fertiliser tailored to your individual crop and soil type! Eco-growth offers an extensive service to Test your soils and Tailor your fertilisers to suit.

Potassium Silicate



Clay bound Potassium used for slow release in conditions where Potassium normally leaches, such as under heavy irrigation. Silicate fraction of this product is plant available for lignin construction and can be extremely effective for binding toxic Aluminium.

Humus400



Rich source of Humic materials including Fulvic and Humic acid, Used for nutrient retention / release in light and heavy agricultural soil. Noted for its buffering capacity against Sodium and Aluminium, and ability to **release Phosphorous** in low pH and High Reactive Iron situations.



*K₂O & P₂O₅ are American Standards used here for comparison

	N%	P%	P ₂ O ₅	K%	K ₂ O	C%	Ca%	Mg%	S%	Si%	Fe%	Cu ppm	Zn ppm	Mn ppm	B ppm	Co ppm	Mo ppm	Se ppm
Eco-Prime Soft Rock Phos	0.2	11.2	25.2	1	1.25	0.2	21.5	0.76	1.6	23	1.8	400	620	1800	45	100	12	19
Eco-Prime Natural PK (SF12)	0.17	5.6	11.4	0.52	0.65	7.5	19.5	1.5	2.3	13.5	1.6	100	200	700	30	10	10	4
Eco-Prime NPK Blue	6.1	3.2	7.3	6.2	7.5	7.0	9.7	0.4	6.4	4.3	1.1	92	136	476	25	20	3	Trace
Eco-Prime NPK Purple (SF35)	11.4	2.9	6.4	8.0	9.5	2.5	6.5	1.1	11	4.5	0.5	67	117	1785	10	3	3	Trace
Eco-Prime Red (SF14)	6.4	8.2	18.7	8.1	9.7	2.3	8.9	0.7	7.3	7.7	0.8	124	203	2070	17	21	4	Trace
Eco-Prime Emerald Commercial Turf	15.5	0.9		7.6	9.1	3.3	0.9	0.6	13	2.1	1.2	18	60	4756	13	9	2	Trace
Eco-Prime PhosPot	0.2	9.8	22.4	6.0	7.2	0.2	18.8	0.7	3.7	20	1.6	350	543	1575	44	88	9	11
Eco-Prime Strawberry	6.0	4.6	10.5	8.2	10.2	4.3	9.0	0.72	8.7	6.5	0.9	92	164	1875	15	5	5	Trace
Eco-Prime Orange	5.8	5.1	11.6	12.7	15.3	3.0	10.1	0.6	6.9	8.6	1.0	139	3727	2117	770	23	5	4
Humus 400	0.6	0.0		0.0		58	0.2	0.1	2.7		1.3	2.4	7.1	23	42	1.8	0.5	

Biological Enhancers



Eco-Wet

Low Surfactant Soil-Wetter

- Penetrates Soil **FAST**
- Spreads Moisture
- Re-wets from dry
- Holds Moisture & Fertiliser

Response may vary with soil type



Eco-Humate



Liquid Humic Acid (alkali pH), lifts soil Cation Exchange Capacity (CEC).

- Improves Nutrient availability ie. Phosphorus in High reactive Iron soils
- Reduce Nutrient leaching, ie. Potassium and Ammonium Nitrogen



Liquid Fish



Cold pressed enzyme digested Liquid Fish Fertiliser. Rich in nutrients, and soil building omega 3 oils, proteins and fatty acids. Unlike regular "emulsions", this product is not a low grade waste bi-product.



Eco-Fulvate



Liquid Fulvic Acid (neutral pH).

Famed for its chelating properties, Fulvic acid is most often used as an adjunct to foliar fertilisers and glyphosate to improve efficiency of leaf up-take.



Dry & Liquid Kelp



Concentrated Natural Ocean Kelp, milled to a fine powder for ease of mixing with water and fast leaf response. High in Trace elements, Potassium, Natural Plant Hormones & Sugars.



Liquid VHumus & BA Microbes



Contains beneficial bacteria & fungi (Mycorhiza). This product is designed to populate the soil with specific beneficial microbes that can quickly boost plant productivity in tired soils, & improve longterm soil health.



Eco-Vital

Fish, Kelp + Trace



Trace Foliar spray designed for rapid leaf uptake.

Often used where skin firmness is required, especially useful for firming fruit, & reducing the affect of Heat / Cold.



Liquid Si Potash



9.3%K 16.6%Si 0%Na

Silicate forms up to 10% of a plants structure, and is an essential part of its natural defense system.

Chelated ↑Analysis ↑Availability

Bio-Fungicides & Fertilisers



vinevax™ Trichoderma Products

Prune Wound Dressing
Bio-Implant Dowels

Plantmate Foliar
Plantmate WP *wettable Powder*
Plantmate Granular
Onionmate Granular
Trichodry

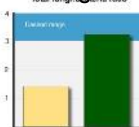


 **Vinevax** registered APVMA
Eutypa Dieback



Mycorrclin *Mycorrhizal fungi enzyme*

Activates indigenous Mycorrhizal fungi, increasing nutrient & moisture uptake. Enlarges area of soil-root growth, reducing soil compaction & releasing Phosphorous and Calcium.



Digester

As the name suggests, Digester is an enzyme for the rapid natural break down of stubble, Cuttings & organic waste material

Ask for more information



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