

Sustainable Farming Products

... it all starts with the soil

Bio-Stimulants



Vitazyme - Enhance crop performance.

Vitazyme contains biological activators that enhance crop performance by stimulating chlorophyll production, providing the plant with more energy and reducing plant stress - stimulating growth & yield.

- Stimulates root growth
- Improves fertiliser utilisation
- Improves yield & quality
- Over 20 years University research & farmer use

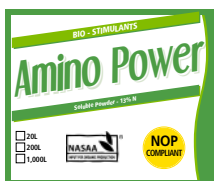


Super Kelp - Stimulates root growth, reduces stress.

Supports a healthy root system and crops under stress which is vital for longer term production and profitability. Improved root growth allows plants to absorb nutrients like P and Ca.

Foliar: 1-5L/ha; Soil 3-7L/ha.

- Improves root growth
- Improves tolerance to heat & cold
- Mixes easily with fertiliser



Amino Power - 80% Amino acid powder.

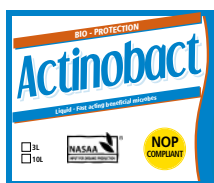
Made from hydrolysed plant proteins.

Foliar spray: 1.0-2.5kg/ha

Irrigation: 2.5-5.0kg/ha

- Ideal to stimulate plant vegetative growth
- Directly absorbed by plant leaves & roots
- 100% soluble powder

Bio-Protection



Actinobact Liquid - Fast acting beneficial microbes.

Contains Streptomyces sp and Bacillus subtilis (1 x 10⁸ cfu/ml) which are powerful beneficial microbes.

Naturally colonises the plant root system and crowds out pathogens.

- Biological amendment
- Mixes with most fertilisers & ag-chemicals
- Easy to use liquid formulation
- Can be used with fungicides

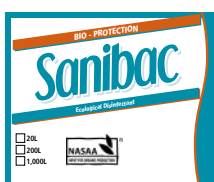


Grosil - Strengthens plants.

When applied to the foliage, Grosil is absorbed into the leaf cuticle where it strengthens the plant structure.

Foliar spray : 2-4L/ha; Via irrigation : 5-10L/ha.

- 100% plant available potassium silicate
- Strengthens plant cell walls
- Improves photosynthesis



Sanibac - Ecological disinfectant.

Concentrated hydrogen peroxide which is stabilised and activated with silver.

Suited to surface, spray & water disinfection.

Reliably combats bacteria, viruses, yeasts and fungi.

- Tested against over 200 pathogens
- Decomposes into oxygen & water

Soil Essentials ...

... improve nutrient availability
... suppress disease

Soil Health



Feeds soil microbes.

Stimulates biological activity to provide plant and soil health benefits. For optimum performance apply regularly during growing season. Use as a foliar spray or soil conditioner.

- Improves availability of nutrients to crops
- Reduces root disease
- Improves water penetration (heavy soils) & water retention



Soil Health Improver - Fish, kelp, fulvic, molasses, extra P.

Suitable for soil or leaf application. For optimum crop performance apply regularly during the growing season.

- Stimulates a diverse range of microbes
- Fulvic acid to improve nutrient uptake
- Kelp to improve root growth
- Provides active carbon source to feed soil



Fertiliser uptake enhancer.

10% Potassium Fulvate liquid. Boosts response time by plants to fertiliser application - good for correcting nutrient deficiencies in plants during growth.

- Use with NPK fertilisers & trace elements as natural chelating agent
- Dissolves in acid and alkaline solutions
- Improves fertiliser uptake via leaf & roots



Fulvic Acid Powder - 98% soluble.

Fulvic Acid is widely known for its ability to improve the uptake of nutrients by plants in leaf & soil applications. It bonds with plant nutrients to reduce their immobilisation in the soil.

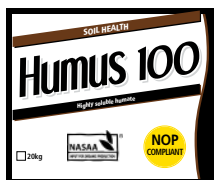
- 85% fulvic acid - cost effective powder
- Provides a valuable source of carbon for soil microbes
- Used to buffer UAN foliar sprays



Liquid Concentrate - Active carbon source.

Contains humic and fulvic acid which are the most active components of soil carbon. Microbes use active carbon to improve soil structure, improve moisture retention & suppress disease.

- Cost-effective active carbon
- Improves soil structure
- Improves fertiliser & water retention
- Buffers salinity



Highly soluble humate powder.

High quality, highly soluble K-humate powder. All the benefits of humate which include improved soil structure, moisture retention and disease suppression.

- More than 88% humate (as humic & fulvic acids with potassium)
- Highly soluble - 98%
- Used in all forms of agriculture



Premium Soil Amendment.

Pellets made from Australian peat. 40% humic & fulvic acids; 37.9% silicates. Provides active carbon and silicates which soils need to thrive. Soil microbes need energy from active carbon (humic & fulvic) to improve soil health.

- Active Carbon Source
- Retains nutrients & water
- Blend with solid fertiliser



Bio-Nutrition



Platform for biological agriculture.

Contains beneficial fungi & bacteria including Mycorrhiza, Trichoderma, Bacillus, Streptomyces, Pseudomonas, Azospirillum, Azotobacter, Azorhizobium

- Activates nutrient uptake
- Dissolves hard to capture nutrients like P and Ca
- Microbes in MicroPlus out-compete pathogens & improve root growth
- For vegetables, fruit, vines, turf & broad-acre situations

Organic Fertiliser - Liquid



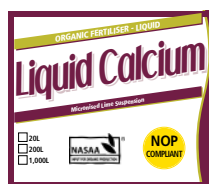
8% N concentrated liquid.

- For managing in-crop nitrogen demand and building yield
- Provides immediate nutrition for your crop
- Ideal to stimulate plant vegetative growth
- 100% soluble liquid, for application via irrigation or foliar spray
- Apply at 2-5L/ha foliar; 5-10L/ha via irrigation



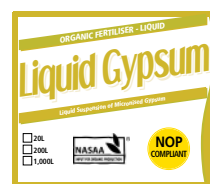
Liquid 30% Potassium.

- Plant available potassium
- Facilitates energy transfer
- Improves stress tolerance
- Improves quality, colour, yield & storage
- Suitable as foliar spray or via irrigation



Liquid Calcium.

- Liquid Calcium is a liquid suspension of micronised lime.
- Provides a microbe friendly source of calcium for improved soil and plant health
- 10 litres of Liquid Calcium provides 4.5kg of available calcium which is the same amount as is immediately available in 1 tonne of lime.



Liquid Gypsum.

- Liquid Gypsum is a liquid suspension of micronised gypsum.
- Microbe friendly source of calcium and sulphur, two commonly deficient nutrients, that improve soil and plant health
- Improves soil structure of sodic soils

Organic Fertiliser - Powder



Micronised Guano Powder - 12%P.

- Source of phosphorus (12%) and calcium (25%)
- Micronised (90% <5microns) for maximum availability
- P is essential for energy transfer and proper plant growth
- Ca is important for soil health and plant cell wall development
- Apply at 5-10 kg/ha as soil drench and via irrigation



Multi-mix Trace Elements.

- Amino acid chelated trace elements
- Designed to address deficiencies as a foliar spray or via irrigation
- Soluble Powder

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Microbe friendly nutrition

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Organic Fertiliser - Solid



Economical pelletised fertiliser.

All purpose fertiliser based on composted poultry manure. Ideal cost-effective pre-plant to provide nutrients and essential soil organic matter.

Apply 200kg - 2 t/ha (20 - 200g/sq.m)

N - 4.0%	P - 1.8%	K - 2.0%	Ca - 3.2%	S - 0.5%
Mg - 0.6%	Fe - 0.2%	Zn - 0.04%	Mn - 0.05%	Cu - 0.02%



Premium pelletised fertiliser.

Includes blood & bone, fish meal, seaweed extract, composted poultry manure for stronger plants. Ideal pre-plant for vegetables & basal fertiliser for fruit trees.

Apply 200kg - 2t/ha (20 - 200g/sq.m).

N - 4.5%	P - 3%	K - 2.8%	Ca - 3.8%	S - 0.8%
Mg - 0.5%	Fe - 0.3%	Zn - 0.03%	Mn - 0.05%	Cu - 0.01%



High N (8%) pelletised fertiliser.

Based on composted poultry manure boosted with extra protein meal. Ideal for use as a mid season fertiliser for fruit, vegetable side-dress, garden beds, or as a top dress on turf. Combination of immediately available and slow release nitrogen.

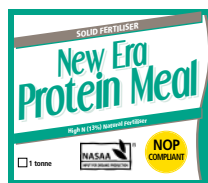
N - 8%	P - 1%	K - 1.0%	Ca - 1.0%	S - 0.25%	Mg - 0.14%
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Customised blends.

Blends are typically based on pelletised organic fertiliser from composted poultry manure.

- Blended to suit specific requirements
- Ideal for organic and conventional farmers
- Reduces number of different applications
- Saves time and money



Natural N (13%) fertiliser.

A high quality blend of animal protein that provides a combination of immediately available and slow release organic N.

Apply as a pre-plant fertiliser or side-dress to boost plant development & strength.

Apply 200kg - 1 t/ha (20 - 100g/sq.m).



Natural phosphorus mineral.

Inoculated with beneficial microbes to enhance phosphorus release. Suitable for fruit & nut trees, vines, vegetables, row crops, tropical fruit, turf, pastures & cereals.

For optimum growth apply 50kg - 1 t/ha. Also available as a powder.

N - 0.2%	P - 11.2%	K - 1%	Ca - 21.5%	S - 1.6%
Mg - 0.76%	Fe - 1.8%	Zn - 0.06%	Mn - 0.18%	Si - 23%