



SUSTAINABLE  
FARMING SOLUTIONS

# IN THE BUSINESS OF SUSTAINABLE AGRICULTURE FOR 25 YEARS



## FARM SPECIFIC ADVICE

Access our network of experienced agronomists.

## LOCAL SUPPLY

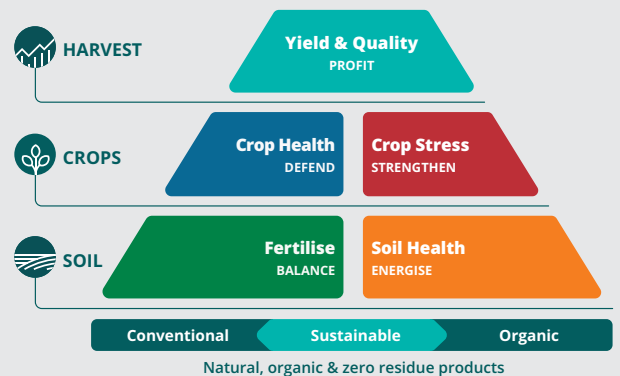
We have Australia-wide distribution.

## SUSTAINABLE FARMING

There is increasing pressure on chemical residues and interest in "softer" options to solve production problems. An important first step is to strengthen crops and improve soil health.

## INTERESTED IN ORGANICS?

Organic produce is in demand. We have a 25 year history of supplying quality products and programs to organic growers.



*Harness the power of nature*

## CROP STRESS

### Stimulates root growth, reduces stress

NASAA # 6177M; AO # 11240  
NOP Compliant

Liquid and Soluble Powder.

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.

- Improves root growth
- Improves tolerance to heat & cold
- Mixes easily with fertiliser
- Foliar: 1-5L/ha (300-500g/ha); Soil 3-7L/ha (500-750 g/ha).

# Super Kelp

# Super Kelp SP

### Enhance crop performance

NASAA # 6177M; AO # 11240  
NOP Compliant



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
- Apply at 1-2L/ha as foliar or via irrigation

### Seed Treatment

NASAA # 6177M; AO # 11240  
NOP Compliant



The bio-stimulants in Vitazyme ST activate plant metabolism and root zone microbial activity, supporting a larger root system, increased survival and more vigorous seedlings in critical early stages.

- Promotes root growth & seedling vigour
- Larger root system
- Better emergence
- Low rates of product required (100-200ml/ha of seed)

### Learn more online

View Product Documentation, Directions for Use, Product Pack Sizes and Application Rates.

[sustainablefarming.com.au](http://sustainablefarming.com.au)

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## CROP HEALTH

### Fast acting beneficial microbes

NASAA # 6177M; AO # 11240  
NOP Compliant

# Actinobact

Contains Streptomyces sp and Bacillus subtilis ( $1 \times 10^{12}$ cfu/L) which are powerful beneficial microbes.

- Naturally colonises the plant root system
- Mixes with most fertilisers & ag-chemicals
- Can be used with fungicides
- Apply to soil & spray: 1-2L/ha.

### Strengthens plants

NASAA # 6177M; AO # 11240  
NOP Compliant

# Grosil

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

- 100% plant available potassium silicate
- Strengthens plant cell walls
- Improves photosynthesis
- Foliar spray : 2-4L/ha; Via irrigation : 5-10L/ha

### Next generation Trichoderma

NASAA # 6177M;  
NOP Compliant

# Sabel-X<sup>®</sup>

HORTICULTURE

# Sabel-X<sup>®</sup>

CANOLA

# Sabel-X<sup>®</sup>

CEREALS

# Sabel-X<sup>®</sup>

CORN

Sabel-X unlocks the soil's biological potential by living inside the plant and triggering genes to activate root zone microbes, resulting in improved yield and quality.

- Trichoderma  $7 \times 10^7$  cfu/g
- Micro-encapsulated
- Horticulture: 500g/ha applied as drench, via irrigation, seed treatment or spray for a range of vegetables, fruit & nut trees, vines & legumes.
- Corn: 30g/25kg seed - dry seed treatment for field corn, popcorn & sunflowers
- Cereals: 30g/25kg seed - dry seed treatment for wheat, barley, oats, cereal rye, spelt, triticale; sorghum use at 60g/25kg seed.
- Canola: 60g/25kg seed - dry seed treatment

### Ecological disinfectant

NASAA Cert # 6177M

# Sanibac

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

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[sustainablefarming.com.au](http://sustainablefarming.com.au)

### Improves soil performance

NASAA # 6177M; AO # 11240  
NOP Compliant

## Soil Enhancer

Suitable for soil or leaf application

- Easy to use formulation
- Contains humus, seaweed extracts, amino acids, vitamins
- Improves soil structure and root growth
- Organic matter plays a key role in many soil processes.
- Research shows humus, the most active component of soil organic matter, is an efficient way to get the benefits of organic matter without significantly changing production methods.
- Use our Soil Health Calculator to determine the rates for your soil and crop type.

### Activates microbial activity

NASAA # 6177M; AO # 11240  
NOP Compliant

## Soil Activator

Suitable for soil or leaf application.

- Easy to use formulation
- Contains multiple food sources to activate soil microbes
- Soil microbes play a critical role in nutrient availability and disease suppression.
- Research shows feeding soil microbes is the place to start to get your soil working for you.
- Use our Soil Health Calculator to determine the rates for your soil and crop type.

### Feeds soil microbes

NASAA # 6177M; AO # 11240  
NOP Compliant

## Fish Emulsion

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

NASAA # 6177M; AO # 11240  
NOP Compliant

## Fish Plus

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

- Feed microbes
- Fulvic acid to improve nutrient uptake
- Kelp to improve root growth

### Soil Application

NASAA Cert # 6177M  
NOP Compliant

## Fish Max

Super concentrated food source for microbes.

Easy to use. The product is run through a 100 micron screen to ensure it will not clog the filter/sprayer and will spread evenly.

### Fertiliser uptake enhancer

NASAA # 6177M; AO # 11240  
NOP Compliant

## Fol-Up

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

Underperforming soils cost billions of dollars in lost revenue each year.

Create productive soils with our practical soil health solutions



A tool to help you create productive soils

[sustainablefarming.com.au/calculator](https://sustainablefarming.com.au/calculator)

*Harness the power of nature*

## SOIL HEALTH

### Fulvic Acid Powder - 98% soluble

NASAA # 6177M; AO # 11240  
NOP Compliant

**Fulvic  
Acid Powder**

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.

- 95% 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

NASAA # 6177M; AO # 11240  
NOP Compliant

**Humus 26  
Humus 100**

### Highly soluble humate powder >88% humate

NASAA # 6177M; AO # 11240  
NOP Compliant

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

### Ultra concentrated Mycorrhizae liquid

NASAA # 6177M; AO # 11240  
AO Cert # 11240

**MYCOGEL**

Mycorrhizae are critical in giving plants access to nutrients. For every cm of root, around 3 m of fungus structures emerge which enables the plant to access nutrients and water from areas the root itself could not reach.

- 100 times concentration
- Faster acting - 2 weeks to full colonisation of roots instead of 4+ weeks
- Easy to use liquid gel formulation
- Sterile production process - ensures no contamination
- Increases water and nutrient uptake
- Contains germinated mycorrhizae, hyphae and secondary metabolites for immediate colonisation plus spores. This means plants have better access to nutrients within 2 weeks which is critical at planting.
- Savings - faster and better growth and improved quality and yield

## FERTILISE: LIQUID & POWDER

### Available Calcium - leaf & soil

NASAA # 6177M; AO # 11240  
NOP Compliant

**Organic-Ca**

Formulated with boron, amino acids and natural chelating agents to achieve higher calcium uptake and utilisation

- Corrects possible deficiencies in all crops
- Calcium is essential for proper cell wall development

### Liquid 30% Potassium

NASAA # 6177M; AO # 11240

**Organic-K**

Plant available potassium

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

### Multi-mix Trace Elements

NASAA # 6177M; AO # 11240  
NOP Compliant

**Organic-TE**

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

### 10% Nitrogen + 23% fulvic acid

NASAA Cert # 6177M  
NOP Compliant

**Organic-N**

For managing in-crop nitrogen demand and building yield

- Provides immediate nutrition for your crop with 23% fulvic acid to improve crop performance
- Ideal to stimulate plant vegetative growth - contains amino acids, auxins, betaines, vitamins, polysaccharides
- 100% soluble liquid, for application via irrigation or foliar spray
- 30% Organic Carbon and 60.4% Organic Matter
- Apply at 2-5L/ha foliar; 5-10L/ha via irrigation

### Micronised Powder - 12%P

NASAA Cert # 6177M  
NOP Compliant

**Organic-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



**SUSTAINABLE  
FARMING SOLUTIONS**

## FERTILISE: SOLID

### Economical pelletised fertiliser

AO Cert # 11240  
NOP Compliant

**New Era  
Better Grow**

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

NASAA # 6177M; AO # 11240  
NOP Compliant

**New Era  
Premium**

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

NASAA # 6177M; AO # 11240  
NOP Compliant

**New Era  
High N**

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

AO Cert # 11240

**New Era  
Custom Blend**

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 phosphorus mineral

AO Cert # 11240  
NOP Compliant

**New Era  
High P**

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.

We also have Guano. Call for further information.

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%

### Natural N (13%) fertiliser

NASAA # 6177M; AO # 11240  
NOP Compliant

**New Era  
Protein Meal**

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).





Unlock your soil's biological potential!

# Next generation Endophytic Trichoderma

## ACTIVITY

Triggers positive plant gene expression by living within plant cells

## RESEARCH

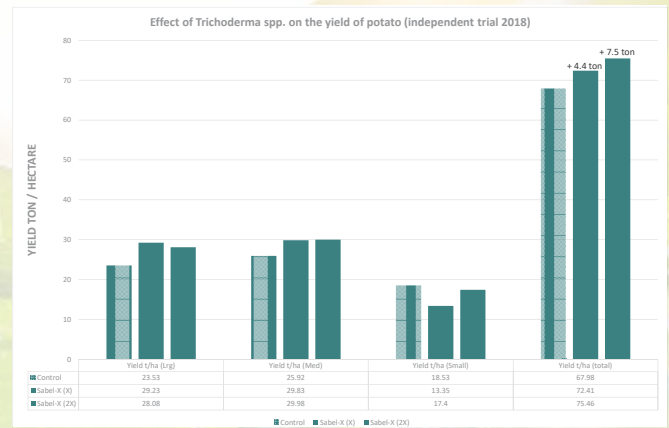
Consistently improves root and crop health - a culmination of 30 years research

## LIVES WITHIN PLANTS

Interacts with plant physiology for healthier crops

## SAVINGS

Typically apply once- the earlier the better



**Independent trial:  
+ 4.4 ton/ha increase potatoes. 1 application**



Significant difference in root development  
Drenched in tray as seedling.



Testimonial Spinach  
Kevin Dobra, Gingin WA



“Our new approach is working and we are now successfully harvesting a spinach crop. **We had been losing 80% of our crop and now we've got losses down to about 2%.**

This is one of our major lines and we are harvesting about eight tonne of spinach per week.

In the summer we can turn a crop around in 23 days and then we start again.

That intensity of production means we need to replenish the soil.

The new products have helped us a lot. They've proved economical and are working for us.”

- KEVAN DOBRA  
The Loose Leaf Lettuce Company, WA

