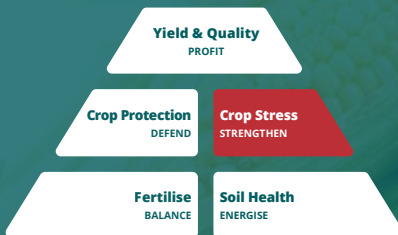




## Strengthen your crop for profit



### Activity

Stimulates growth, reduces stress

### Results

Improved yield and quality: 5-15%

### Savings

More efficient fertiliser use.

### Effective

20 years of research; 1,000 studies.

### Stress

Reduces environmental stress on crop

**Replicated trial work in Australia and around the world shows consistent yield and quality improvements.**

**Vitazyme activates the plant soil - system.**

### Results:

Enhanced chlorophyll production allowing leaves to harness more energy from the sun

Larger and more efficient root system

Enhanced fertiliser uptake

Improved plant defence system

Plant stress tolerance

Better quality and shelf life

Flexible - can be applied at nearly every growth stage; to the seed, soil or leaves

Certified organic farm input



*Harness the power of nature*

## Why Vitazyme works

The main compounds in Vitazyme are brassinosteroids, triacontanol, glycosides & B vitamins.

**Brassinosteroids** are a group of natural plant compounds that are important for a broad range of plant processes, including stem elongation, photosynthesis, ethylene biosynthesis, proton pump activity, xylem differentiation, and gene expression.

**Triacontanol** - well researched nano-compound active at extremely low concentrations to increase photosynthesis, thereby enhancing crop performance.

Vitazyme has multiple actives and multiple modes of action which means it is more likely to respond to the ever-changing environmental stresses that are agriculture.

A little goes a long way!

## How to use

Recent studies have shown that the best results are achieved with programs specific to the production needs of your crop.

### Leafy Greens

- Dip or spray transplants in a 1-2% Vitazyme solution or apply 1L/ha at planting; repeat every 7-14 days.

### Short season crops (<45 days)

- Apply 1L/ha at planting and repeat every 7-10 days.

### Fruiting vegetables (longer season crops)

- Apply 1L/ha at planting (or dip/drench transplants in a 1-2% solution), repeat every 3-4 weeks.

### Stress event:

- Spray 1 litre/ha on the leaves and/or soil ideally 3 days before a stress event, such as heat, cold, wind damage, and herbicide spraying (can be mixed with herbicides).
- If Vitazyme cannot be sprayed prior to a stress event, then application as soon as possible after the event is beneficial.

## A selection of Australian results

### Lettuce Transplants

Vitazyme promoted early root and leaf growth (dry weight at 14 days after transplant) by 86% and 44% respectively.

More importantly the lettuce top growth continued to improve and the harvest weight (wet) of the Vitazyme treated lettuce was 52% more than the Control.



Carrots at Harvest; 17% increase

Soil & Foliar Spray - 28 DAS; Vitazyme - 1L/ha

Soil & Foliar Spray - 69 DAS; Vitazyme - 1L/ha

Sampled at harvest to show final growth

### Onions

Onion production increased by 10% (7.5t/ha) as a result of the Vitazyme and Acintobact treatments.

Vitazyme stimulates root growth and will help the crop through the phyto-toxic effects of herbicide sprays.

The role of Actinobact is to support plant root health, particularly through the early stages.

	Control	Treated
Yield (tonne/ha)	76.1	83.6
Bulbs per plot	103.3	104.3
Av bulb weight	147.2	160.2



## Information & Advice

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