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.

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 phytotoxic effects of herbicide sprays.

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

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<thead>
<tr>
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<th>Control</th>
<th>Treated</th>
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<tbody>
<tr>
<td>Yield (tonne/ha)</td>
<td>76.1</td>
<td>83.6</td>
</tr>
<tr>
<td>Bulbs per plot</td>
<td>103.3</td>
<td>104.3</td>
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<tr>
<td>Av bulb weight</td>
<td>147.2</td>
<td>160.2</td>
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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

Information & Advice
Email admin@sustainablefarming.com.au
Phone 08 9388 3623
Web sustainablefarming.com.au

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