**Benefits for Trees**

Vitazyme applied through the irrigation system—drip, sprinkler, or sprayed—will accelerate growth and maturity of all types of trees, in containers or pots. Trunk caliper will increase faster as photosynthesis and leaf area are accelerated.

**Benefits for Container Plants**

Trees, woody ornamentals, groundcovers or any type of plant grown in a container will be benefited by Vitazyme. Greater root and leaf growth and better blossoming are common results.

**How Vitazyme Can Benefit You!**

- Greater root and leaf growth
- More and bigger blossoms
- Inexpensive, very cost-effective
- Safe and non-toxic
- Improved soil conditions
- Can be applied through irrigation systems
- Can be mixed with pesticides

*Expect better utilization of fertilizer nutrients with Vitazyme use.*

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Vital Earth Resources
706 East Broadway
Gladewater, Texas 75647
(903)845-2163 (800)245-7645
www.vitalearth.com
**WHAT IS VITAZYME?**

Vitazyme is a liquid concentrate microbially synthesized from plant materials, and then stabilized for long life. Powerful but natural biostimulants contained in the material greatly benefit plant growth and soil conditions to boost growth and profits for the grower.

**HOW IT WORKS**

Vitazyme intensifies the activity of the plant-soil system. Photosynthesis is increased, so more carbon from the air is fixed into plant tissue. Energy-rich compounds produced in the leaves by this vigorous metabolism move into the root system and out into the soil, or media where billions of bacteria, algae, fungi, protozoa, and other organisms feed on this energy. The organisms, in turn, release minerals and growth stimulants for plant uptake...a beautiful symbiosis. Plant stress is reduced, removing growth and yield limitations.

**BENEFITS FOR TURFGRASS**

Vitazyme will markedly increase the growth and health of roots of all grasses: bermuda grass, St. Augustine, ryegrass, fescue, zoysia and others. Roots will penetrate deeper, and leaves will be greener, more vigorous, and dense. Only 13 to 20 oz. per acre every month or two does the job. A little goes a long way!

*Use Vitazyme along with good management practices to make your system work even better.*

**BENEFITS FOR BEDDING PLANTS**

Vitazyme will improve the root, leaf, and flower growth of all types of bedding plants. Treated seeds will emerge faster, and seedling growth will be more vigorous. Improved chlorophyll development will give faster nutrition, deeper green colors, and more lustrous and attractive leaves and flowers for both annuals and perennials.

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**Marigold Growth Comparison**

<table>
<thead>
<tr>
<th>Dry weight/pot (grams)</th>
<th>Control</th>
<th>Vitazyme</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.5</td>
<td>1.05</td>
<td>2.08*</td>
</tr>
</tbody>
</table>

*Significant at P=0.05.

Notice the darker color and more dense, vigorous lawn on the Vitazyme treated grass to the right of the tree line.

The Vitazyme treated gladiolus on the left display much better blossoming and leaf growth than the control.

Notice the darker color and more dense, vigorous lawn on the Vitazyme treated grass to the right of the tree line.