

BENEFITS TO SOILS

Soil structure is critical for air and water movement through the soil. Vitazyme facilitates root growth and nutrient uptake in at least four ways:

1 INCREASED ROOT GROWTH
(MORE CHANNELS)

2 MORE POLYSACCHARIDES
TO GLUE PARTICLES TOGETHER

3 IMPROVED MYCORRHIZAE
ACTIVITY
(MORE SAC-LIKE STRUCTURES)

4 MORE EARTHWORMS
AND THEIR CHANNELS

**Expect better
tilth and permeability
in your soil with Vitazyme use.**



With Vitazyme on the seeds at planting, and sprayed along with fungicides twice more during growth, excellent yield, size, and quality benefits are realized.

HOW VITAZYME CAN BENEFIT YOU!

- Inexpensive, very cost-effective
- Easy-to-use
- Safe and nontoxic
- Can be seed-applied
- Can be mixed with liquid fertilizers and pesticides

Carrots treated at planting and several weeks later show greater root growth and more leaf chlorophyll. Cranberry beans show a remarkable improvement with Vitazyme (treated on the right).



Above: This Mexican lettuce crop shows superior growth with Vitazyme.

Right: Note how the treated cabbages on the left are much larger than the untreated plants.



for VEGETABLE CROPS



**THE NATURAL
SOIL FERTILITY BOOSTER
FOR HEALTHIER,
MORE PRODUCTIVE
CROPS AND SOILS**



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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 yields and profits for the farmer.



Snap bean plants treated with Vitazyme are larger having more leaves, leaf chlorophyll, and beans.

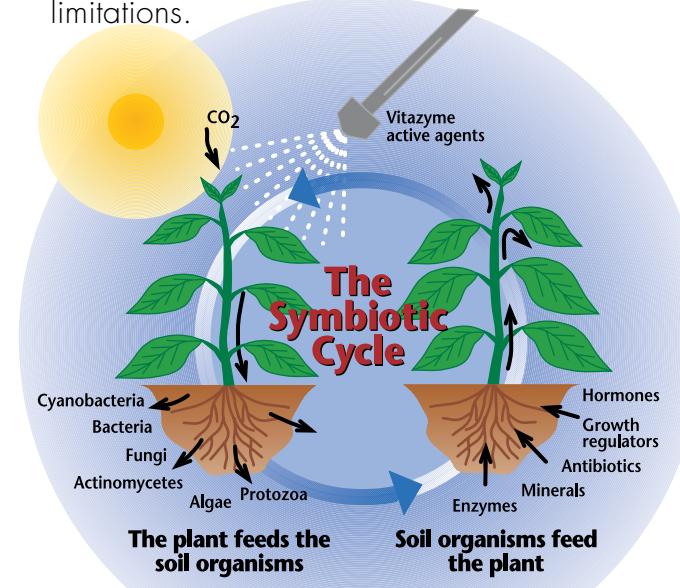
THE PROGRAM

Vitazyme can be used in both conventional and organic production systems. Typically the product is applied to seeds or transplants at 13 oz/acre (1 liter/ha), and one to three times more at 13 oz/acre during the growing cycle at 30 to 40-day intervals. For short season crops like lettuce and radishes, apply half way to maturity. For long-season crops like tomatoes and peppers, apply at first bloom and every 30 days during active production.

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

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. Then, they move out into the soil, 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.



The Vitazyme treated tomatoes, collected only a few rows from the controls, are larger and have more solids.

WHAT TO EXPECT

Research studies have shown that yields and profits of all types of agricultural and horticultural crops are increased with Vitazyme use. Increased photosynthesis, plant metabolism, and root and leaf growth result in greater yields and quality.



The Vitazyme treated plants have produced more tubers that are more uniform.

A major benefit of using Vitazyme is to improve fertilizer utilization, resulting in optimum yields with better quality. Note the Korean study below.

