

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.**



Sorghum responds very well to Vitazyme, producing larger, better filled heads. Like corn, this crop responds with greater vigor, chlorophyll production, and yield with Vitazyme.

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

Right: In this Iowa replicated study, Vitazyme increased plant height and hastened maturity, to give a higher yield compared to the control.



Above: Sweet corn receiving Vitazyme shows excellent root and leaf stimulation.

Right: In this replicated corn trial, Vitazyme applied on the right greatly improved growth.



VITAZYME[®]

an All Natural Concentrate

for CORN & SORGHUM

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



P.O. BOX 71
Waterville, WA 98858
509-630-7400
vitazyme@vitalgrowdistribution.com
www.vitalgrowdistribution.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 yields and profits for the farmer.



Rows of treated corn are more massive, with many more fine roots to absorb more nutrients.

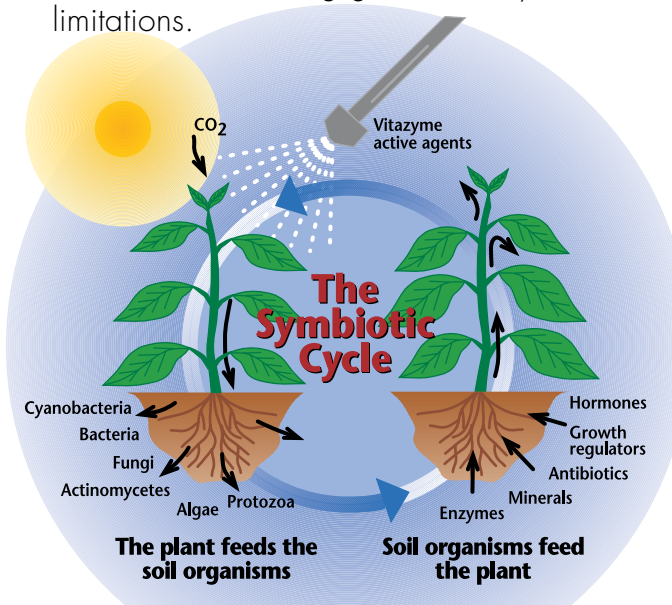
THE PROGRAM

Vitazyme can be used in both conventional and organic systems. The product is typically applied to the seeds at planting at 13 oz/acre (1 liter/ha), or on the soil at planting time. A second 13 oz/acre spray should be made at knee-height, or as late as silking to the plants and soil. Oftentimes Vitazyme can be added with herbicides or through irrigation water.

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.



Vitazyme applied in the seed row at planting prevented drought stress in this very dry field. Note the lack of stress on the left.

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. Vitazyme will increase both yield and crop quality.

Vitazyme was applied on the right half of this field, producing darker green, more aggressive plants.



A treated corn root on the left shows larger and stronger major roots, as well as more fine roots, than the control.

One major benefit for the farmer is better utilization of fertilizer nutrients, as shown in this replicated Iowa study below.

