

## 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.**



Right to the treatment boundary the height and vigor of this wheat crop was clearly noticeable.

## 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

*The treated wheat shows  
excellent stalk strength,  
heading, leaf development,  
and disease resistance.*



*Not only does  
Vitazyme  
increase head  
number, but  
vigorous rooting  
as well. Vitazyme  
treated roots on  
the right-hand  
side; roots on the  
left had none.*



**VITAZYME**  
an All Natural Concentrate  
**for CEREAL GRAINS**



**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.



Wheat treated with Vitazyme produces exceptional root development compared to untreated plants.

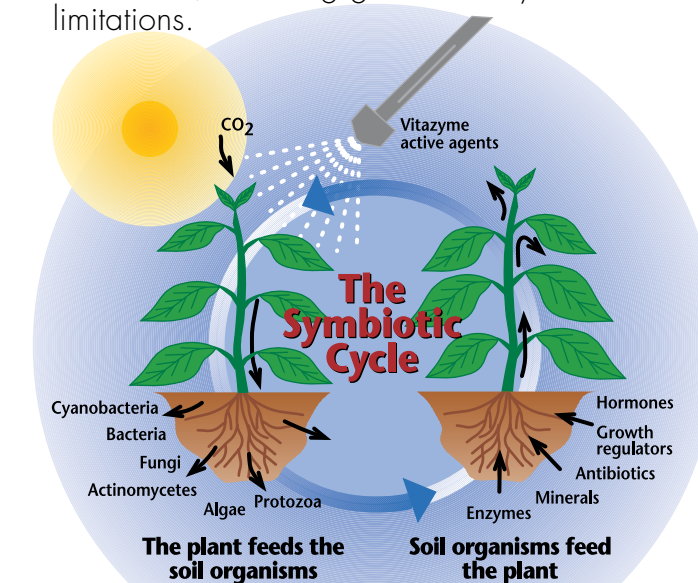
## THE PROGRAM

Vitazyme can be used in both conventional and organic production systems. It is best to apply 13 oz/acre (1 liter/ha) on the seeds at planting, or on the soil at planting time. Apply an additional 13 oz/acre from early tillering to early heading. For winter wheat and barley, apply 13 oz/acre at spring greenup.

**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.



This oats crop has been greatly enhanced by Vitazyme: more roots, thicker stems, and greater yield. Note also the superior growth of interseeded clover.

## 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.

*In Cuba, excellent responses to rice have occurred with one to three Vitazyme applications.*



*The plants usually head earlier with Vitazyme, and produce more grain at higher test weight.*

An improvement of fertilizer utilization is common, as shown by the following data from Cuba.

