



SUREWAY

Harnessing The Power Of Nature.



Introducing the nature of Vitazyme, how it works, and the appropriate use of this highly effective crop and soil biostimulant.

Active Agents:
Brassinosteroids
Triacanolol
Glucans and Glycosides
B-Vitamins



Growth Stimulants
Interact with each other to have a positive impact on plants, maximizing growth.



ADVANTAGES OF VITAZYME

Natural active agents

Contains growth regulators, enzymes and glycosides that stimulate plant growth and development.

Compatibility

Can be applied with any chemical and nutrient solution.

Cost Effective

Improves nutrient uptake, therefore reducing the need to apply excessive fertilizer.

Improved quality and yield

Vitazyme affects metabolic processes causing an increase in photosynthesis, nutrient uptake and enzyme activity.

All-Natural Biostimulant

Material that contains micro-organisms whose function, when applied to plants is to stimulate and enhance the natural processes.

Increases photosynthesis

Process in which green plants use sunlight to synthesize nutrients from CO₂ and H₂O.

Increases plant growth and nutrient uptake

Enzyme Cascade Effect

Successive tiers of enzymes are activated in the plant and microbial tissues to yield a large physiological response.

Stress tolerance

Activates anti-stress responses through selective changes at specific points within the plants functionality.

Disease Resistance

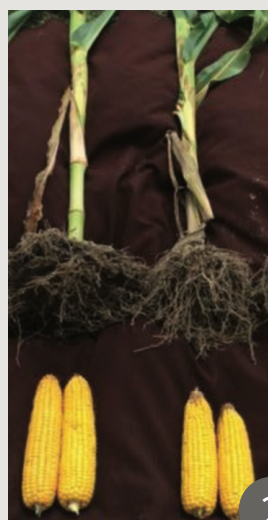
Stimulates beneficial microbia to create a buffer around the root zone to protect against pathogens.



TRIALS



1



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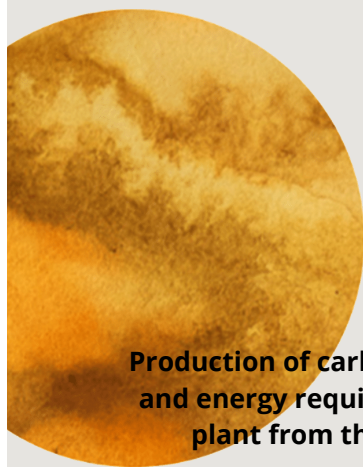
Figure 1.

Demonstrates the effect of Vitazyme on Maize root development. The treated plant on the right shows increased root mass.

Figure 2.

Demonstrates the increase in cob size. The treated plant on the left shows large, more uniform cobs in comparison to the untreated plant on the right.

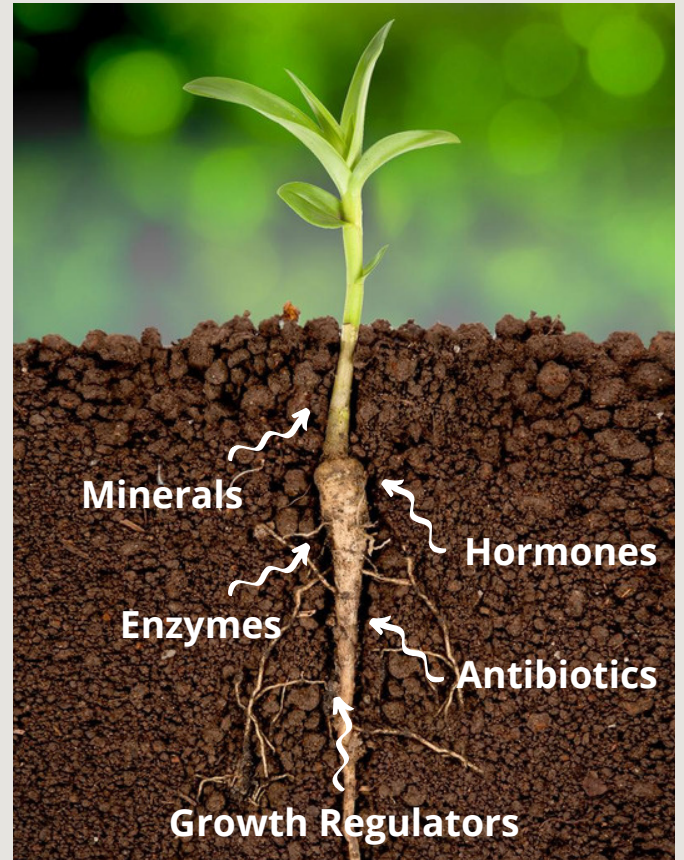
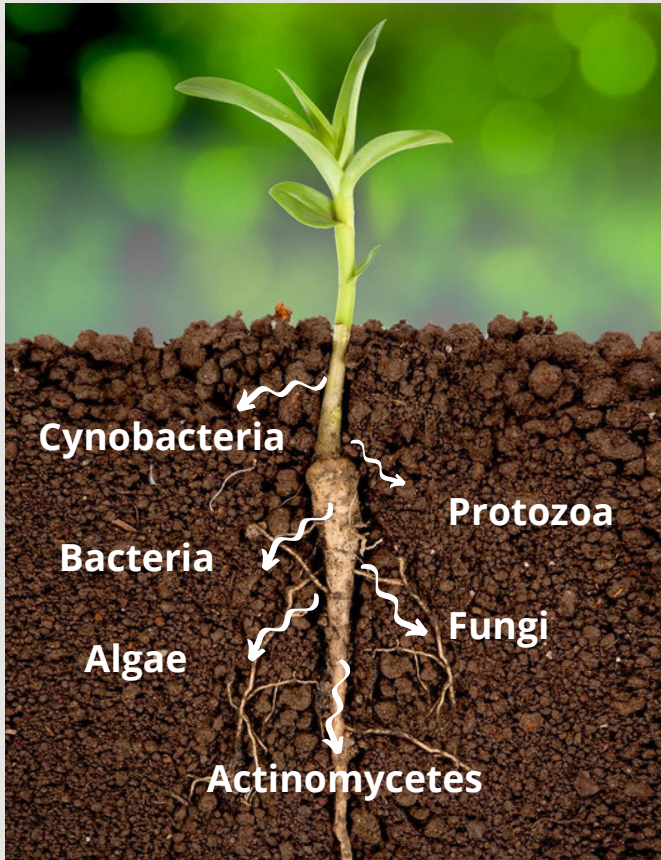
THE SYMBIOTIC CYLCE



Production of carbohydrates and energy required by the plant from the sun.



Vitazyme is applied as a foliar to the plant to stimulate the plants natural photosynthetic process.



Energy is fed through the root system into the rhizosphere helping to feed the soil organisms that are helpful to the plant. In turn, organisms break down minerals and nutrients.

THE PLANT FEEDS THE SOIL ORGANISMS

SOIL ORGANISMS FEED THE PLANT



Vitazyme contains metabolic triggers that stimulate the plant to photosynthesize better, fixing more sunlight energy in the form of carbon compounds to increase the transfer of carbohydrates, proteins, and other growth substances into the root zone. These active agents, applied as a foliar, enter the plant through the leaves, where essentially they reach the roots, subsequently enhancing the metabolism of the rhizosphere population to a higher level. This triggers a synthesis of growth-benefiting compounds and the release of minerals for plant uptake.

Sales and Marketing

Office Sales +263 772 666 690
 Office Landline +263 867 700 5277
 Email Address bioagri@damara.org

Location

Stand 583 Pomona Industrial Park
 Borrowdale
 Harare