TARGETED NUTRITION INCREASING PHOTOSYNTHESIS AND CHEMOSYNTHESIS IN PLANTS

Nuszer

NUTRITIONAL BIO-OPTIMIZATION FOR AGRICULTURE

A revolutionary bio-stimulant that significantly increases the effects and benefits of major and minor nutritional elements for the plant.

Manufacturer



Distributor







- **Nu3zer** teis a foundation product, principally designed to be used in formulations combined with select nutrients to achieve specific results.
- **Nu3zer** is intended as a base product, to be used by fertilizer formulators to create specialty fertilizers aimed principally at achieving increased yield, phytosanitary protection and/or stress resistance through nutrition.
- **Nu3zer** can be used by growers in the field to combine with their nutritional products in order to achieve desired results.... from enhanced environmental, insect, and disease resistance, to improved yields or crop characteristics.
- **Nu3zer** is also a bio-stimulant to the resident (or inoculated) microorganisms in the soil while, at the same time increasing the plant's photosynthetic and chemosynthetic activity and the production and storage of larger quantities of energy.





NU3ZER - OPTIMIZING THE BENEFITS OF NUTRITIONAL ELEMENTS

- Increases plant photosynthetic activity by as much as 25% to 30%
- Increases chemosynthetic activity, resulting in greater energy storage in the plant.
- Increased flower setting, fruit and grain fills and harvest homogeneity
- Increased Brix Levels and Ripening in Fruits, Grains and Grasses
- Induced Plant Resistance against pests significant pesticide reductions and/or increased application intervals
- Induced Plant Resistance to Environmental Stress (cold, heat, drought, flood, etc.)
- Increased concentration of desired metabolites in fruit, grain, stems and leaves.
- Promote Early Harvest
- Crop Management Improvement
- Designed for Conventional, Organic, and CDM Agriculture
- Foliar Spray and Soil Applications
- Greenhouse and Field Cultivation





NU3ZER TECHNOLOGY

- Patented technology consisting of biologically processed, biostimulating metabolites of plant origin.
- Foundation technology creating the conditions for the plant and the rhizospheric symbiotic microorganisms to carry out photosynthetic and chemosynthetic processes more effectively.
- Based on design combinations, Nu3zer boosts the efficiency of one or more physiological functions, directing and focusing these activities towards the desired vegetative, reproductive and/or resistance processes in the plant.
- Enhances the plant's own dynamics that generate the nutraceutical effects that achieve better plant health, increase defenses from pests, diseases and environmental stress, and focuses its energy on yield increases.





NU3ZER MODE OF ACTION

- Improves the transport efficiency of metabolites at the plant level, including their cellular transport.
- Stimulates and guides soil microorganisms to produce the target enzymes required for better uptake or more efficient processing by the plant.
- Stimulates the plant to carry out photosynthetic and chemosynthetic processes more effectively, increasing efficiency, function, and energy storage.
- In combination with selected NPK mixtures or with customized nutritional formulations, Nu3zer creates a notable positive impact on physiological plant functions and soil microbiota, generating the optimal vegetative, reproductive and/or protective process desired in the crop.
- Enhances the plant's own dynamics to generate nutraceutical effects that results in plant protection against pests and environmental stress.

- Sugarcane Ripening, Rattoon Development
- Sugarcane Increased Biomass and Brix
- Fruit Cultivation, Fruit Set, Sugar and Brix Increase
- General Insect Control
- General Fungal Control
- General Nematode Control

- Strawberry Cultivation and Phytosanitary Control
- Coffee Fruit Set and Even Ripening
- African Oil Palm Phytosanitary Resistance
- Rice Reduced Lodging, Drought, Cold Resistance, Yields
- Wheat, Soybean, Cotton Environmental Stress, Enhanced Yields
- Greenhouse Vegetables Phytosanitary Control, Enhanced Yields

GLOBAL DISTRIBUTION







Nu3zer



Global Distributor:

