

Phyto-Catalyst® is a revolutionary breakthrough in water and soil treatment that keeps water lines clean and free flowing, enhances the microbial health of soils, and supports optimum plant growth, through improving the nutrient and water uptake of plants.

Contains a highly nutrient rich composition that:

- Enhances gas transfer of oxygen.
- Promotes aerobic soil conditions.
- Facilitates greater water percolation throughout the soil layers.
- Improves moisture penetration and retention.
- Increases the soil's ability to release nutrients.
- Optimizes the health of soil microbiology.
- Improves plant growth and yields.
- Helps remediate anaerobic slime growth in water lines and soils.

Phyto-Catalyst® can potentially lower the amount of fertilizer usage through improving the plant's and the soil's ability to most fully utilize nutrients.

Guaranteed Analysis		
Minerals:	mg/L	%/WT
Total Kjeldahl Nitrogen	3,470	0.00347
Zinc	4,781	0.004781
Potassium	281.3	0.0002813
Sodium	185.7	0.0001857
Phosphorus	123.5	0.0001235
Magnesium	21.4	0.0000214
Iron	0.4	0.0000004
Copper	0.153	0.000000153
Manganese	0.1	0.0000001
mg/L or % Active	8,864	0.0089

Trace Amount	
Vitamins:	mg/L
Riboflavin	Trace
Niacin	Trace
Pantothenic Acid	Trace
Biotin	Trace
Pyridoxine Hydrochloride	Trace
Folic Acid	Trace
Vitamin B12	Trace
Inositol	Trace
Trace Amount = <0.0002 mg/L	



# BIO-ORGANIC CATALYST

THE POWER IN NATURE®

## PHYTO-CATALYST®

A BIO-CATALYTIC  
WATER & SOIL CONDITIONER



### DIRECTIONS FOR USE

Phyto-Catalyst® is delivered through irrigation lines, hydroponic systems, or any water delivery regimen, periodically during the growing season. Dosage rates can range from 1 x 400, up to much greater dilutions (2,000 x 1), depending upon the specifics of a grower's watering and fertilizer requirements.

Phyto-Catalyst® can be sprayed over trees and crops at dilutions of 2500 x 1, or higher, to facilitate ecological remediation strategies.

### PRODUCT SPECIFICATIONS

Phyto-Catalyst® is non-toxic, non-caustic, and safe to handle with a recommended shelf life of two years. May be stored with confidence at temperatures below 125°F/50°C.

### CONTENTS

Water, highly purified bio-organic catalysts from plant and mineral sources, non-ionic surfactants.

### CAUTION

Keep out of the reach of children. If product from this container splashes in eyes, rinse well with water.



### SEAL OF SAFETY

The Bio-Organic Seal of Safety is our commitment to offering the highest bio-aquatic safety on the market today.

PRODUCT OF USA  
Domestic and International Patent Protection

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[bio-organic.com](http://bio-organic.com)

Net Content:  
2.5 Gallons/9.5 Liters