



BIO-ORGANIC CATALYST
THE POWER IN NATURE®

Phyto C3™

Bio-Catalytic Water Treatment

Product Description

The Phyto C₃™ biocatalytic composition offers a revolutionary water catalyst that enhances the microbial health of soils and enhances the uptake of essential nutrients to support optimum plant growth. Phyto C₃™ Improves nitrogen fixation, thereby lowering the amount of fertilizer usage of nitrogen required for optimal plant growth.

Phyto C₃™ consists of a highly nutrient rich composition of plant growth factors, with enhanced gas transfer characteristics, for promoting aerobic soil conditions and water percolation throughout the soil layers. Phyto C₃™ is delivered in high dilutions through watering systems so that its implementation is extremely simple.

The primary benefits of Phyto C₃™:

- Improves the microbiological conditions (microbiome) within the soil, thus directing impacting root growth and the optimization of nutrient uptake.
- Enhances oxygen transfer and breakdown of biological film growth, which offers benefits in preventing anaerobic subsurface soil conditions (black thatch layer).
- Solves the chronic issues of water percolation in golf course turf maintenance, by either preventing anaerobic conditions due to poor water drainage, or dry conditions due to lack of adequate biomass health within the soil subsurface.

Product Ingredients

Highly concentrated nutrient solution of yeast extracts, and non-ionic surfactants, containing nitrogen, phosphorus, minerals, vitamins and wetting agents. **(NOT A FERTILIZER)**

Minerals

Guarantee Analysis	mg/L
Nitrogen T.Kjeldahl (TKN)	3,000
Phosphorus (P2O5)	100
Potassium-Soluble Potash	250
Metal Content	
Arsenic*	<0.01
Cadmium*	<0.005
Calcium	<0.005
Copper	0.153
Heavy Metals (as Lead)*	<0.01
Iron	0.4
Magnesium	21.4
Manganese	0.1
Nickel*	<0.025
Potassium	281.3
Sodium	185.7
Zinc	4.781
* BRL below reporting limit	

Vitamins

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