

BioNatra

Product Specifications Document



The Ultimate Bio-Catalyst

An All-Natural Ingredient

BioNatra

An all-natural bio-catalyst

Less Water

Fewer Chemicals

Better Results!



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Product Description

BioNatra® is an all-natural bio-catalyst (also known as a bio-stimulant) that stimulates plant growth and enhances the effects of fertilizer. BioNatra is also a source of micronutrients, complexed carbohydrates, enzymes, vitamins and other natural growth stimulants not found in fertilizers. BioNatra® stimulates natural biological activity in soil by increasing populations of healthy microorganisms which improves nutrient availability and uptake. The microbial activity stimulated by BioNatra accelerates the breakdown and conversion of organic matter, such as decomposing plants and organisms, into humus; one of the most natural sources of plant nutrition.

Product Applications

Industry	Product	Description
Golf Courses Commercial Turf Growers Landscape Professionals	BioNatra for Turf	Accelerates turf germination & recovery Stimulates deep root development for better water & nutrient absorption. Lowers sodium levels. Lowers fertilizer, pesticide & herbicide requirements.
Agriculture & Commercial Growers	BioNatra	Accelerates germination Improves yields and plant growth. Lowers fertilizer, pesticide & herbicide requirements. Reconditions soil.
Homeowners & Landscape Professionals	Fertile Earth Formula NPK plus BioNatra	Improves landscape health & vitality. Lowers fertilizer, pesticide & fungicide requirements. Lowers water usage.

Product Specifications

- **Guaranteed Analysis:** Boron (B) .05% and Soluble Zinc (Zn) .05% Derived from a proprietary process involving the culturing and fermenting of naturally occurring soil bacteria and fungi which results in a mixture of enzymes, amino acids, plant growth hormones, stabilized oxygen, complexed carbohydrates and micronutrients that stimulate microbial activity when re-applied to soil or wastewater.
- **Trace Elements:** Ca, Mg, S, K, Fe, P, I, Si, Mn, Zn, Cu, C, Cl, Al
- **Packaging:** Liquid concentrate: 1gallon, 2.5 gallon, 55 gallon, 275 gallon tote.
- **Application Method:** Any fertigation system, spray rig, or hose-end sprayer.
- **Application Rate:** Agriculture & Turf: 1qt. Per acre per month; Tees & Greens: 4-6 oz. per 1000 sq. feet per month; Wastewater Mgt.: application specific
- **Compatibility:** BioNatra is compatible with most solution and suspension forms of fertilizer and can be applied in conjunction with most herbicides, insecticides, and fungicides. (Always do a jar test to insure compatibility.)
- **Toxicity:** BioNatra is derived from all-natural sources and is non-toxic, non-carcinogenic, non-hazardous and contains no pathogenic microorganisms.
- **Operating Temperature Range:** 60-105° F (16-40° C)
- **Shelf life & Storage:** 5 yrs if stored in a cool, dry place out of direct sunlight.