

ByoDetox

PRODUCT DESCRIPTION

Soil Contamination Remediation

BYO-DETOX is a proprietary humified soil extract with the nine essential soil microbes included in the formulation. The product works by providing an organic substructure with an extremely high ion exchange capacity that allows Na⁺ and Cl⁻ ions to be highly mobile and readily leave the growing zone. The organic carbon chain also becomes a food supply for the natural soil and product's adjunct microbes, which over time also dissipates the undesirable salts. Special enzymes significantly increase the degradation process by helping the transfer and uptake of nutrient by the microbial population.

APPLICATION—BENEFITS

This product was designed specifically for agricultural applications. It has the following benefits:

- Bonds and eliminates salt (sodium & chloride) ions up to 3000 ppm.
- Detoxifies the soil from the full spectrum of accumulated toxins associated with fertilizers and regular chemical products.
- Increases plant beneficial microbes in soil.
- Serves as an effective chelating agent, magnifying the availability of vital plant nutrients, including nitrogen, calcium, phosphorus, potassium and trace minerals.
- Increases nutrient and water storage through more efficient cellular uptake.
- Improve the natural organic soil structure through humic acid technology.
- Reduces disease pressure via beneficial microbial activity that breaks down both carbohydrates and protein components of harmful bacteria and disease pathogens.

Dosage rates should start at three (1-3) gallons (3.8-11.3 liters) of product diluted with at least 8-26 gallons of water (30-100 Liters) per acre and be applied once or twice a year depending on the contamination specifics. Salt binding will occur after the first application. Subsequent applications provide the additional benefits listed above.

TYPICAL PHYSICAL PROPERTIES

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|--------------------|---------------------|-----------------------------|-------------------------|
| • Appearance | Liquid | • Solubility in water | 100% |
| • Color | Dark Brown to Black | • pH Neat..... | 7.0-8.0 |
| • Odor | Musty to Earthy | • Density | 8.8 lbs/gal (1.05 kg/L) |

STORAGE AND HANDLING

Ingredients not precisely identified are non-hazardous. Do not ingest. May cause sickness if ingested in large quantities. Prolonged contact with skin may cause irritation. Safety glasses and gloves, as a minimum, are recommended when handling. Keep container closed when not in use. Store product in a dry and cool area. See Safety Data Sheet (SDS) for other safety and handling information.

PACKAGING

Shipped from the manufacturing facility and regional distribution centers in 5 gallon, 55 gallon and 265 gallon containers. Bulk quantities are available upon request.