

Brandt In-Cyte

Liquid Phosphate Based Bio-Stimulant

Product Data Bulletin

Features

- Stimulates plant and root growth
- Elicits Cytokinin and Auxin responses
- Helps to hold nutrients in root zone for optimum feed
- Completes the need for organic matter in USGA greens
- Contains seaweed extracts and Humic Acid

BRANDT IN-CYTE is a phosphate based liquid fertilizer enriched with a proprietary blend of cold pressed seaweed extract derived from *Ascophyllum Nodosum* (North Atlantic Seaweed Concentrate), humic acids derived from North Dakota Leonardite Ore and wetting agents. BRANDT IN-CYTE is a unique combination of phosphate and carbon sources that may elicit a response to start rooting processes.

Main Components

Seaweed

The seaweed concentrate portion of BRANDT IN-CYTE is native to the cold waters of the North Atlantic. In its natural environment, this component grows very rapidly due to the presence of the plant hormone groups cytokinins and auxins as well as amino acids and carbohydrates.

Humates

Humic substances, are a major constituent of soils, which occur in almost all terrestrial and aquatic environments. They are formed from the chemical and biological degradation of plant and animal residue and from the activities of microorganisms.

The humates function increases the water-holding capacity of the soil, making treated soils more drought resistant. Humates also contain an auxin-like growth hormone, which improves seed germination and early seedling development.

Humates also play a role in the management of excessive sodium. This is particularly helpful when humic acid is combined with salt-based fertilizers, as it neutralizes the negative sodium component.

Amino Acids

BRANDT IN-CYTE contains all 21 L-amino acids and specifically the 17, which promote and stimulate nutrient uptake.



Guaranteed Analysis 3-12-0

Total Nitrogen (N)	3.0%
3.0% Ammoniacal Nitrogen	
Available Phosphate (P ₂ O ₅)	12.0%

Derived from Ammonium Polyphosphate.

Non-Plant Food Ingredients:

Humic Acid derived from U.S.A. Leonardite Ore	2.0%
Seaweed Extract derived from <i>Ascophyllum Nodosum</i>	2.0%
Wetting Agent (Proprietary Blend of Co-Polymers of Polyethylene and Propylene Glycols)	1.0%

Purpose: Humic Acids are a source of plant derived organic matter, seaweed extracts are source of plant derived organic matter, and wetting agents are surface active spreaders that enable penetration.

Turf Applications

Foliar Spray/Tees and Greens

Dilute 1-2 gal. of BRANDT IN-CYTE in sufficient water to treat 1 acre. Water in thoroughly. Repeat application every 3-4 weeks.

Soil Drench

Dilute 1 gal. of BRANDT IN-CYTE per 100 gal. of water, and drench to point of run off. Apply every 3-4 weeks.

Use a minimum of 1 gallon water per 1,000 square feet with ground spray equipment. The use of an adjuvant may be desired to improve the properties of spray solution. Performing trials with adjuvants may be useful in determining the best inclusion rates for optimal performance. Optimum rate of application will vary depending on your soil properties such as soil pH, organic matter content and soil texture, weather conditions, time of year and general turf health and species. For best results, follow soil test or plant analysis recommendation.

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