

BRANDT® In-Cyte

Liquid Phosphate Based

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.

BRANDT In-Cyte Features

- Stimulates plant growth and development
- Improves turf grass root viability during heat stress
- Increases nutrient availability
- Organic matter contributes to enhanced soil moisture, stimulates microbial activity, and can increase cation exchange capacity (CEC)

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, an important constituent of modern root-zone mixes, 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.

Humates function to increase the water-holding capacity of the soil, making treated soils more drought resistant. Humates also contain a diverse group of biological compounds, which can improve 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, and it can neutralize the negative sodium component by an ionic bond.

Amino Acids

BRANDT IN-CYTE contains all 21 L-amino acids, which promote and stimulate nutrient uptake by complexing with cations in the root zone.

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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 (HA) and seaweeds (SWE) are a source of plant derived organic matter. Wetting agents are surface active spreaders that decrease the surface tension of water, thus encouraging ideal product placement and performance.

Application and Use

Foliar Spray/Tees and Greens: Dilute 1-3 gal of BRANDT IN-CYTE in sufficient water to treat 1 acre. Water in thoroughly. Repeat application every 2-4 weeks.

Soil Drench: Dilute 2-3 gal of BRANDT IN-CYTE per 100 gal of water, and drench to point of run off. Apply every 2-4 weeks.

See product label for complete instructions.



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