



Aqua-Ca with Humic+PLUS

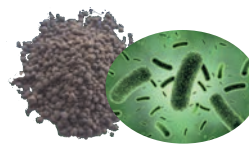


Multi-functional infiltration & hydration soil surfactant blended with Activated Humic Acid and Probiotics to release nutrient reserves

Powered by INTENSIFY Soil Microbial BioCatalyst

Aqua-Ca with Humic PLUS

delivers an Activated Humic Acid carbon source to stimulate and improve soil microbiology. The infiltration and hydration surfactants work together to create a balanced, uniform wetting front while reducing standing water at the surface. Infiltration surfactants enhance flow past barriers like thatch and organic matter, then hydration surfactants hold the water in the soil over time for increased volumetric water content.



Intensify Soil Microbial BioCatalyst

promotes beneficial microbial activity in the soil to enhance nutrient efficiency. While building soil microbial populations, this helps release nutrients in the soil. With enhanced nutrient release, this promotes strong, healthy growth that can better tolerate wear and stress issues like heat, cold, drought, and foot traffic.



Coarse Grade 210 SGN 50lb bag covers 11,000 sq.ft.

Improve water penetration, distribution, and retention in the soil:

Aqua-Ca Technology for Better Water Use

- 6 weeks of improved water management / water use efficiency
- 50lb bag supplies 26 oz per acre of **Aqua-Ca** applied at 11m coverage
- Allows more efficient use of irrigation water and rain water
- Increases soil moisture movement and retention in the root zone
- Allows water to flow more readily into the soil reducing standing water & runoff
- Develops uniform and longer lasting color with less Nitrogen leaching
- Makes soil applied products more readily available to the plant for a longer period
- Effective for rapid dry-down, lets sports turf to quickly return to playable condition after heavy rainfall
- Improves soil moisture uniformity to reduce dry spots
- Promotes environmental stewardship & energy savings with reduced irrigation inputs

Activated Humic/Fulvic Acid in Humic PLUS:

- Increases plant uptake of N and P
- Provides oxidized carbon to condition soil and stimulate microbes and bacteria.
- Increases root mass surface area and seedling turf density
- 11% increase in soil water sequestration

See Application Rates and Analysis on reverse.

**Humic
+PLUS**

Solu-Cal USA



Aqua-Ca with Humic +PLUS

Comparative Analysis

Driving Market Innovation

Aqua-Ca with Humic PLUS	SiteOne LESCO® Moisture Manager Granular QD	CISTERN-G Soil Surfactant and Humectant Blend	Hydretain® ES Plus Granular QD
<i>Solu-Cal USA</i>	<i>Ecologel Solutions LLC</i>	<i>Numerator Technology</i>	<i>Ecologel Solutions LLC</i>
Coarse Grade 210 sgn	Greens Grade 120 sgn	?	Greens Grade 120 sgn
11,000 sq. ft. or 200 lbs./acre 50lb bag	14,800 sq.ft. or 120 lbs./acre 40lb bag	25,000 sq.ft. or 90 lbs./acre 50lb bag	14,800 sq.ft. or 200 lbs./acre 40lb bag
29% Solu-Cal Soluble Ca, 6% Activated Humic / Fulvic Acid, Infiltration & Hydration Technology 0.81% Nonionic Polyols, 0.04% Docusate Sodium Salt <i>Powered by INTENSIFY Soil Microbial BioCatalyst</i>	12.5% Humectants 3.74% Non Ionic Surfactant	10% Alkoxylated Polyols and Humectants	12.5% Humectants 3.74% Non Ionic Surfactant
Soluble Calcium delivering 12lbs of Activated Humic Acid per acre and supplying 26oz of Multi Functional infiltration and hydration soil surfactant per acre	"Attracts and holds free water molecules from the air from the soil matrix and efficiently transfers them to to the root."	"Advanced surfactants with humectant complex has been added to the Cistern formulation primarily to harvest and retain ambient water in the soil profile."	"Attracts and holds free water molecules from the air from the soil matrix and efficiently transfers them to to the root."
Apply every 6 weeks	Apply full rate followed by 1/2 rate every 1 month or full rate every 3 months	Apply every 2 to 4 weeks	Apply every 6 weeks
LCO Cost \$35.00/bag or \$140/acre	End User Cost \$80.00/bag or \$240/acre	End User Cost \$90.00/bag or \$165/acre	End User Cost \$80.00/bag or \$240/acre

Application:

Existing Turf and New Seedings - coverage per bag 11,000 sq. ft. or 200lbs/acre (delivers 12lb/acre rate of Humic Acid and 26oz/acre of Aqua-Ca Technology Soil Surfactant).

For best results apply to dry turf and water in thoroughly. Calibrate spreader to deliver 4.5lbs per 1,000 sq.ft.

Solu-Cal USA
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Soil Microbial BioCatalyst



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