

EXTRA STRENGTH

# Hydretain® ES Plus



## Root Zone Moisture Manager

**Hygroscopic and Humectant Technology Plus 10% Renewable Resource Non-Ionic Surfactant**

Hydretain ES Plus Root Zone Moisture Manager Composition:  
54% Humectants (sugar alcohols, polysaccharides and neutral salts of alpha-hydroxypropionic acid), 10% non-ionic surfactant and 36% inert ingredients.

**Hydretain ES** is a unique blend of humectant and hygroscopic compounds that manage root zone moisture, significantly extending periods between required waterings for turf, ornamental plants, shrubs, trees and agriculture. **Hydretain ES Plus** combines Hydretain's root zone moisture management technology with an advanced environmentally sound, renewable resource, non-ionic surfactant.

Hydretain ES Plus is biodegradable - reapply every 3 months or as needed. Water in thoroughly after application.

### Warranty:

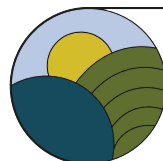
Ecologel Solutions, LLC warrants that this product conforms to the analysis on its label. When used in accordance with label directions under normal conditions, this product is reasonably fit for its intended purpose. Since time, method of application, weather, plant and soil conditions, mixture with other chemicals and other factors affecting the use of this product are beyond our control, there are no warranties or representations of any kind, express or implied, concerning this product, including no implied warranty of merchantability or fitness for any particular purpose, and no such warranty shall be implied by law. The exclusive remedy against the Company for any cause of action relating to the handling or use of this product shall be limited to, at the Company's sole discretion, refunding of the purchase price paid by buyer or user for the product bought, or replacement of the product used. To the extent allowed by law, Ecologel Solutions, LLC shall not be liable and any and all claims against the Company are waived for indirect, incidental, or consequential damages or expense of any nature, including, but not limited to, loss of profits or income. The Company and the seller offer this product and the buyer and user accept it, subject to the foregoing conditions of sale and limitation of warranty, liability and remedies.

**NOT A PLANT FOOD INGREDIENT**

**Net Content 2.5 gallons (9.46L)**



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**USDA  
CERTIFIED  
BIOBASED  
PRODUCT**  
PRODUCT 93%

# Hydretain® ES Plus

EXTRA STRENGTH ROOT  
ZONE MOISTURE MANAGER

**Dilution:** Hydretain ES Plus is a concentrated formula designed for large scale applications. Dilute with water before applying. Minimum dilution rate 15:1 (water to Hydretain). Hydretain ES Plus may be tank mixed or applied through injectors and fertigation systems.

## Application:

**Turf:** General application rate - Apply 9 oz. of Hydretain ES Plus per 1,000 sq. ft. (3 gallons per acre) by spray or drench once every 3 months or maintain monthly at 1/3 rate after initial full rate application. For best results apply to wet soil. Water in with at least 1/10 inch of water within the first couple of hours to insure Hydretain ES Plus is washed off foliage and into the soil. Within 24 hours, follow with enough additional water to carry Hydretain ES Plus down to and throughout the root zone. (The amount of additional water required to carry Hydretain ES Plus throughout the root zone is dependant on the depth of the root zone of the treated area.) Additional Hydretain ES Plus may be required to correct difficult and extreme dry spot areas. Hydretain may be applied at up to 5 times the general application rate as a single treatment or in multiple applications.

**Wetting Agents & Penetrants:** Hydretain ES Plus contains an excellent soil surfactant designed specifically to allow water and applied Hydretain to penetrate through thatch layers and hydrophobic soils down to and throughout the root zone.

**Overseeding, Sodding, Sprigging:** Apply Hydretain ES Plus at general application rate (9 oz. per 1,000 sq. ft.) by spray or drench after seeding, sodding or sprigging. Water in with only enough water to rinse Hydretain ES Plus off foliage and into the soil at seed level or the root area of new sod or sprig. An application of Hydretain ES Plus made prior to overseeding, sodding or sprigging and watered into the root zone will manage soil moisture for existing turf during new turf establishment.

**Trees, Shrubs & Individual Plants:** Dilute Hydretain ES Plus at a rate of 2 oz. per gallon of water and apply by drench thoroughly saturating the root zone. For maximum effectiveness on trees apply 4 to 8 ounces of concentrate for each inch of trunk diameter. Dilution rate is variable from 50:1 to 300:1.

**Potted or Containerized Plants:** Dilute Hydretain ES Plus at a rate of 2 oz. per gallon of water and apply by drench, thoroughly saturating the planting media. Media should be dry enough to hold as much diluted Hydretain as possible. Hydretain ES Plus may be applied through existing injectors at rates between 50:1 and 100:1. Higher dilution rates may require multiple applications to achieve desired results.

**Large Planters & Gardens:** Dilute Hydretain ES Plus at a rate of 2 oz. per gallon of water or through injectors at a rate of 50:1 to 100:1 and apply at a rate of 2 ounces of concentrate per 60 sq. ft. of area. One gallon treats 4,000 square feet.

**For Best Results:** Water thoroughly when re-watering Hydretain ES Plus treated plants. Hydretain ES Plus is biodegradable. For maximum effectiveness reapply every three months or when required watering becomes more frequent. Reapply if a reduction in watering is not apparent within the first two weeks.

**Caution: If Hydretain ES Plus is applied to open flowers blooms, rinse with plain water to reduce the possibility of Hydretain pulling moisture from sensitive flower petals.**

Hydretain is manufactured in the United States.