

# Hydretain® ES

EXTRA STRENGTH



## Root Zone Moisture Manager

### Patented Hygroscopic and Humectant Technology

Hydretain ES Composition: 58% Humectants (sugar alcohols, polysaccharides and neutral salts of alphahydroxypropionic acid), 1.3% non ionic surfactant and 40.7 % 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 is biodegradable - reapply every 3 months or as needed. Water in thoroughly after application.

## NOT A PLANT FOOD INGREDIENT

#### Warranty:

Ecogel 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, Ecogel 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.

**Net Contents 1 US gallon 128 Fl Oz. (3.79 Liters)**

# Hydretain® ES

EXTRA STRENGTH ROOT  
ZONE MOISTURE MANAGER

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

**Application:**

**Turf:** General application rate - Apply 9 oz. of Hydretina ES 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 is washed off foliage and into the soil. Within 24 hours, follow with enough additional water to carry Hydretain ES down to and throughout the root zone. (The amount of additional water required to carry Hydretain ES throughout the root zone is dependant on the depth of the root zone of the treated area.) Additional Hydretain ES 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:** Wetting agents may be used before or with Hydretain ES for initial applications where thatch or hydrophobic soils restrict penetration.

**Overseeding, Sodding, Sprigging:** Apply Hydretain ES 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 off foliage and into the soil at seed level or the root area of new sod or sprig. An application of Hydretain ES 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 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 1 to 2 ounces of concentrate for each 1/4 inch of trunk diameter. Dilution rate is variable from 50:1 to 300:1.

**Potted or Containerized Plants:** Dilute Hydretain ES 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 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 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 treated plants. Hydretain ES 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 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 under one or more of the following U.S. Patents 5814123, 5865869

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