

EXTRA STRENGTH ROOT ZONE MOISTURE MANAGER

# Hydretain® ES Plus II



**Reduces overall watering up to 50%**

**Patented Hygroscopic and Humectant Technology Plus  
10% Renewable Resource Non-Ionic Surfactant & 4.6%  
Humate**

**Hydretain ES Plus II** Root Zone Moisture Manager:  
Composition 50% Humectants (sugar alcohols,  
polysaccharides and neutral salts of alpha-  
hydroxypropionic acid), 10% non-ionic surfactant, 4.6%  
Humate and 35.4% inert ingredients.

**Hydretain ES** is a unique blend of humectant and hygroscopic compounds that manage root zone moisture, significantly extending periods between required watering for turf, ornamental plants, shrubs, trees and agriculture.

**Hydretain ES Plus II** combines Hydretain's root zone moisture management technology with an advanced environmentally sound, renewable resource, non-ionic surfactant for improved soil penetration and potassium humate for enhanced performance.

**Hydretain ES Plus II** is only beneficial within the root zone and therefore must be watered in thoroughly after application. **Hydretain ES Plus II** is biodegradable - reapply every 3 months or as needed.

**NOT A PLANT FOOD**

Hydretain is manufactured in the United States under one or more of the following U.S. Patents:  
5814123, 5865869

**Net Contents 1 US Quart 32 Fl Oz. (.95 Liters) - Treats up to 3500 Sq. Ft**

**Ecogel Solutions, LLC • Ocala, FL • [www.hydretain.com](http://www.hydretain.com)**

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ZONE MOISTURE MANAGER

**Application: Shake Well Before Using.** Break tab on Hose-end sprayer before turning knob to the on position.

**Turf:** General application rate - Through hose-end sprayer apply 9 oz. per 1,000 sq. ft. once every 3 months or maintain monthly at 1/3 rate after initial full rate application. One quart treats up to 3,500 Sq. Ft. For best results apply to wet soil. Water in with at least 1/10 inch of water within the first hour to insure **Hydretain ES Plus II** is washed off foliage and into the soil. Within 24 hours, follow with enough additional water to carry **Hydretain** down to and throughout the root zone. (The amount of additional water required to carry **Hydretain** throughout the root zone is dependant on the depth of the root zone of the treated area. Usually 1/4 to 1/2 inch of water is required.) Additional **Hydretain** 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.

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

**Trees, Shrubs & Individual Plants:** Through hose-end sprayer thoroughly saturate the root zone or dilute **Hydretain** 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.

**Potted or Containerized Plants:** Through hose-end sprayer thoroughly saturate the root zone or dilute **Hydretain** at a rate of 2 oz. per gallon of water and apply by drench thoroughly saturating the root zone. Media should be dry enough to hold as much diluted **Hydretain** as possible.

**Large Planters & Gardens:** Through hose-end sprayer thoroughly saturate the root zone of individule plants or generally apply at a rate of 2 ounces of concentrate per 60 sq. ft of area. One quart treats up to 1,000 square feet.

**For Best Results:** Water thoroughly when re-watering **Hydretain** treated plants. Proper fertilization will enhance **Hydretain's** effectiveness. **Hydretain** 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 II is applied to open flowers blooms, rinse with water plain water to reduce the possibility of Hydretain pulling moisture from sensitive flower petals.