

**INTRODUCING ALL NEW**

# Hydretain ES Plus

## **GRANULAR QD**

*(Quick Dissolve)*

**Hydretain Reduces Watering up to 50%**

Hydretain is a patented root zone moisture management technology that effectively reduces overall watering requirements of plants, shrubs, trees, turf and agriculture by as much as 50% or more. Hydretain is a liquid group of hygroscopic and humectant components that attract moisture like tiny "water magnets" and make available to plant roots microscopic moisture which would otherwise be lost to evaporation. Hydretain ES Plus combines Hydretain's root zone moisture management with an advanced naturally derived soil surfactant designed to improve penetration into and throughout hydrophobic soils.

NEW Hydretain Granular QD puts the power of Hydretain in an easy to spread, quickly dissolvable granule that is convenient for dry spreader applications where liquid applications are impractical or labor intensive. Hydretain Granular QD utilizes a small consistent particle size to deliver the power of the Hydretain technology on a greens grade (120 SGN) granule for professional applications. Hydretain granular is easily applied to localized dry spots, flower beds, around shrubs, trees and containerized plants as well as for large scale applications such as golf courses, sports fields, lawns, etc.

**Active Ingredients:** Hydretain ES Plus 25%

**Hydretain ES Plus Composition:**

54% Humectants (sugar alcohols, polysaccharides and neutral salts of alpha-hydroxypropionic acid),  
10% non-ionic surfactant and 36 % inert ingredients.

**Inactive ingredients:** Granule Carrier 75%

**Granule Carrier Composition:** Natural Complex Cellulose and Mineral Binder

**Not A Plant Food.** For use on all types of plants – Turf, trees, flowers, shrubs, fruits and vegetables - Field grown and containerized.

**Storage and Disposal:** Store in a dry place. Keep bags closed. Dispose of in accordance with federal, state and local regulations.

**Condition of Sale:** 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.

Cyclone / Spyker is a registered trademarks of Spyker Spreader Works. Earthway is a registered trademark of Earthway Products, Inc. Lely is a registered trademark of MAASLAND N.V. Vicon is a registered trademark of VICON B.V., NIEUW-VENNEP NL-2153 L. SpeedyGreen is a registered trademark of Everris Intl B.V. AccuGreen is a registered trademark of OMS Investments, Inc. SCOTTS is a registered trademark of OMS Investments, Inc.

**40 lbs. (18.14 Kg)**

Treats up to 14,800 square feet at the rate of 2.7 Lbs./1000 sq. ft.

**Hydretain ES Plus is manufactured  
in the United States under one or  
more of the following patents:  
5814123, 5865869**



Manufactured by Ecologel Solutions, LLC • Ocala, Florida 34474 • [www.ecologel.com](http://www.ecologel.com)

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**Application Instructions:** Hydretain ES Plus will help plants survive periods of low moisture by capturing and converting free water molecules into micro-droplets of water and making them available to the plant. Pre-stress applications are recommended for optimized plant protection however Hydretain ES Plus can be used any time during the plants' life cycle. Applications performed at the time of planting, seeding, sodding or transplanting will also improve plant establishment.

**For Best Results:** Irrigation immediately after application is recommended however within 3-5 days is acceptable. When watering in, it is imperative to irrigate thoroughly allowing Hydretain to completely penetrate and saturate the root zone. This product will not become functional until it is properly watered in. To prevent mower pick-up, delay mowing until product has been watered in by irrigation or rainfall. Water thoroughly when re-watering Hydretain treated plants. For extended effectiveness, reapply every three months or monthly at the 1/3 rate (after initial full rate application). Additional applications may be required as the necessity for more frequent irrigation increases. Reapply Hydretain ES Plus Granular QD if reduction in watering is not apparent within the first two weeks. A proper fertilization program will enhance the activity of Hydretain ES Plus.

**Turf:** Hydretain ES Plus Granular QD can be applied to established turf, or at the time of seeding, sodding, or sprigging. The recommended application rate of Hydretain ES Plus Granular QD is 120 pounds per acre (2.7 Lbs. per 1000 square feet) and repeated every 3 months or as needed. For greater efficiency or exceptionally difficult soils, re-apply at the 1/3 rate monthly following the initial full rate application

**Large Planters & Gardens (where plants are planted close together):** Apply Hydretain ES Plus Granular QD at a rate of 1 pound for each 100 square feet of planter bed. Apply topically for existing beds. For new plantings Hydretain may be mixed into soil prior to planting or spread topically after planting.

**Shrubs, Individual Plants, Potted or Containerized Plants:** Apply Hydretain ES Plus Granular QD at a rate of 1 pound for each cubic foot of planting media either topically or mixed into planting medium at time of planting.

**Trees:** Apply Hydretain ES Plus Granular QD at a rate of 1 pound for each ¼ inch of trunk caliper for trees up to 2 inches in diameter and 3 pounds per caliper inch for trees over 2 inches in diameter. Apply evenly from the base of the tree just past the drip line for existing trees. Hydretain ES Plus Granular may be mixed with the planting medium for transplanting trees or applied topically after planting and watered in.

**Application Equipment and Instructions:** \*IMPORTANT: These settings are only approximate. Age, condition of spreader, and operator speed can cause wide variation. Be sure to calibrate your spreader with each application. Apply this product with drop or rotary spreaders designed to apply granular materials. Before each application, calibrate the spreader according to the equipment manufacturer's directions for adjusting the spreader settings such that the spreader delivers the appropriate application rate recommended above. Apply this product uniformly over the lawn or area to be treated. A more uniform application can be made by spreading half of the required amount over the area and then applying the remaining half at a right angle to the previous direction. Avoid streaking, skips, or overlaps during application. Check equipment frequently to ensure equipment is functioning properly and applying uniform distribution of granules.

Estimated Spreader Settings	
LESCO Rotary	12
Cyclone/Spyker	3.5
Earthway – 14	14
Lely – 3.5	3.5
Vicon – 18	18
Scotts Speedy Green Rotary	3 1/4
Scotts Easy Green Rotary	25
Scotts AccuGreen Drop	5 1/4
Scotts Precision Green Drop	4