

# Hydretain® ES Plus **GRANULAR QD**

Biodegradable and Eco-Friendly Quick Dissolve Granule

- **Lawn & Sports Turf**
- **Flowering Plants**
- **Trees & Shrubs**
- **Ornamentals**
- **Agriculture**

**CUTS  
WATERING  
BY UP  
TO 50%  
OR MORE!**

Hydretain ES Plus is a unique root zone moisture management product that effectively reduces the overall watering requirements of plants, shrubs, trees, turf and agriculture by as much as 50% or more. Hydretain ES Plus is a proprietary blend of the patented Hydretain® soil moisture management technology enhanced with an advanced, naturally derived soil surfactant. In combination, these synergistic technologies provide unequaled water conservation and drought stress reduction through efficient subsurface soil moisture management. In addition to reducing overall water requirements, Hydretain ES Plus works to provide the proper soil moisture needed to maximize the effectiveness of most fertilizer and pesticide products.

Hydretain ES Plus Granular QD puts the power of Hydretain ES Plus in a free flowing, easy to spread granule that is convenient for dry spreader applications where liquid applications are either impractical or labor intensive. Hydretain ES Plus Granular QD utilizes a specialized, mineral-based particle to form a rapidly releasing and environmentally friendly granule that delivers the Hydretain ES Plus technology for professional applications. Hydretain ES Plus Granular QD 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.



A 40lb bag covers up to 14,800 square feet.

**Hydretain ES Plus Composition:**

50% Humectants (sugar alcohols, polysaccharides and neutral salts of alpha-hydroxypropionic acid), 15% non-ionic surfactant and 35% inert ingredients

**Granule Carrier Composition:**

Natural Complex Cellulose and Mineral Binder





# Hydretain® ES Plus GRANULAR QD



**For use on all types of plants:** Turf, trees, flowers, shrubs, fruit and vegetable gardens and agricultural crops, etc. – field grown and containerized.

**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 plant roots. Application prior to plant stress is recommended for optimum plant protection; however, Hydretain ES Plus can be used anytime 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 ES Plus 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 rewatering Hydretain ES Plus treated plants. For extended effectiveness, reapply every three months or every six weeks at a 1/2 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 pounds per 1,000 square feet) and repeated every 3 months or as needed. For greater efficiency or exceptionally difficult soils, reapply every six weeks at a 1/2 rate 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 per 100 square feet of planter bed. Apply topically for existing beds. For new plantings, Hydretain ES Plus Granular QD 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 per cubic foot of planting media either topically or mixed into planting media at time of planting.

**Trees:** Apply Hydretain ES Plus Granular QD at a rate of 1.5 to 2 pounds per caliper inch. Apply evenly from the base of the tree just past the drip line for existing trees. Hydretain ES Plus Granular QD may be mixed with the planting medium for transplanting trees or applied topically after planting and then 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.

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



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**Saving the World's Water  
...One Lawn at a Time®**