

# Hydretain® ES Plus GRANULAR OC

Biodegradable Organic Compost Carrier

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

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 unequalled 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 OC puts the power of Hydretain ES Plus in an easy to spread, environmentally friendly granule that is convenient for dry spreader applications where liquid applications are impractical or labor intensive. Hydretain ES Plus Granular OC uses a rapidly releasing, biodegradable organic compost carrier to deliver the Hydretain ES Plus technology for all types of professional applications. Hydretain ES Plus Granular OC 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, residential lawns and commercial landscapes, etc.



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

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

**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:**

Organic Compost



***This entire lawn was as green and healthy as the treated center section prior to a six week drought.***



# Hydretain ES Plus

## GRANULAR OC



**For Use on All Types of Plants:** Turf, trees, flowers, shrubs, fruit and vegetable gardens and agriculture 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 re-watering Hydretain ES Plus treated plants. For continued effectiveness, reapply every three months or every six weeks at a 1/2 rate (after the initial full rate application). Additional applications may be required as the necessity for more frequent irrigation increases. Reapply Hydretain ES Plus Granular OC 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 OC can be applied to established turf, or at the time of seeding, sodding, or sprigging. The recommended application rate of Hydretain ES Plus Granular OC is 120 pounds per acre (2.7 Lbs. per 1,000 square feet). Repeat every 3 months or as needed. For greater efficiency or exceptionally difficult soils, re-apply at a 1/2 rate every six weeks following the initial full rate application.

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

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

**Trees:** Apply Hydretain ES Plus Granular OC at a rate of 1.5 to 2 pounds for each caliper inch. Apply evenly from the base of the tree just past the drip line for existing trees. Hydretain ES Plus Granular OC may be mixed with the planting media 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.

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®