

Hydretain Granular Applications 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 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 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 1.5 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 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 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 previous direction. Avoid streaking or skips during application. Check the equipment frequently to ensure that it is functioning properly and applying uniform distribution of granules.

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