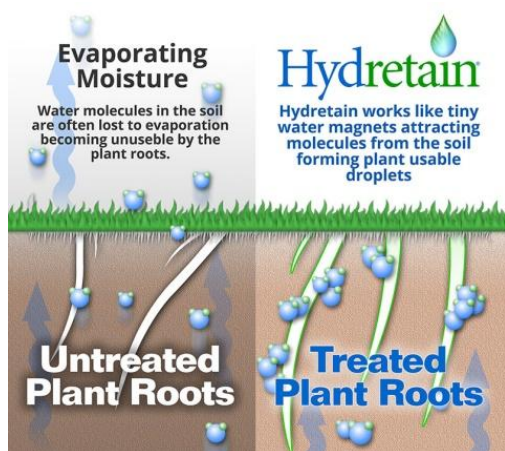


# Hydretain®

a leader in water conservation

root zone moisture  
management



Hydretain is a unique concept in root zone moisture management that effectively reduce the overall watering requirements of plants, shrubs, trees, turf and agriculture by as much as 50% or more. Hydretain is not another wetting agent, surfactant or super absorbent polymer crystal. It is actually a liquid group of hygroscopic and humectant components that attract moisture like tiny “water magnets” forming microscopic droplets within the root zone. This process allows plants to utilize soil moisture which would otherwise be lost to evaporation. The Hydretain formula contains a proprietary blend of synergistic organic derivatives. In combination, these derivatives create a sub-surface film which

attracts water molecules (hygroscopic) and holds water molecules from humidity within the soil air space, providing additional moisture in the root zone where it is needed most in the plant soil system. The end result is increased effectiveness of watering, rainfall, dew and even humidity in retaining significant moisture levels for both indoor and outdoor plants growth in the fields or in container. The times between watering of indoor and outdoor plants can thus significantly extended.

## PRODUCT BENEFITS

- Water reduction
- Plant survival
- Extension of flower life
- Increased crop yield
- Increases transplant survival rate
- Environmental friendly
- Increased drought resistance in plant

Hydretain’s benefits are far more than isolated claims. Major university studies and green care professionals from around the world continue to herald the benefits of Hydretain and its unique ability to reduce watering requirements by **up to**

**50%**  
or more!

### Wetting agents

Wetting agents or surfactants improve the penetration and dispersion of liquid water down to and throughout the soil.



### Hydretain

Hydretain attracts moisture vapor in the soil & condenses that vapor back into plant usable water droplets

EXTRA STRENGTH ROOT ZONE MOISTURE MANAGER



## INGREDIENTS

Humectants	50.0%
Non-ionic surfactant	10.0%
Humate	4.6%
Inert ingredients	35.4%
Total bio-based content	93.0%

## ADDITIONAL INFORMATION

Hydretain is biodegradable and contains no phosphates, petrochemical derivatives or other toxic fraction that may cause groundwater or runoff contamination. Hydretain products are only beneficial within the root zone and therefore must be watered in thoroughly after application.

## APPLICATION

**Dilution:** Hydretain is a concentrated formula designed for large scale applications. Dilute with water before applying. Minimum dilution rate 50:1 (water to Hydretain). Hydretain may be tank mixed or applied through injectors and fertigation systems.

**Turf:** General application rate - Apply 3-10 Litre of Hydretain per acre by spray or drench (as per soil condition) once every 3 months or maintain monthly at 1/3 rate after initial full rate application. For best results apply to wet soil. Water in with at least 1/10 inch of water within the first couple of hours to insure Hydretain 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.) 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.

**Overseeding, Sodding, Sprigging:** Apply 10 Litre of Hydretain per acre by spray or drench after seeding, sodding or sprigging. Water in with only enough water to rinse Hydretain 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, sodding or sprigging and watered into the root zone will manage soil moisture for existing turf during new turf establishment.

**Trees, Shrubs & Individual Plants:** Apply 3 litre/Acre by drench thoroughly saturating the root zone.

**Potted or Containerized Plants:** Apply by drench, thoroughly saturating the planting media. Media should be dry enough to hold as much diluted Hydretain as possible.

### For Best Results:

- Water thoroughly when re-watering Hydretain treated plants.
- Proper fertilization will enhance Hydretain's effectiveness.
- 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.
- Higher dilution rates may require multiple applications to achieve desired results.



## GUARANTEE

GREENBAY sells the product Hydretain®. Carefully follow the instructions on the packaging. We do not guarantee the product's suitability for applications other than that originally intended. GREENBAY is only obliged to replace any products that do not meet the specifications. Suggestions for use and information on results of the product's use obtained by the producer may be considered reliable. As Plant Health Cure cannot control the conditions of the product's use, the buyer/user is responsible for all results, including any injuries or damage resulting from the use of this product by itself or in combination with other products. Keep out of reach of children.

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