

**Fight Drought and High Water Bills!**

**Reduce Watering**  
by up to **50%** or more!

**Reduzca el riego hasta en un 50%**

**Lawns • Trees • Shrubs • Flowers • Vegetables**



**Hydretain**<sup>®</sup>  
**Root Zone Moisture Manager**

Not a plant food. Net contents 1 US Quart (32 Fluid Ounces/.95 Liters) - Treats up to 5,000 square feet.

Hydretain® is a biodegradable blend of food grade hygroscopic and humectant components that effectively manage soil moisture, converting soil humidity into plant usable water droplets and reducing overall watering requirements. Used professionally by top Golf Courses, Landscapers, Greenhouse Growers and Farmers - Now available for home use.

**Directions:**

Connect sprayer to garden hose - to open, break off tab on top of sprayer head and turn knob to ON.

**Lawns:** Apply using broad strokes. Best if applied to damp soil. After applying, immediately water into the root zone with ¼" to ½" of water. One quart treats 2,500 - 5,000 square feet.

**Flower Beds and Vegetable Gardens:** Through hose-end sprayer drench plant root zone. Rinse off flowers and foliage immediately with plain water to deliver Hydretain into the soil throughout the root zone. One quart treats up to 1,000 square feet.

**Trees, Shrubs and Individual Plants:** Through hose-end sprayer or mixed at a rate of 2 ounces of Hydretain to 1 gallon of water - thoroughly drench the entire root zone or container of each plant.

**Re-apply every 3 Months** or as needed. Additional application information available at [Hydretain.com](http://Hydretain.com).

**Instrucciones:** Conecte el rociador a la manguera de jardín - Para abrir, rompa la pestaña que sobresale por encima del rociador.

**Céspedes:** Aplique haciendo movimientos amplios. Es mejor si el suelo está húmedo antes de la aplicación. Después de la aplicación, riegue inmediatamente la zona de la raíz con 1/4" a 1/2" de agua. Un cuarto de galón alcanza para 2.500 a 5.000 pies cuadrados.

**Camas para flores y Huertos:** Empape la zona de la raíz de las plantas usando el rociador. Inmediatamente enjuague las flores y las hojas sólo con agua para llevar lo que les haya caído de Hydretain, hacia el suelo a la zona de las raíces. Un cuarto de galón alcanza hasta para 1.000 pies cuadrados.

**Árboles, Arbustos y Plantas Individuales:** Usando el rociador o mezclando a razón de 2 onzas de Hydretain por 1 galón del agua – empape a fondo la zona de la raíz completa en el suelo o en el recipiente de cada planta.

**Vuelva a aplicar cada 3 meses** o según sea necesario. Información adicional de aplicación disponible en [Hydretain.com](http://Hydretain.com)

Manufactured in the United States by:  
Ecologel Solutions, LLC, Ocala, FL 34480

[www.Hydretain.com](http://www.Hydretain.com)



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**Root Zone Moisture Manager**

Not a plant food. Net contents 1 US Gallon (3.79 Liters)

Reduce Overall Watering Up To 50%

# Hydretain<sup>®</sup>

Root Zone Moisture Manager

## Hygroscopic and Humectant Technology

Hydretain Root Zone Moisture Manager Composition: 54% Humectant, 10% non-ionic surfactant and 36 % inert ingredients.

Hydretain is a unique blend of humectant and hygroscopic compounds that manage root zone moisture, significantly extending periods between required waterings. Hydretain combines a root zone moisture management technology with an advanced, environmentally sound, renewable resource, non-ionic surfactant for improved soil penetration.

Hydretain is only beneficial within the root zone and therefore must be watered in thoroughly after application. Hydretain is biodegradable - reapply every 3 months or as needed.

## Dilution:

Hydretain is a concentrated formula designed for large scale applications. Dilute with water before applying. Minimum dilution rate 15: 1 (water to Hydretain). Hydretain may be tank mixed or applied through injectors and fertigation systems.

## Application:

**Turf:** General application rate - Apply 9 oz. per 1,000 sq. ft. (3 gallons per acre) by spray or drench 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.

## Wetting Agents & Penetrants:

Hydretain contains an excellent soil surfactant designed specifically to allow Hydretain to penetrate through thatch layers and hydrophobic soils, down to and throughout the root zone where Hydretain is designed to function.

Hydretain is manufactured in the United States.

Ecogel Solutions, LLC. Ocala, FL (888) 545-6307 • [www.hydretain.com](http://www.hydretain.com)

**Overseeding, Sodding, Sprigging:** Apply Hydretain at general application rate (9 oz. per 1,000 sq. ft.) 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:** Dilute Hydretain at a rate of 2 oz. per gallon of water and apply by drench thoroughly saturating the root zone. For maximum effectiveness on trees apply 1 to 2 ounces of concentrate for each 1/4 inch of trunk diameter. Dilution rate is variable from 50:1 to 300:1.

**Potted or Containerized Plants:** Dilute Hydretain at a rate of 2 oz. per gallon of water and apply by drench, thoroughly saturating the planting media. Media should be dry enough to hold as much diluted Hydretain as possible. Hydretain may be applied through existing injectors at rates between 50: 1 and 100: 1. Higher dilution rates may require multiple applications to achieve desired results.

**Large Planters & Gardens:** Dilute Hydretain at a rate of 2 oz. per gallon of water or through injectors at a rate of 50: 1 to 100: 1 and apply at a rate of 2 ounces of concentrate per 60 sq. ft. of area. One gallon treats 4,000 square feet.

**For Best Results:** Water thoroughly when re-watering Hydretain treated plants. Proper fertilization will enhance Hydretain's effectiveness. Hydretain is biodegradable. 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.

**Caution:** If Hydretain is applied to open flowers blooms, rinse with water plain water to reduce the possibility of Hydretain pulling moisture from sensitive flower petals.



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