



Hydretain[®] PRO

Root Zone Moisture Manager

Hydretain[®] Pro helps plants use water more efficiently by converting soil humidity and vapor into usable water droplets. By combining hygroscopic humectants, humic acid, seaweed extract, and a non-ionic surfactant, it helps reduce irrigation demand and may contribute to overall plant vigor and soil vitality.

Key Benefits:

- Reduces irrigation frequency
- May improve nutrient uptake
- Keeps turf and plants resilient through dry periods
- Supports microbial nutrient cycling
- Promotes deeper roots and greater abiotic stress tolerance
- Designed for tank mixes, liquid injectors, hose end sprayers, and hand watering

Ideal For:

- Turf Maintenance
- Commercial & Residential landscapes
- Golf courses and sports fields
- Container plants
- Trees and shrubs
- Greenhouse and field-grown crops

For best results, immediately water-in after application is made to ensure product enters the root zone.

Contains Non-Plant Food Ingredients

Guaranteed Analysis – Soil Amending Ingredients

Active Ingredients

46%.....	Humectants (sugar alcohols, polysaccharides and neutral salts of alpha-hydroxypropionic acid)
10%.....	Non-ionic surfactant (alkyl polyglycoside)
2.8%.....	Seaweed Extract (microbe food) (<i>Ascophyllum nodosum</i>)
4.5%.....	Humic Acids (derived from Leonardite Ore)
36.7%.....	Total Other (Inert) ingredients (Water and <1% stabilizers)

SHAKE WELL BEFORE USE

DIRECTIONS FOR USE

General Directions:

Hydretain[®] Pro helps plants extend soil moisture availability under a wide range of growing conditions. Pre-stress treatments are recommended for best results, but the product may be used at any stage of the plant life cycle. Using at planting, seeding, sodding, or transplanting may support stronger establishment. Hydretain[®] Pro functions as a true soil moisture management tool during drought stress.

For best results, water plants thoroughly prior to treatment. Apply Hydretain[®] Pro evenly to the target area and water in sufficiently to move the product into the root zone. Resume normal irrigation practices until soil moisture needs lessen in treated areas. Hydretain[®] Pro is biodegradable and may be included as part of a regular maintenance program.

For maximum effectiveness, repeat every three months at the high rate, monthly at the maintenance rate, or as needed. Reapply if no reduction in watering frequency is observed within two weeks. When applying to open flowers, rinse with clear water afterward to avoid damage to delicate petals.

USE SITE	APPLICATION RATE	NOTES
Turf (Establishment & Existing)	Initial: 9 fl. oz./1,000 sq. ft. in 1 gal. water (3 gal./acre). Reapply: 3 fl. oz./1,000 sq. ft. (1 gal./acre) monthly. Hydroseeding: 5 fl. oz./1,000 sq. ft. Bare Ground Seeding: 6 fl. oz./1,000 sq. ft. in 1-gallon of water	Water in with ¼–½ inch irrigation. For new sod/sprigs, water lightly to rinse foliage and move into soil.
Bed Maintenance	Foliar: 2 fl. oz./1000 sq. ft./1-gallon of water Soil Drench: 4 – 6 fl. oz./100 sq. ft./gallon of water	Water-in following application. When applying as a drench, apply from the edge of the drip line to approximately half the distance to the crown of the plant.
Tree & Shrub Soil Injection	2 fl. oz./gallon of water	Inject 4 – 8 fl. oz. of concentrate per DBH” or diameter foot of shrub canopy when using the AccuFlo soil injector (or similar equipment)
Tree & Shrub Drench	2 fl. oz./gal. water as drench. Trees: 4–8 fl. oz. of solution/ inch DBH. Shrubs: 4 – 8 fl. oz. of solution/ diameter foot of canopy	Thoroughly saturate root zone when applying as a drench.
Large Planters & Landscapes	2 fl. oz./gal. water	1-gallon treats ~4,000 sq. ft. Concentrate may be applied via existing injectors at a rate of 50:1 to 100:1.
Potted/Container Plants (Greenhouse or field grown)	2 fl. oz./gal. water as drench.	Ensure media saturation. For higher dilutions, multiple applications may be needed. Concentrate may be applied via existing injectors at a rate of 50:1 to 100:1.

TANK MIXING

Tank Mixing

Hydretain Pro is compatible with most fertilizers, soil amendments, and other soil-applied products. It also works synergistically when used with slow-release fertilizers. Agitation may be necessary to maintain homogeneity of tank mixes. Always test the physical compatibility of Hydretain Pro before mixing with other products by performing a standard “jar test”.

RESTRICTIONS, CLEAN UP & DISPOSAL

Restrictions

Do not apply when the soil temperature is <35°F.

Clean-up, Compatibility, Storage, Disposal and Warranty

IMPORTANT! After use, rinse equipment thoroughly with warm, soapy water. Contact Arborjet with any questions regarding compatibility. Do not contaminate water, food, or feed through storage or disposal. Store the product in a cool, dry place, and protect it from freezing.

Disposal

Waste from the use of this product may be disposed of on-site or at an approved disposal facility. Triple-rinse containers with clean water and dispose of empty bottles according to state and local regulations.

NOTICE OF WARRANTY

Arborjet, Inc. warrants that this product conforms to the chemical description on the label and reasonably fit for the purposes stated in the General Directions.

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