

# Keep water moving through turf

Water... is there anything more important to sustainability on this planet? It has been the one constant that has made life on earth possible. Water is a compound we have been searching for in our universe to see if life exists on other planets. If water is so critical to life, would it not be the one variable that we must focus on to ensure viable healthy turf?

Think about some of the challenges you may have faced in your career. Black layer, sodium toxicity, pathogenic fungi, sulfate reduction, waterlogged soils, hard pan, thatch, color uniformity, fertilizer effectiveness and general turf health. They all can be affected by the management of water.

Effective moisture management has always been a critical part of any turfgrass maintenance professional's success. The desired result is always the same: even distribution of moisture throughout the root zone. Achieving this balanced state is an challenge and without the proper tools it is a practical impossibility.

## SOILSURFACTANT.COM

*SoilSurfactant.com* was developed so that all who are interested in saving water in turf applications have the opportunity and means to do so. The price of a surfactant, wetting agent or

penetrant used in this pursuit should never preclude anyone from using them. Our customers have found that the cost per acre is far below the industry average, while obtaining remarkable results. The products pay for themselves by increasing soil health secondary creating sustainable aerobic soil ecologies and reducing the amounts of water needed. This in return saves tremendous amounts of money which can be reallocated.

## SOME OF OUR PROFESSIONAL GRADE WATER SAVING PRODUCTS.

### Penterra (Penterra.NET)

For aerobic soil conditioning, frost prevention, penetrating hydrophobic substrates, dew suppression.

Penterra is professional grade soil penetrant (*SoilPenetrant.com*) designed to move water off the surface and deep into the ground. Moving a fresh supply of water is important as it can carry with it a fresh supply of dissolved oxygen to aerobic microorganisms. If this process does not take place, carbon dioxide can build up quickly and lead to many differing challenges. Penterra decreases the surface tension between water, soil and plant to blast through hydrophobic soil conditions. Penterra's beneficial effects are noticed rapidly, in

many cases after a single application.

### HydraHawk (HydraHawk.com)

For all-natural, aerobic soil conditioning, penetrating hydrophobic substrates, water retention.

HydraHawk is a powerful all-natural penetrant/wetting agent designed to manage and keep soil moisture levels optimum while remaining 100 percent biodegradable. HydraHawk is made from all natural materials being derived from fruits, vegetables and essential oils. Secondary to its formulation, HydraHawk offers penetration into challenged hydrophobic substrates, yet subtle enough to add some holding capacity within the root zone without disruption of aerobic balance. HydraHawk is a natural powerhouse in moisture management being that it keeps water penetrating into the soil while holding viable water in the root zone for sustainability.

### Humawet (Humawet.com)

For water retention, developing soil profiles, new greens.

Humawet is a unique soil surfactant with incorporated high-grade humates designed to enhance water holding capacity. By prolonging the retention of moisture within the root zone, this formulation allows turfgrass managers to reduce irrigation volume and hand-watering when faced with hot, dry or excessively windy situations. Its beneficial effects when used to combat LDS are noticed rapidly, and when used as a preventative measure it can keep such unsightly issues from developing. Especially helpful when used on sandy soils or those low in organic content, Humawet is both easy to use and economical.

Visit [SoilSurfactant.com](http://SoilSurfactant.com) for more information on these unique water saving products. Remember, it all starts with water.

