Soil Moist™.

Your expert choice in water-management polymers and mycorrhizal products.

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Simplify successful plant and turf care

Polymers were first developed to sustain water to crops and forestry applications. Soil Moist today brings advantages to commercial growers, landscapers, grounds keepers, forestry managers and more.

User and environmentally friendly, Soil Moist is a family of polymer-based formulations that keep plants thriving and productive, while reducing plant waterings, plant stress and loss.

Better establishment, less watering

Mixed in the soil, Soil Moist absorbs and retains water like a sponge. When the soil begins to dry and there is no longer any capillary water, the stored water is slowly released back to the plant's root system. Soil Moist significantly aids in new plant establishment and reduces transplanting shock. Soil Moist will remain effective in the soil for 3 to 5 years while reducing plant irrigation frequency by up to 50%.

Designed for no other industry

Unlike other materials, Soil Moist is designed for the horticultural industry. The potassium-based (pH neutral) polymers have high water holding capacities but do not compete with the plant for available water. Over 97% of the stored water is available to the plant's roots. The expansion and retraction of the polymer during the watering cycle increases soil porosity and reduces soil compaction. Soil Moist increases the water holding capacity of the soil and reduces fertilizer leaching while improving moisture uptake in the plant.

The forms and formulas you need

Original Soil Moist in granule form provides excellent water management for both indoor and outdoor applications. For specific commercial needs, Soil Moist is available in several grade sizes. Soil Moist Fines is for bare-root seedling cultivation and packaging. Soil Moist Hydro is for amending hydraulic mulches in hydroseeding applications. For existing containers, Soil Moist spikes simplify the application of polymers.

For water plus nutrients, Soil Moist polymer disks with an 8 to 9 month timed release fertilizer is the professional choice. For certain applications, Soil Moist plus 7-7-7 granules may be more beneficial.

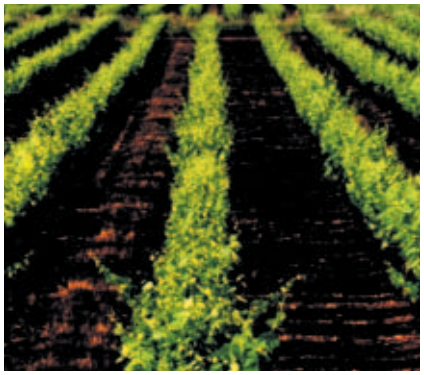
Beneficial mycorrhizal fungi

Mycorrhizal fungi are found in undisturbed soils with other beneficial soil organisms. Today's common practices such as tillage, site preparation, road and home construction and removing of topsoil can degrade the mycorrhizal forming potential of soil. These activities reduce and eliminate these beneficial fungi.

Applying Soil Moist mycorrhizal fungi increases plant growth and establishment with fewer plant waterings. Mycorrhizal fungi improves the ability of plants to utilize the soil resources and improve water and nutrient uptake by providing a large root mass. The inoculation of plants with Soil Moist mycorrhizal fungi provides an adequate supply of water and the re-establishment of the root system. The increase in the root system allows the plant to extract bound minerals and nutrients not normally available to the plant. This extraction helps explain why non-mycorrhizal plants require high levels of fertilization and waterings.

Erosion polymers for erosion control

Soil Moist high molecular weight anionic linear polymers are available in a variety of molecular weights, charge densities, and formulations for several landscape and agricultural applications. The anionic polymers are designed to reduce soil and silt loss with hydroseeding applications, construction /site preparation, storm water runoff and agricultural applications with furrow, pivot and tower irrigation systems.



Soil Moist™ Water Managment Products

PRODUCT SELECTION GUIDE			
Product	**Formulation**	**Application**	**Benefits**
Soil Moist Polymers			
Granules 1000-2000 microns 2000-4000 microns	Crosslinked polyacrylamide potassium based	Landscaping/ Greenhouse/ Nursery	Reduces plant waterings and transplanting shock. Increases plant establishment.
Soil Moist Hydro 100-700 microns	Crosslinked polyacrylamide potassium based	Hydroseeding/ Bare-root packing medium	Increases turf establishment with less waterings. Reduces shipping cost and plant loss.
Soil Moist Fines 50-500 microns	Crosslinked polyacrylamide potassium based	Bare-root dip/ Packing medium	Reduces transplant shock. Increases establishment. Reduces shipping cost and plant loss.
Soil Moist Seed Coat	Crosslinked polyacrylamide with graphite compounds	Seed coating/ Drop & spread seeding	Increases seed germination.
Soil Moist Spikes	Crosslinked polyacrylamide with and without 3-4 month timed release fertilizer	Interiorscaping/ Container plants	Reduces plant waterings. Increases plant establishment.
Soil Moist Disks 1" & 2" Diameter	Crosslinked polyacrylamide with an 8-9 month timed release 10-10-10 fertilizer	Landscaping/ Nursery	Reduces plant waterings. Increases plant establishment.
Soil Moist Plus	Crosslinked polyacrylamide with an 8-9 month timed release 7-7-7 fertilizer	Landscaping/ Nursery	Reduces plant waterings. Increases plant establishment.
Mycorrhizal Inoculants			
Transplant	Endo/Ectomycorrhizal fungi plus beneficial bacteria and polymer	Landscaping/ Nursery	Increases plant establishment with less water and fertilizer.
Transplant Paks	Endo/Ectomycorrhizal fungi plus beneficial bacteria	Landscaping/ Nursery	Increases plant establishment with less water and fertilizer.
Transplant 3-3-3	Endo/Ectomycorrhizal fungi plus beneficial bacteria with 8-9 month timed released fertilizer	Landscaping/ Nursery	Increases plant establishment with less water and fertilizer.
Flower Bed	Endomycorrhizal fungi plus beneficial bacteria and polymer	Landscaping/ Nursery	Increases plant establishment with less water and fertilizer.
Flower and Garden Plus	Endomycorrhizal fungi plus beneficial bacteria and polymer	Landscaping	Increases plant establishment with less water and fertilizer.
Injectable	Micronized Endo/ Ectomycorrhizal fungi with beneficial bacteria	Landscaping for existing plants and trees	Increases plant establishment with less water and fertilizer.
Root Dip Ecto/Endo Ecto only	Endo/Ectomycorrhizal Fungi with beneficial bacteria and polymer bare root dip	Landscaping/ Nursery	Increases plant establishment with less water and fertilizer.
Vertimulch	Endo/Ectomycorrhizal fungi plus beneficial bacteria and polymer	Landscaping as a vertimulch	Increases plant establishment with less water and fertilizer.
Plant Tabs	Endo/Ectomycorrhizal fungi plus beneficial bacteria	Landscaping/ Nursery	Increases plant establishment with less water and fertilizer.
Ecto Tabs	Ectomycorrhizal fungi plus beneficial bacteria	Landscaping/ Nursery	Increases plant establishment with less water and fertilizer.
Erosion Polymers			
FI-1000	Anionic linear polymer	Agriculture/ Landscape	Reduce soil loss.
FI-2000	Anionic linear emulsion polymer	Agriculture	Reduce soil loss.
FI-3500	Anionic linear polymer-tablet	Agriculture/ Landscape	Reduce soil loss storm water runoff.
FI-2050L	Anionic linear emulsion polymer	Agriculture/ Landscape	Reduce soil loss storm water runoff mulch tacking agent.

Refer to individual product specification sheets for detailed applications and rates

The expert support and service you deserve

Need advice or technical data? A custom blend of our products or bulk packaging for large scale plantings? Talk with us at JRM. We can answer your questions and supply the products for your needs.

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