

SOIL MOIST FLOWER BED

Soil Moist Flower Bed is formulated to inoculate planting areas such as flower beds, trees, shrubs and containers prior to planting. The formulation is for endo specific plants only. Soil Moist Flower Bed contains a diverse blend of seven species of healthy viable endomycorrhizal propagules that are adapted to a wide range of plants and habitat conditions. The formulation will provide the inoculated area to colonize on the newly planted stock in a wide variety of growing conditions.

The mycorrhizal fungi colonize plant roots and extend far into the soil resource. The fungi improves the ability of the plants to utilize the soil resources. The fungi increases water and nutrient uptake by providing a larger root mass. The improvement in the plant / soil ecosystem increases plant establishment.

Each pound of Flower Bed contains over two billion colony forming units (CFU) of bacteria in the biostimulant formulation. There are over fifty (50) strains of beneficial bacteria and soil microbes as well as natural plant extracts that promote root growth and formulation. Five strains of Trichoderma are included in the formulation to produce natural growth hormones and enhance disease suppression.

Soil Moist™ water storing polymers are included in the formulation to reduce transplant stress and water maintenance while increasing the establishment of newly planted stock.

PRODUCT BENEFITS

- Improves soil and plant ecosystem
- Increases plant establishment and growth
- Reduces transplanting stress and plant loss
- Increases nutrient and water uptake
- Improves soil structure and porosity
- Reduces fertilizer use

COMPATIBILITY

Soil Moist Flower Bed is effective on all plants and trees with the exception of Laurels, Rhododendrons, Azaleas and ecto host plants: Alder, Arborvitae, Arctostaphylos, Aspen, Basswood, Beech, Birch, Chestnut, Chinquapin, Eucalyptus, Fir, Hazelnut, Hemlock, Hickory, Larch, Linden, Madrone, Oak, Pecan, Pine, Poplar and Spruce.

Fungicides: Do not use fungicides for three weeks before and after applying Soil Moist Transplant. The following fungicides should not be used: Ridomil, Benlate, Bravo, Daconil, PCNB, Bayleton, Dithane, Zineb and Ziram.

STORAGE

Store in a cool, dry location. Avoid direct sunlight and high temperatures. Reseal any remaining materials in their original container. Product shelf life is up to twenty-four months.

NON PLANT FOOD INGREDIENTS

Endomycorrhizal Fungi	Minimum of 3780 viable propagules per pound of material derived from seven species: <i>Glomus intraradices</i> , <i>Glomus aggregatum</i> , <i>Glomus mosseae</i> , <i>Glomus clarum</i> , <i>Glomus deserticola</i> , <i>Glomus monosporum</i> and <i>Gigaspora margarita</i> .
Soil Moist™	Crosslinked polyacrylamide, 1000-2000 micron size. Minimum 3.2 ounces per pound.
Sea Kelp extract	<i>Ecklonia maxima</i>
Humic acid	Leonardite humates
Fungi	Five strains of <i>Trichoderma</i> to produce natural growth hormones and enhance disease suppression.
Beneficial bacteria	Over fifty (50) strains of bacteria which include fifteen strains of <i>Bacillus</i> , five strains of <i>Pseudomonas</i> and ten strains of <i>Streptomyces</i> . Minimum of two billion colony forming units (CFU) per pound.
Vitamins and other ingredients	Folic and fulvic acid, biotin, natural sugars and vitamins (B, B1, B2, B3, B12, C & K)

APPLICATION RATES

Broadcast Soil Moist Flower Bed at the rate of five pounds per 200 square feet. Rake or rototill the product into the top 4 - 5 inches of soil

Turf: For sod and new seed mix at a rate of twenty-five pounds per 1000 square feet. This application rate will have over 94 viable propagules per square foot.

Although Soil Moist Flower Bed is designed for broad area treatments of flower beds, it can be used for endo host plants and trees. Soil Moist Transplant is recommended for planting new transplants,

<u>Container Size</u>	<u>Amount</u>	<u>Caliper Size</u>	<u>Amount</u>
1 Gallon	1.0 oz.	1"	5.0 oz.
2 Gallon	2.0 oz.	2"	10.0 oz.
3 Gallon	2.0 oz.	3"	15.0 oz.
5 Gallon	3.0 oz.	4"	20.0 oz.
10 Gallon	5.0 oz.	5"	25.0 oz.

Bulbs: add 1 teaspoon to each hole

Soil Moist Transplant is packaged in five and thirty pound resealable plastic pails. Custom blends on Soil Moist Flower Bed are available to meet any specific requirements. Special bulk package sizes are available, minimum quantities apply.

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