

# Soil Moist Mats & Plant Paks

## Commercial Applications

Soil Moist Mats, Soil Moist Plant Paks and Soil Moist Plant Paks Plus are products designed to deliver a premeasured amount of water storing polymer to all types of plant installations. They make the installation easier and help eliminate contractor application mistakes. All three products contain Soil Moist crosslinked polyacrylamide polymer. The water management polymer is potassium salt based, non-toxic and environmentally safe to use in all horticultural applications. They increase the moisture retention in the soil and reduce irrigation frequency by up to 50%. Cost effective, the polymer lasts up to 3-5 years in the soil.

### Benefits:

- Reduces plant waterings by 50%
- Reduces transplanting shock
- Reduces plant stress due to lack of available water
- Increases soil aeration
- Helps increase plant survival
- Ease of application
- Delivers a premeasured amount of product

### Soil Moist Mats

Soil Moist Mats are a woven laminate that contain a premeasured amount of crosslinked polymer per square inch. They are ideal for hanging baskets, large planters, and other containers such as patio boxes and plant containers along streets and bridges. These containers dry out very rapidly due to the minimal amount of soil in the confined containers and the effects of the environment (wind, sun and heat). The mats work especially well with the coconut fiber lined baskets.

### Applications:

The mat is cut in 7" x 7" squares. 15.75" x 15' long rolls are available for large installations. From the chart, place the appropriate amount of mats 1-2" below where the root system of the plant will be placed. If using more than one mat, evenly space them around the plant roots. Place plant and remaining soil in the container or plant hole. Water the newly planted material liberally.



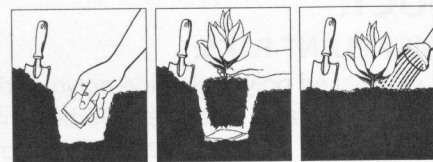
CONTAINER SIZE	AMOUNT OF MATS
Up to 12" hanging basket	1
14" hanging basket	2
1 gallon	1
3 gallon	2
5 gallon	2
10 gallon	3
20 gallon	4

### Soil Moist Plant Paks

### Soil Moist Plant Paks Plus

These two products contain a premeasured amount of polymer in a biodegradable paper tea bag. Soil Moist Plant Paks Plus also contain an 8-9 month timed release 9-3-6 fertilizer. Both products are ideal for trees, shrubs and high volume planting applications of plant stock that is one gallon size or larger. The premeasured amount of polymer increases productivity and helps eliminate field application mistakes.

### Applications:



From the chart, place the appropriate amount of Paks at the base and sides of the plant hole. Do not amend the top two inches of soil. Place plant in the hole and fill balance with backfill. Water liberally after planted.

CONTAINER SIZE	AMOUNT OF PAKS	TREE/CALIPER SIZE	AMOUNT OF PAKS
1 gallon	1	< 1"	1
3 gallon	2	1"	2
5 gallon	2	2"	4
10 gallon	3	3"	6
20 gallon	4	use 2 paks per caliper inch	

#### CAUTION: KEEP OUT OF REACH OF CHILDREN

Soil Moist Mats, Soil Moist Plant Paks and Soil Moist Plant Paks Plus are non-toxic. Keep away from open wounds. When mixing large quantities for bulk mixing, wear a mask, dusty conditions may exist. If ingested or eye contact occurs, call a physician. Spilled materials are slippery when wet. Sweep up spills and place in disposal container. Maintain good housekeeping to control dust accumulations. **DO NOT ALLOW MATERIAL TO ENTER DRAINS.**

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# ***Specifications for Soil Moist Mats & Plant Paks for Landscape Applications***

## **PRODUCT:**

### **SOIL MOIST MATS:**

Shall be a crosslinked polyacrylamide polymer that has a minimum of 95.5% active material. Polymer shall hold over 200 times its weight in tap water rated at 160mg of NaCl per liter of water, with a pH of 6.0-7.0. Laminate shall be multi-layered to eliminate any product loss and contain a minimum of 160 grams of crosslinked polyacrylamide polymer per square yard of material. Laminate shall be biodegradable and each pad (7" x 7") shall hold a minimum of one quart (32 ounces) of water. Soil Moist Mats, as manufactured by JRM Chemical, Inc. of Cleveland, Ohio, 800-962-4010 or equal (submittal of detail composition and water absorption rates are required).

## **EXECUTION/INSTALLATION:**

### **SOIL MOIST MATS:**

Apply by method and the quantity recommended by the manufacturer for the applications required within these specifications-plants, flowers, etc.

## **PRODUCT:**

### **SOIL MOIST PLANT PAKS:**

Shall be a crosslinked polyacrylamide polymer that has a minimum of 95.5% active material. Polymer shall be potassium salt based and hold over 200 times its weight in tap water rated at 160mg of NaCl per liter of water, with a pH of 6.0-7.0. The bag shall be made of paper and break upon expansion of the polymer. Each Pak shall contain a minimum of 5 grams of polyacrylamide polymer. Soil Moist Paks, as manufactured by JRM Chemical, Inc. of Cleveland, Ohio, 800-962-4010 or equal (submittal of detail composition and water absorption rates are required).

## **PRODUCT:**

### **SOIL MOIST PLANT PAKS PLUS:**

Shall be a crosslinked polyacrylamide polymer that has a minimum of 95.5% active material. Polymer shall be potassium salt based and hold over 200 times its weight in tap water rated at 160mg of NaCl per liter of water, with a pH of 6.0-7.0. The bag shall be made of paper and break upon expansion of the polymer. Each Pak shall contain a minimum of 5 grams of polyacrylamide polymer and 5 grams of an 8-9 month fertilizer with a guaranteed minimum analysis of 9% Total Nitrogen (5.3% Ammoniacal Nitrogen, 3.7% Nitrate Nitrogen), 3% Available Phosphate (P205), 6% Soluble Potash (K20). The bag shall be made of paper and break upon expansion of the polymer. Soil Moist Plant Paks Plus, as manufactured by JRM Chemical, Inc. of Cleveland, Ohio, 800-962-4010 or equal (submittal of detail composition required).

## **EXECUTION/INSTALLATION:**

### **SOIL MOIST PLANT PAKS:**

### **SOIL MOIST PLANT PAKS PLUS:**

Apply by method and the quantity recommended by the manufacturer for the applications required within these specifications-plants, flowers.