

SOIL MOIST PLUS 5-5-5 TIMED RELEASE SPIKES

SOIL MOIST SPIKES™



TECHNICAL

Soil Moist Spikes with and without a timed release fertilizer are available in bulk packages of 500 each. The spike is a safe non-toxic polyacrylamide that can be used in several horticultural applications.

When placed in the soil, the spike will soften and swell as water is added and absorbed. When the soil dries, the spike will release the water to the plant.

The spike is made from polyacrylamide and crosslinked with bisacrylamide. The spike will store over 40 times its weight in tap water, releasing a steady supply of water as your plants need it. It can reduce plant waterings by 50%.

The bisacrylamide crosslinker in the polymer makes it much stronger than standard polymers in the horticultural market. The product will not break down with high concentrations of salt from water, soil or from any fertilizer. The initial time to absorb water is slow. After the initial absorption, the polymer will re-absorb water much faster.

Soil Moist Plus Spikes with fertilizer contain a balanced 120 day timed release fertilizer. The Nitrogen, Phosphorous and Potassium have been polymer coated to provide a 5% coated slow release. The Spike will feed plants up to 120 days and continue to work for several seasons reducing waterings. After three to four months use your favorite fertilizer.

The spike can be molded with custom blended fertilizers and chemicals. The polymer gives a timed diffusion rate release on chemicals and fertilizers molded within the polymer. Available in custom shapes and sizes. Minimum quantities apply, contact factory for more information.

The spike is ideal for containers that need a post application of polymers. The spike eliminates the requirement to poke holes in the soil and measure small amounts of polymer.

APPLICATIONS

Application Rates

Pot Size	Amount of Spikes
4" - 7"	2 - 3
8" - 10"	3 - 4
12" - 14"	5 - 6
14" - 16"	7 - 8

Place the proper amount of spikes beneath the surface of the soil as close to the roots as possible. Use a pencil or similar object. Cover the holes and water the plant on a normal basis for the first seven to twelve days for the polymer to fully absorb water. Watering reductions and rates can then be established.

Please note: Some varieties of water-loving plants may require one to two more spikes per container size.

BENEFITS

- ◆ Reduces plant waterings by 50%
- ◆ Helps reduce soil compaction
- ◆ Feeds continuously for 3-4 months (Soil Moist Plus Spikes)
- ◆ Lasts several seasons
- ◆ Ease of application
- ◆ Not effected by salts
- ◆ Reduces plant stress due to moisture loss

Guaranteed Analysis 5-5-5 (Soil Moist Plus Spikes)

Total Nitrogen (N)	5%*
2.93% Ammoniacal Nitrogen	
2.07% Nitrate Nitrogen	
Available Phosphoric Acid (P ₂ O ₅)	5%*
Soluble Potash (K ₂ O)	5%*

Sources: Ammonium Nitrate, Ammonium Phosphates, Calcium Phosphates and Potassium Sulfate.

The Nitrogen, Phosphate and Potassium have been coated to provide a 5% coated slow release Nitrogen (N). 5% coated slow release Phosphoric Acid (P₂O₅) and 5% coated slow release Soluble Potash (K₂O).

CONTENTS: Soil Moist Spikes - 100% crosslinked polyacrylamide. Soil Moist Plus Spikes - crosslinked polyacrylamide containing fertilizer. Also contains Nonplant Food Ingredients - 64% Crosslinked polyacrylamide.

CAUTION: Keep out of reach of children.

MADE IN USA, PATENT PENDING