



# P O L Y M E R S

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## Arena Conditioner

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*SOIL MOIST™* is a synthetic acrylic copolymer. It is a safe, non-toxic chemical used in several aspects of the Commercial landscape, Nursery and Equestrian industry. *SOIL MOIST™* is an effective water management aid. It can reduce arena waterings by 50%. A particle size distribution has been selected to insure rapid initial uptake of water by a portion of the polymer followed by slower absorption of water by the balance of the polymer. Good initial soaking is required to insure that both the soil and the polymer absorb water. Watering routines should be normal for five to seven days. Reductions and watering rates can then be established. From the initial soaking, the polymer will soften and swell. As the soil starts to dry, the polymer will release its water reservoir. As an added benefit, the continuous expansion and contraction of the polymer reduces soil compaction.

- B**enefits:
- Reduces Arena watering by 50%.
  - Controls dust - by keeping the arena moisture level higher.
  - Improves riding surface - with the expansion and retraction of the polymer it reduces soil compaction.
  - Adds cushion to the riding surface.
  - Lasts up to several years in the soil.
  - Cost effective.
  - Environmentally friendly

**Sample Test:** To see how Soil Moist will amend your arena soil:

1. Place the contents of the sample package (1/2 ounce) in one quart (32 ounces) of water.
2. Allow the Soil Moist polymer to stay in the water up to one hour until the water is fully absorbed.
3. Place two five (5) quart containers of your arena soil side by side.
4. In one container place the entire contents of the hydrated Soil Moist in the soil and mix well.
5. In the second container pour one quart (32 ounces) of water.
6. Mix both products well in the arena soil.
7. Compare the texture and difference of the soils.

The container with Soil Moist will not dry out as fast as the untreated soil and keep your arena moisture level higher.

*See Reverse Side for Applications*

# Applications

Prior to any application, the arena soil should be rototilled, harrowed or disked to break up the arena surface at least 3-4 inches in depth.

Depending upon the type of arena soil, Soil Moist should be applied at the following rates:

## Indoor Arena:

| <u>Type of Soil</u> | <u>Depth</u> | <u>Amount per 1,000 sq. ft.</u> |
|---------------------|--------------|---------------------------------|
| Sand                | Minimum 3"   | 12 lbs.                         |
| Sand                | 3 - 4"       | 12 - 14 lbs.                    |
| Heavy Clay          | 3"           | 12 - 14 lbs.                    |
| Heavy Clay          | 4"           | 14 - 16 lbs.                    |

## Outdoor Arena:

| <u>Type of Soil</u> | <u>Depth</u> | <u>Amount per 1,000 sq. ft.</u> |
|---------------------|--------------|---------------------------------|
| Sand                | Minimum 3"   | 14 lbs.                         |
| Sand                | 4 - 5"       | 14 - 16 lbs.                    |
| Heavy Clay          | Minimum 3"   | 14 lbs.                         |
| Heavy Clay          | 4 - 5"       | 16 - 17 lbs.                    |

**DO NOT USE SOIL MOIST ARENA CONDITIONER IF CALCIUM CHLORIDE HAS BEEN APPLIED.**

If wood chips and shavings are present, use the application rate for sand.

Broadcast the polymer with a spreader or drop seeder for even disbursement. To ensure even disbursement, plot out 1000 square feet (25' x 40' or any measurement to equal 1000 square feet). Set the spreader or drop seeder opening at the smallest setting. Fill the seeder or spreader with the appropriate amount for 1000 square feet. Broadcast the polymer in the plot. If too much polymer is left in the hopper after the first pass applying the polymer, make proper adjustments to ensure all product is dispersed.

Work the polymer into the arena at the desired depth using a rototiller, harrow or disk. If a harrow is used, the spacing between the tines should be a minimum of six inches. If necessary, remove every other tine. Note: Apply up to two pounds more of the Soil Moist per 1000 square feet where heavy traffic occurs in the arena (outer ring of arena etc.). Water liberally, water routine should be normal for five to seven days. Water rates and reductions can then be established. **Soil Moist must be worked into the arena at the above depths to be effective.** If left on the surface, UV light will break the polymer down. Salt content of the water and the pH of the arena affect the absorption capacity of the polymer. If the pH of the arena soil is above 8.0 or if calcium chloride has been recently applied, contact the factory for specific application rates.

Should you need additional information on Soil Moist Arena Conditioner or the horticultural applications, please contact:

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