

# Water Saving Ideas with Soil Conditioning

## Dry Spots In Your Lawn?

It may be time to condition your soil with a soil penetrant, add a moisture retention chemical, or just use some form of aeration to improve the soil condition by using some of the products described below.

### E-Z Wet – Soil Penetrant:

Alleviate water run-off due to compacted soil, with regular use of E-Z Wet.

Regular use will promote deeper root system, leach excess salts away from the root zone, and alleviate run-off, erosion, dry spots and soil compaction problems.

*Special Features:* Biodegradable, Non-Ionic Formula, Improves Drainage, Reduces Ponding, Wet Matted Turf, Leaches Excess Salt, Increases Aeration, Minimizes Puddling, Alcohol Free Formula.



### AquaSmart – Moisture Retention

AquaSmart's polymer coated sand product is available in the form of a straight additive for increased moisture retention and growth of plants, flowers, trees, and grass/turf with water savings estimated at over 60%, in some cases based on soil and climate conditions.

- Is biodegradable and non-toxic.
- Retains 12 times its weight when hydrated.
- Materially reduces compaction of sports fields
- Demonstrated 40% water saving for sandy soils
- Up to 70% water saving for clay and other soils.
- Increases grass and turf germination and growing rates.
- Materially improves water holding capacity of soil and turf.
- Will remain in the soil, grass or turf and degrade over a period of years



### Pelletized Gypsum - Soil Buster

#### *Benefits:*

- A clean free-flowing pelletized gypsum that helps condition the soil
- The calcium in Soil Buster helps replace the sodium in many soils that can reduce available soil pore space. Soil Buster can increase water and air movement in sodic soils.
- Contains added Sulfur and Calcium to help the plants withstand weather extremes, improve unproductive soils and improve overall color and disease resistance.



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**Aeration:** Aerating your lawn does all the following and more:

- Aerating encourages your roots to grow deeper.
- Within two weeks of aerating, you'll notice that the holes left by the aerator start to fill up with plant roots. These roots are growing thicker and deeper.
- Lawn Aerator holes help to absorb water. Rather than water having to start penetrating from the surface, it can start penetrating from one to 2 ½ inches below the surface. Not only will the holes made by the aerator hold the water, but they will also help the water to sink 2 inches deeper into the soil.
- Using a lawn aerator helps build organic material in the soil.
  - Compacted soil just doesn't have as much organic material in it.
- Aerating reduces soil compaction and reduces compaction on the roots.
- Aerating your lawn can save you money.
  - By not having to water your lawn as often in the summer when water is the most expensive, you can save money.
  - Your lawn stays greener because it doesn't need as much water to stay green, and because deeper roots have more access to nutrients.



Gardener's