



Horticultural Superabsorbent Polymer

Application Guide for Growers & Landscapers

**Reduces watering frequency
by up to 50%**

Increases soil porosity

Reduces hydric stress

Reduces leaching & cuts fertilizer usage

**Protects the environment against drought
& groundwater pollution**





Growers & Landscapers

HYDROSORB™ products are environmentally safe potassium-based polyacrylamide crystals that have been specially designed for use in horticulture.

These products can be efficiently applied to hanging baskets, containerized plants, flowerbeds, ornamental gardens, parks, and general landscaping. They are beneficial throughout the growth cycle of plants, especially in the areas of germination, growth enhancement, and root establishment.

HYDROSORB™ products can reduce watering frequency by up to 50%, reducing time and money spent on irrigation labor and water costs. These polymers work by absorbing and storing water and nutrients in a gel form, hydrating and dehydrating as the demand for moisture fluctuates. These hydrogels help maintain a consistent moisture and nutrient balance in the root zone, thus reducing hydric stress which can slow plant growth. Always follow the specific application rates!

HYDROSORB™ lasts in the soil for up to 5 years and is compatible with the use of fertilizers and pesticides. MSDS and TDS available upon request.

***Please note: HYDROSORB™** holds fertilizer just as it holds water. Therefore, you must reduce your fertilizer usage by up to 50% to avoid burning your plants. Because every soil has different characteristics, finding the optimum fertilizer rate requires adjustment of your standard method of application. For sandy soil, be sure to request our **HYDROSORB™ 2001 F** when ordering.

Directions for application of HYDROSORB™ 2001 C over a broad area:

1. Work the soil either by hand, a power driven tiller, or with a plough.
2. Spread up to 4 oz./sq. yd. of HYDROSORB™ on the soil surface. The crystals can be scattered by hand, or for a more even distribution, use a fertilizer distributor.
3. Blend the crystals into the soil to a depth of 4"-8" according to the development of your specific plant roots. The soil blending can be done either by hand, with a shovel, or with a hoe. Blending can also be performed mechanically with a disc-plough or a rotary tiller.
4. Install the plants into the soil and then promptly water the area liberally to allow the HYDROSORB™ crystals to activate and absorb water.
5. Irrigation **frequency** can then be reduced by up to half depending on plant species and soil and climate conditions. Keep in mind that the actual time spent watering a plant is not reduced, just the **frequency** of the watering.

Directions for application of HYDROSORB™ 2001 C or F for containers:

1. Another method of applying HYDROSORB™ is to locally add a small amount of polymer crystals to each plant hole or planting container (refer to the application chart). This method is extremely economical as the crystals are only applied locally to the root zone.
2. Water plants liberally to activate the HYDROSORB™. Watering **frequency** can now be reduced by half.

For information on lawns, refer to our turf and sod guide.

*Water thoroughly to activate crystals, then reduce your watering frequency by up to 50%. Each crystal absorbs up to 300 times its weight in water.

To place an order, for consulting, or for more information:

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