

# Terra-Sorb® Medium or Coarse Hydrogel

Terra-Sorb Hydrogel is a high-quality, long-lasting acrylamide copolymer gel that absorbs up to 200 times its weight in water and slowly releases it into the root zone for use by plant roots. Terra-Sorb is used as a horticultural soil amendment for planting, seeding, sodding, flower bed preparation and potted plants. Terra-Sorb significantly increases the water-holding capacity of soil and can prevent plant loss due to drought stress in non-irrigated areas and where water-holding capacity is low.

## Terra-Sorb:

- Prevents sod and plant loss due to heat and drought
- Improves water retention in porous (sandy) soils
- Aerates soil as it shrinks and swells
- Easy to use

## DIRECTIONS FOR USE (MEDIUM OR COARSE GRADES)

**TREE AND SHRUB PLANTINGS** Mix Terra-Sorb evenly with the back-fill soil at a rate of 2 ounces (by weight) per inch caliper for Balled & Burlaped trees and shrubs, or 1 ounce (by weight) per 5 gallons for containerized trees and shrubs. Volume rates are shown in adjacent chart.

**FLOWER BEDS AND GARDENS** Terra-Sorb is mixed into the top 4 inches of soil at a rate of 1 pound per 100 square feet prior to planting or seeding. It can be broadcast by shaker, spreader or hand, then raked or rototilled into soil. Not recommended for topdressing on already established beds.

**SODDING, SEEDING OR SPRIGGING** Terra-Sorb is mixed into the top 4 inches of soil at a rate of 3 pounds per 1,000 square feet or 150 pounds per acre prior to seeding, sodding or sprigging. Apply by shaker, drop spreader or hand, then rake or rototill into the top 4 inches of soil. Not recommended as a topdressing on already established turf.

**POTTING MIX AMENDMENT FOR CONTAINERIZED PLANTS AND HANGING BASKETS** For machine or hand mixing, add 2 pounds of Terra-Sorb per cubic yard of potting mix. Blend thoroughly throughout mix. For small batches, add 1 ounce Terra-Sorb to each cubic foot of growing or potting mix.

**ROOT DIPPING, SEEDLING PACKAGING OR HYDROSEEDING:** Use **Terra-Sorb Fine Grade**. Call PHC Customer Service for information about Terra-Sorb Fine (1-800-421-9051).

**COMPATIBILITY** Terra-Sorb can be used on all plants including grasses. Water pH: Soil or water pH of 6 to 8 is ideal. Water absorption capacity is significantly reduced outside this range.

*Terra-Sorb must be mixed into soil. It is not designed for surface applications.*

## STORAGE/SHELF LIFE

This product is stable in dry storage conditions.

## HEALTH AND SAFETY INFORMATION

- In case of allergic reaction(s), treat symptoms and contact physician.
- Avoid breathing dust or spray mist.
- Wash hands after handling.
- **Keep out of reach of children.**

# SUPER-ABSORBENT PLANTING GEL

NOT A PLANT FOOD PRODUCT. CONTAINS NON-PLANT FOOD INGREDIENTS.

## GUARANTEED ANALYSIS OF SOIL AMENDING INGREDIENTS

| ACTIVE INGREDIENTS                                | % by Weight |
|---|-------------|
| Potassium Polyacrylamide Acrylate Copolymer ..... | 93%         |
| <b>INERT INGREDIENTS: Water*</b>                  | <b>7%</b>   |

\*Water content is derived from atmospheric humidity absorbed during storage.

## APPLICATION RATES for Terra-Sorb Medium and Coarse Grades

| TREE CALIPER   | TERRA-SORB VOLUME |
|----------------|-------------------|
| 1 inch         | 2-1/2 ounces      |
| 2 inch         | 4 ounces          |
| 3 inch         | 1 cup             |
| 4 inch         | 11 ounces         |
| 5 inch         | 1 pint            |
| 6 inch         | 21 ounces         |
| 7 inch         | 27 ounces         |
| 8 inch         | 1 quart           |
| CONTAINER SIZE | TERRA-SORB VOLUME |
| 1 gallons      | 1/2 ounce         |
| 3 gallons      | 1 ounce           |
| 5 gallons      | 1-1/3 ounces      |
| 7 gallons      | 2 ounces          |
| 10 gallons     | 2-1/2 ounces      |
| 15 gallons     | 4 ounces          |
| 20 gallons     | 4-1/2 ounces      |
| 35 gallons     | 6-1/2 ounces      |
| 50 gallons     | 1 cup             |
| 100 gallons    | 12 ounces         |
| 200 gallons    | 24 ounces         |
| 400 gallons    | 1-1/2 quarts      |
| 90 inch spade  | 24 ounces         |
| BOX TREES      | TERRA-SORB VOLUME |
| 24 inch        | 1 cup             |
| 30 inch        | 12 ounces         |
| 36 inch        | 1 pint            |

## SIZE GRADES:

Terra-Sorb comes in three particle sizes:

- Coarse: 2 to 4 mm diameter
- Medium: 0.75 to 2 mm diameter
- Fine: 0.1 to 0.75 mm diameter

## PACKAGING

30 x 3-oz handy paks (medium grade only),  
10-Lb Bag and 50-Lb bag (medium or coarse grades)



## TECHNICAL ASSISTANCE

For technical assistance, call 1-800-421-9051  
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