

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 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

GUARANTEED ANALYSIS OF SOIL AMENDING INGREDIENTS

ACTIVE INGREDIENTS	% by Weight
Potassium Polyacrylamide Acrylate Copolymer	93%
INERT INGREDIENTS: Water*	
	7%

*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

Plant Health Care, Inc.
440 William Pitt Way • Pittsburgh, PA 15238
Tel: (800) 421-9051 • Fax: (412) 826-5445
www.planthealthcare.com

© 2005 Plant Health Care, Inc

9/06



LIMITED WARRANTY Plant Health Care, Inc. offers for sale the product Terra-Sorb® Hydrogel. THERE ARE NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE which extend beyond the description of the product in this specification sheet or other product literature, and liability of Plant Health Care, Inc. is limited to replacement of any product which does not meet these specifications. Suggestions for use and information on results obtained with its use are assumed by the manufacturer to be reliable. Since conditions of use are outside the control of Plant Health Care, Inc. the buyer is responsible for all results, including injury and damage stemming from the use of this product alone or in combination with other materials.