

roots® Terra-Sorb®

Planting Gel

ROOTS® Terra-Sorb® Medium Hydrogel is a high-quality, long-lasting copolymer gel that absorbs many times its weight in water and slowly releases it into the root zone for use by plants. ROOTS® Terra-Sorb® Medium is used as horticultural soil amendment for planting, seeding, sodding, flower bed preparation and potted plants. ROOTS® Terra-Sorb® significantly increases the water-holding capacity of soil and will repeatedly absorb and release water for several years until it biodegrades. ROOTS® Terra-Sorb® does not contain sodium.

DIRECTIONS FOR USE (COARSE AND MEDIUM):

Tree and Shrub Planting: Mix Roots® Terra-Sorb® evenly with the backfill soil at a rate of 2 ounces (by weight) per inch caliper for Balled and Burlapped 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: Roots® 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. Roots® Terra-Sorb® is to be mixed into soil. It is not designed for surface applications.

Sodding, Seeding or Sprigging: Roots® Terra-Sorb® is mixed into the top 2 to 4 inches of soil at a rate of 3 pounds per 1,000 sq. ft. 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 2 to 4 inches of soil. Roots® Terra-Sorb® is to be mixed into soil. It is not designed for surface applications.

Potting Mix Amendment for Containerized Plants and Hanging Baskets: For machine or hand mixing, add 2 pounds of Roots® Terra-Sorb® per cubic yard of potting mix. Blend thoroughly throughout mix. For small batches, add 1 ounce (by weight) Roots® Terra-Sorb® to each cubic foot of growing or potting mix.

Surface Dust Control for Indoor Arenas: Arenas with dirt floors must be watered frequently to reduce dust. Roots® Terra-Sorb® will help keep the soil moist. A moist surface will reduce dust and give the arena surface a more consistent, softer texture. Apply Roots® Terra-Sorb® evenly by hand or with a standard spreader at a rate of 5 pounds per 1,000 sq. ft. Work Roots® Terra-Sorb® into the upper 2 inches of the soil surface. Water slowly and thoroughly. Wait 2 to 4 hours and water again. This first watering is very important, as the Roots® Terra-Sorb® must be allowed to swell to its full capacity. Thereafter, repeat watering regime as needed when surface appears dry. One application of Roots® Terra-Sorb® will last approximately nine months to one year before additional material needs to be re-applied. For best results, add a wetting agent to the water to facilitate water penetration and spread in the soil.

HEALTH AND SAFETY: Avoid breathing dust. Wash hands after handling. Gloves are recommended for repeated or prolonged handling. Slippery when wet.

KEEP OUT OF REACH OF CHILDREN

STORAGE: Store in a dry location.

Not labeled for use on food crop sites.

WARRANTY

NOTE To the extent consistent with applicable law, buyer assumes all responsibility for safety and performance if this product is not used according to the directions.

NET WEIGHT: 10-Lb bag (4.54 kg)

MEDIUM GRADE

LebanonTurf

Manufactured by: Lebanon Seaboard Corporation . 1600 E. Cumberland St. Lebanon, PA 17042 . Made in the USA . 800-233-0628 • (717) 273-1685 . www.LebanonTurf.com

Roots® and Terra-Sorb® are registered trademarks of Lebanon Seaboard Corporation.

- Super absorbent hydrogel holds up to 150 times its weight in water
- Use for trees, shrubs, gardens, and indoor and outdoor plants

APPLICATION RATES

Tree Caliper	Terra-Sorb Volume
1 inch	2 ½ ounces
2 inches	4 ounces
3 inches	1 cup
4 inches	11 ounces
5 inches	1 pint
6 inches	21 ounces
7 inches	27 ounces
8 inches	1 quart
Container Size	Terra-Sorb Volume
1 gallon	1/2 ounce
3 gallons	1 ounce
5 gallons	1-1/3 ounce
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 inches	1 cup
30 inches	12 ounces
36 inches	1 pint

NOT A PLANT FOOD PRODUCT.

CONTAINS NON PLANT FOOD INGREDIENTS.

SOIL AMENDING ANALYSIS

Active Ingredients	% by Weight
Potassium Polyacrylate	93%
INERT INGREDIENTS: Water*	7%
* Water content is derived from atmospheric humidity absorbed during storage.	

Information regarding the contents and levels of metals in this product is available on the Internet at <http://www.regulatory-info-lebsea.com>

For technical assistance and information about our products visit www.LebanonTurf.com

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