

roots[®] Palm Saver[®]



ROOTS[®] Palm Saver[®] 6-3-6 is used in growing, planting and maintaining palms and other tropical plant species. It contains a blend of endomycorrhizal fungi, beneficial bacteria, micronutrients, humic acids and organic material to enrich the soil and promote mycorrhizal development on newly planted or declining palms and other tropical plants. Also included is Myconate[®] (formononetin), a patented stimulant of VAM fungi. *Covered by US Patents 5,002,603; 5,085,682; 5,691,275; 5,981,775.

DIRECTIONS FOR USE:

New plantings: Mix Roots[®] Palm Saver[®] in the backfill around the root ball in the upper 3 to 4 inches of soil. For each 1 foot of diameter of planting hole, use 12 ounces (4 scoops) of Roots[®] Palm Saver[®].

Vertimulching Existing Palms: Apply by standard vertical mulching technique. For an average size palm, drill 4 holes evenly spaced around the trunk, about halfway between the trunk and dripline. Remove mulch. Use a 2 to 3 inch wide auger to drill holes to a depth of 8 to 10 inches. Fill holes with soil evenly mixed with Roots[®] Palm Saver[®] at a rate of 6 ounces per hole. Pack lightly. If using premixed soil as a fill, mix 10 pounds Roots[®] Palm Saver[®] per cubic foot of fill. Replace mulch. Apply water to soil saturation. Reapply annually as needed.

HAZARD STATEMENTS

Harmful if swallowed.
Causes eye irritation.

May be harmful if inhaled repeatedly over prolonged periods.
Suspected of causing cancer by prolonged/repeated inhalation.

HAZARDS NOT OTHERWISE CLASSIFIED (HNOC):

The bacteria contained in this product are strains of typically harmless soil and water bacteria, and are not associated with disease or infections under normal circumstances. However, reasonable precautions are in order. Handle as you would rich, dark soil or compost: keep it out of your mouth, eyes, lungs, and broken skin. Wash hands thoroughly after use. Remove and launder heavily soiled clothing separately before reuse. Persons with severely suppressed immune systems, such as those with advanced AIDS, or those taking anti-rejection drugs, or those undergoing chemotherapy should contact their physician before handling ordinary microbial products.

Unknown acute toxicity: <1% of the mixture consists of ingredients of unknown toxicity.

STORAGE: Store in a dry location between 50° and 90°F.

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.



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

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

Roots[®] and Palm Saver[®] are registered trademarks of Lebanon Seaboard Corporation.

6-3-6 Fertilizer for Palms and Tropical Plants

- Use for new plantings and for vertimulching existing plants
- Contains beneficial mycorrhizal fungi and rhizosphere bacteria

GUARANTEED ANALYSIS

Total Nitrogen (N)	6%
4.1% Water Insoluble Nitrogen*	
0.8% Urea Nitrogen	
1.1% Slowly Available Water Soluble Nitrogen*	
Available Phosphate (P₂O₅)	3%
Soluble Potash (K₂O)	6%
Magnesium (Mg)	2%
1.00% Water Soluble Magnesium (Mg)	
Iron (Fe)	5%
0.05% Water Soluble Iron (Fe)	
Manganese (Mn)	4%
0.05% Water Soluble Manganese (Mn)	
Zinc (Zn)	0.8%
0.10% Water Soluble Zinc (Zn)	
Derived from: Ureaformaldehyde, Feather Meal, Meat and Bone Meal, Peanut Skin Meal, Kelp Meal, Methylene Urea, Calcium Phosphate, Rock Phosphate, Sulfate of Potash, Iron Sulfate, Magnesium Sulfate, Magnesium Sulfate, Manganese Sulfate, Zinc Oxysulfate.	
*5.2% Slowly available Nitrogen from urea formaldehyde, methylene urea, feather meal, meat and bone meal and peanut skins.	

ALSO CONTAINS NON PLANT FOOD INGREDIENTS SOIL/PLANT AMENDING INGREDIENTS

Active Ingredients

VA Endomycorrhizal (VAM) Fungi	1.6 spores/g
0.4 spores/g <i>Entrophospora columbiana</i>	
0.4 spores/g <i>Glomus etunicatum</i>	
0.4 spores/g <i>Glomus clarum</i>	
0.4 spores/g <i>Glomus intraradices</i>	
Rhizosphere Bacteria	275,000 cfu/g
58,000 cfu/g <i>Bacillus licheniformis</i>	
58,000 cfu/g <i>Bacillus megaterium</i>	
12,500 cfu/g <i>Bacillus polymyxa</i>	
58,000 cfu/g <i>Bacillus pumilus</i>	
58,000 cfu/g <i>Bacillus subtilis</i>	
12,500 cfu/g <i>Paenibacillus azotofixans</i>	
Humic acids (derived from Leonardite)	7.0000%
Formononetin	0.0015%
INERT INGREDIENTS	92.9985%
85.4985% Fertilizer Ingredients	
3.0000% Non humic acid components of Leonardite	
2.4000% Green Sand	
2.1000% Mineral Oil (USP)	

F699

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

Net Wt. 42-Lbs. (19 kg)



WARNING

PRECAUTIONARY STATEMENTS

Avoid breathing dust.

Wash hands thoroughly after handling.

Do not eat, drink or smoke when using this product.

Use appropriate personal protective equipment as required to avoid breathing dust.

IF SWALLOWED: Rinse mouth. Immediately call a POISON CENTER or doctor/physician.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses and continue rinsing. If eye irritation persists, seek medical attention.

If exposed or concerned, seek medical advice.

Keep out of reach of children.

Dispose in accordance with all federal, state and local regulations.

APPLICATION RATES

SIZE	Roots [®] PHC [®] PALM SAVER [®]
1 gallon	3 ounces
3 gallon	6 ounces
5 gallon	12 ounces
10 gallon	18 ounces
15 gallon	24 ounces
2 foot diameter planting hole	24 ounces
3 foot diameter planting hole	36 ounces
5 foot diameter planting hole	72 ounces

Not labeled for use on food crop sites.

LebanonTurf