

BIOLOGICAL FERTILIZER, MICRONUTRIENTS AND MICROBIAL INOCULANT FOR LANDSCAPE PLANTS

PHC BioPak[®] Plus

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PHC BioPak Plus is a mineral treatment for stress for all varieties of plants. It provides immediate doses of nitrogen and 7 essential minerals plus numerous strains of beneficial rhizosphere bacteria that fix nitrogen, solubilize phosphorus and biodegrade organic matter to provide sustainable fertility for all landscape plants. PHC BioPak Plus is an effective solution for plants expressing symptoms of mineral deficiencies such as chlorosis (pale leaf color) and necrosis (localized tissue death).

DIRECTIONS FOR USE

PHC BioPak Plus has a near neutral pH of about 6 and can be tank-mixed with diluted pesticides and fertilizers. Add product to tank last. Mixed solution should be used within 12 hours.

APPLICATION RATES				
APPLICATION	PHC BIOPAK PLUS	WATER VOLUME	METHOD OF APPLICATION	COVERAGE
New plantings (ornamental/potted)	1 pound	25 gallons	Drench or spray to soil saturation	1000 square feet
Maintenance	1 pound	25 gallons	Drench or spray to soil saturation	2000 square feet
Pre-Digging/Transplanting	3 pounds	100 gallons	Drench or spray to soil saturation	5-gal per calliper inch or to soil sat.
Flower Beds	1 pound	25 to 50 gallons	Drench or spray to soil saturation	10,000 square feet
Tree/Shrub Care	2 pounds - initial 1 pound - maintenance	50 to 100 gallons	Soil inject, drench or spray	1000 square feet
Lawn Care	1 pound	50 to 100 gallons	Drench or spray to soil saturation	10,000 square feet
Seeding/Sod Installation	1 pound	50 to 100 gallons	Drench or spray every 2-4 weeks	10,000 square feet
Sod Preparation	1 pound	50 to 100 gallons	Drench 2-3 days prior to harvest	10,000 square feet

STORAGE

This product is stable in cool, dry storage conditions.

HEALTH AND SAFETY INFORMATION

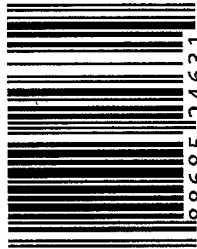
- In case of allergic reaction(s), treat symptoms and contact physician.
- Avoid breathing dust or spray mist or contact with eyes or broken skin.
- In case of ingestion, seek medical attention.
- Wash hands after handling.
- Keep out of reach of children.

TECHNICAL ASSISTANCE

For technical assistance, call 1-800-223-1067. Information regarding the contents and levels of metals in this product is available on the internet at <http://www.regulatory-info-lebsea.com>

LIMITED WARRANTY - Lebanon Seaboard Corporation offers for sale the product PHC BioPak Plus. THERE ARE NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE which extend beyond the description of the product on this package or in other product literature, and liability of Lebanon Seaboard Corporation 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 Lebanon Seaboard Corporation, 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.

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GUARANTEED ANALYSIS

NUTRIENT	% BY WEIGHT
Total Nitrogen (N)	3%
3% Urea Nitrogen	
Soluble Potash (K ₂ O)	20%
Magnesium (Mg)	1.5%
1.5% Water-Soluble Magnesium (Mg)	
Sulfur (S), combined	4%
4% Combined Sulfur (S)	
Boron (B)	0.02%
0.02% Water-Soluble Boron	
Iron (Fe)	7%
7% Water-Soluble Iron (Fe)	
Manganese (Mn)	0.2%
0.2% Chelated Manganese (Mn)	
Zinc (Zn)	0.2%
0.2% Chelated Zinc (Zn)	

Derived from: Urea, Ferrous Citrate, Potassium Sulfate, Sodium Tetraborate, Magnesium Hydroxide, Manganese EDTA, Zinc EDTA.

CONTAINS NON-PLANT FOOD INGREDIENTS

PLANT/SOIL AMENDING INGREDIENTS:

Rhizosphere <i>Bacillus</i>	5 Billion cfu/Lb
833 Million cfu/Lb <i>Bacillus licheniformis</i>	
833 Million cfu/Lb <i>Bacillus megaterium</i>	
833 Million cfu/Lb <i>Bacillus polymyxa</i>	
833 Million cfu/Lb <i>Bacillus subtilis</i>	
833 Million cfu/Lb <i>Bacillus thuringiensis</i>	
833 Million cfu/Lb <i>Paenibacillus azotofixans</i>	
Humic acids derived from Leonardite	3.6%

Microbial Nutrients	14.3%
8.7% Maltodextrin	
3.0% Seakelp extract (<i>Ascophyllum nodosum</i>)	
2.6% Yucca plant extract (derived from <i>Yucca schidigera</i>)	

Fertilizer Ingredients 75.6%

INERT INGREDIENTS	6.5%
2.4% Polyethylene glycol	
2.4% Precipitated silica	
1.7% Leonardite extract (other than humic acids)	