

*roots®*

The logo features the text "BioPak" in white and "PLUS" in yellow, both in a bold, sans-serif font. This text is set against a dark green, textured background that resembles a plant or soil. The entire logo is framed by a purple arch at the top and a yellow arch at the bottom. Green vines and leaves are illustrated around the central text, and roots are shown extending downwards from the bottom of the green background.

**BioPak®  
PLUS**

**3-0-20**

**FERTILIZER with MICRONUTRIENTS**  
and beneficial  
rhizosphere bacteria



**Dry, Water Soluble**

Simply mix  
with water  
to apply

Net Wt 8 oz (227 g)

Not for use in organic food  
and crop production.

## **Roots BioPak Plus**

is a dry, water-soluble plant micronutrient fertilizer with beneficial rhizosphere bacteria combination product that can be used to drench soil around plants to provide minerals needed for new root growth and maintain vigorous plant growth and green color.

## **Directions for Use:**

### **NEW PLANTINGS (POTTED)**

**Measure:** 1 tsp  
**Water:** 1 gallon  
**Method:** Drench or spray to soil saturation  
- Reapply every 3 months.

### **GARDEN BEDS**

**Measure:** 1 tsp  
**Water:** 1 gallon  
**Method:** Drench or spray to soil saturation  
After application, water thoroughly to rinse the beneficial microbes down into the soil  
- Apply 1 gallon per 100 sq. ft.  
- Reapply every 3 months.

NOTE: Mixed solution should be used within 12 hours.

## **Storage:**

Store in a cool dry location out of direct sunlight. Avoid moisture and prolonged storage in temperatures above 120° F (50° C).

## **Safety and Handling:**

- Avoid breathing dust and spray mist.
- In case of contact with skin or eyes flush with water.
- If ingested, contact a physician.
- Wash hands after handling.
- Keep out of reach of children.

## **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.

## **Questions?**

Call toll free: 1-800-233-1067, M-F, 8 AM - 5 PM

**Manufactured by:**  
Lebanon Seaboard Corp.  
1600 East Cumberland St.  
Lebanon, PA 17042

Roots and BioPak are registered trademarks of Lebanon Seaboard Corporation.

## **GUARANTEED ANALYSIS**

Total Nitrogen (N)	.....3%
3% Urea Nitrogen	
Soluble Potash (K <sub>2</sub> O)	.....20%
Magnesium (Mg)	.....1.5%
1.5% Water-Soluble Magnesium (Mg)	
Sulfur (S)	.....4%
4% Combined Sulfur (S)	
Boron (B)	.....0.02%
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, Iron Citrate, Potassium Sulfate, Sodium Tetraborate, Magnesium Hydroxide, Manganese EDTA, Zinc EDTA.

**F699**

## **ALSO CONTAINS NON PLANT FOOD INGREDIENTS.**

### **SOIL AMENDING GUARANTEED ANALYSIS**

#### **Active Ingredients:**

Rhizosphere Bacteria	.....18.6 million cfu/g
4.2 million cfu/g <i>Bacillus licheniformis</i>	
4.2 million cfu/g <i>Bacillus megaterium</i>	
900,000 cfu/g <i>Bacillus polymyxa</i>	
4.2 million cfu/g <i>Bacillus subtilis</i>	
4.2 million cfu/g <i>Bacillus pumilus</i>	
900,000 cfu/g <i>Paenibacillus azotofixans</i>	

Humic acids (derived from Leonardite) .....3.6%

**MICROBIAL NUTRIENTS** .....8.1%

3.2% Maltodextrin	
3.0% Seaweed extract (derived from <i>Ascophyllium nodosum</i> )	
1.9% Yucca plant extract (derived from <i>Yucca schidigera</i> )	

**INERT INGREDIENTS** .....88.3%

81% Fertilizer Ingredients	
4.6% Polyethylene glycol	
1.7% Leonardite extract (other than humic acids)	
1.0% Precipitated silica	

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

CAUTION: Boron is recommended for use on all crops where boron may be deficient; however, excessive application to susceptible crops may cause damage.

**LOT:**

**EXP:**



27-56560