



Bio-Live is a rich, organic fertilizer featuring a unique blend of premium marine byproducts infused with a diverse mixture of beneficial microorganisms. Select mycorrhizal fungi and bacterial species rapidly colonize the rhizosphere and surrounding soil to improve resource utilization and enhance nutrient uptake. Ideal for all plant types, use Bio-Live to encourage expansive root systems, increased crop yields and superior guality flowers, fruits, herbs and vegetables.

| GUARANTEED ANALYSIS  |              | APPLICATION RATES   |
|--|--------------|---|
| TOTAL NITROGEN (N)<br>0.4% Water Soluble Nitrogen<br>4.6% Water Insoluble Nitrogen<br>AVAILABLE PHOSPHATE (P <sub>2</sub> O <sub>2</sub> ) | 5.0%<br>4.0% | 3.5 cups ≈ 1 lb; ½ cup ≈ 2 oz; 1 tbsp ≈ 0.5 oz<br>Vegetable Gardens & Flower Beds: To prepare new gardens, apply 5 lbs per 100 square<br>feet and thoroughly mix into the top 3" of soil. For new transplants, add 1-2 tbsp per hole,<br>mix into soil and water in well. |
| SOLUBLE POTASH (K <sub>2</sub> O)<br>Derived from: Fish Bone Meal, Fish Meal, Alfa<br>Meal, Shrimp Meal, Langbeinite and Kelp Mea          |              | <b>Containers:</b> For new plantings, add ¼-½ cup per gallon of soil and mix thoroughly <b>OR</b> add 12.5-25 lbs per cubic yard. For established plants, mix 2-4 tbsp per gallon of soil when transplanting.   |
| ALSO CONTAINS NON-PLANT FOOD INGREDIENT(S):<br>4% Humic Acids derived from Leonardite  |              | Trees, Shrubs & Vines: For new plants, prepare transplant hole and mix 1-2 cups with the<br>backfill soil. Use amended soil to fill in around the new plant and water in well.  |
| Listed by the Organic Materials Review Institute (OMRI) for use in organic production.   |              | For maximum shelf life, store between 40 and 85° F. Avoid temperatures in excess of 140° F.<br>Product expires two years from production date stamped on top of box (Month/Year).   |

Endomycorrhizal fungi: Glomus intraradices, G. mosseae, G. aggregatum, G. etunicatum — 0.2 prop/gm each; Glomus deserticola, G. monosporum, G. clarum, Paraglomus brasilianum, Gigaspora margarita — 0.16 prop/gm each. (725 prop/lb total)

Ectomycorrhizal fungi: Rhizopogon villosulus, R. luteolus, R. amylopogon, R. fulvigleba — 300 prop/gm each; Pisolithus tinctorius — 5,500 prop/gm; Scleroderma cepa, S. citrinum — 575 prop/gm each. (3.5 million prop/lb total)

Trichoderma: Trichoderma harzianum, T. koningii — 13,750 CFU/gm each. (12.4 million CFU/lb total)

Saccharomyces: Saccharomyces cerevisiae — 18,250 CFU/gm. (8.2 million CFU/lb total)

Bacteria: Bacillus azotoformans, B. coagulans, B. licheniformis, B. megaterium, B. pumilus, B. thuringiensis, Paenibacillus durum, P. polymyxa, Azotobacter chroococccum, Pseudomonas aureofaciens, P. fluorescens — 18,250 CFU/gm each. (91.1 million CFU/lb total)

## ABOUT DOWN TO EARTH

Down To Earth has been supplying premium quality natural and organic fertilizers and soil amendments to gardeners, farmers and manufacturers for over 30 years. Down To Earth offers a complete selection of all natural products for your home and garden. Just ask your retailer!

## WHAT IS "N-P-K"?

**NITROGEN (N)** - Nitrogen is necessary for lush, green, leafy growth. An excess, however, will promote vegetative growth at the expense of fruit or flowers. Nitrogen is generally applied at higher concentrations in early growth stages. Use Down To Earth Bat Guano, Blood Meal or Feather Meal. **PHOSPHORUS (P)** - Phosphorus will promote big, bright blooms and enhanced fruit production. Phosphorus is essential for fruiting, flowering, strong root growth and quality seed development. Use Down To Earth Fish Bone Meal or Seabird Guano.

**POTASSIUM (K)** - Potassium, or Potash, helps produce strong sturdy plants and quality fruit. Potassium naturally increases a plants resistance to all types of stress and is vital for cell growth and carbohydrate metabolism. Use Down To Earth Kelp Meal or Langbeinite.

