## Find Us Online

downtoearthfertilizer.com  @downtoearthfertilizers

Founded in Eugene, Oregon

"Keep on growing" – Jack

**Bio-Live®** is a unique starter and transplant fertilizer featuring a premium blend of marine byproducts and infused with a diverse and powerful mixture of beneficial microbes. Select mycorrhizal fungi and bacterial species in Bio-Live colonize plant roots and expand into the surrounding soil to greatly increase the absorptive surface area of root systems. The result for your plants is increased nutrient uptake and improved access to moisture in the soil. Ideal for all plant types, Bio-Live provides the nutrients your plants need for expansive root systems, heavy crop yields, and bountiful flowers, fruits, herbs and vegetables.

### GUARANTEED ANALYSIS

| | | |
|---|---|---|
| TOTAL NITROGEN (N) | 5.0% | Derived from: Fish Bone Meal, Fish Meal, Alfalfa Meal, Crab Meal, Shrimp Meal, Langbeinite and Seaweed Meal |
| 0.4% Water Soluble Nitrogen | | |
| 4.6% Water Insoluble Nitrogen | | |
| AVAILABLE PHOSPHATE ($P_2O_5$) | 4.0% | ALSO CONTAINS NON-PLANT FOOD INGREDIENT(S): 2.5% Humic Acids derived from Leonardite |
| SOLUBLE POTASH ($K_2O$) | 2.0% | |

**Endomycorrhizal fungi:** *Rhizophagus irregularis, Funneliformis mosseae, Glomus deserticola* - 0.5 prop/gm each; *Glomus clarum* – 0.2 prop/gm; *Glomus monosporum* – 0.1 prop/gm; *Glomus aggregatum, Glomus etunicatum* – 0.05 prop/gm each; *Paraglomus brasilianum, Gigaspora margarita* - 0.02 prop/gm each. (878 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* – 18,750 CFU/gm. (8.5 million CFU/lb total)

**Bacteria:** *Bacillus coagulans, B. licheniformis, B. megaterium, B. pumilus, Paenibacillus polymyxa, Azotobacter chroococcum, Pseudomonas chlororaphis, P. fluorescens* – 18,750 CFU/gm each. (68.1 million CFU/lb total)

**Humic Acids may increase micronutrient uptake*

***For maximum shelf life, store between 40° and 85° F. Avoid temperatures in excess of 140° F. Product expires two years from production date stamped on bottom of box (Month/Year).***

Listed by the Organic Materials Review Institute (OMRI) for use in organic production. F002174

### APPLICATION RATES

Down To Earth Bio-Live can be mixed into surrounding soil when seeding and transplanting or blended into potting mixes.

**The objective is to ensure physical contact between the roots and the inoculated fertilizer**

| Approximate Conversions | 3.5 cups ≈ 1 lb | ½ cup ≈ 2 oz | 1 Tbsp ≈ 0.5 oz |
|---|---|---|---|

**Vegetable Gardens & Flower Beds:**
To prepare new gardens, apply 4 lbs per 100 square feet and thoroughly mix into the top 3" of soil.

For new transplants, add 1-2 Tbsp per hole, mix into soil and water in well.

**Containers:**
For new plantings, add ¼-½ cup per gallon of soil and mix thoroughly **OR** add 12-25 lbs per cubic yard.

For established plants, mix 2-4 Tbsp per gallon of soil when transplanting.

**Trees, Shrubs & Vines:**
For new plants, prepare transplant hole and mix 1-2 cups with the backfill soil. Use amended soil to fill in around the new plant and water in well.

DOWN TO EARTH® ALL NATURAL FERTILIZERS

USE OF A DUST MASK IS RECOMMENDED

PLEASE STORE AWAY FROM PETS

**Bio-Live®** STARTER & TRANSPLANT MIX **5-4-2**

Visit us online at:
**downtoearthfertilizer.com**

Scan for more information about this product

**DOWN TO EARTH®**
**is committed to using sustainable packaging materials that can be recovered and recycled.**

**MADE IN THE USA**
using quality ingredients responsibly sourced from around the world.

Flatten Before Recycling
PAPER BOX | PLASTIC BAG
how2recycle.info

Information regarding the contents and levels of metals in this product is available on the internet at: http://www.aapfco.org/metals.html

Down To Earth Distributors, Inc.®
P.O. Box 1419
Eugene, Oregon 97440

DOWN TO EARTH® DISTRIBUTORS, INC.™

**Bio-Live®** STARTER & TRANSPLANT MIX **5-4-2**

## ALL NATURAL FERTILIZER

# Bio-Live®
## STARTER & TRANSPLANT MIX
# 5-4-2

Contains Beneficial Microbes

COMPOST THIS BOX!

OMRI LISTED
For Organic Use · OMRI.org

DOWN TO EARTH® ALL NATURAL FERTILIZERS

NET WT 4 LB (1.81 kg)

**Bio-Live®** STARTER & TRANSPLANT MIX **5-4-2**

**1. Dig**


**2. Feed**

Mix with a small amount of soil

Follow the application rates on the back of the box

Remove plant from container and gently loosen roots

**3. Plant**

Fill remaining gaps with soil and press gently to remove air gaps

**4. Water**

Saturate the soil well just after transplanting

Aim to keep the soil damp, not wet, while the plant becomes established

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