



Soluble  
**Root  
Zone**

**Mycorrhizal Fungi  
With Beneficial Bacteria**



Net Wt. 4 oz. (113 g)

**Soluble Root Zone** is a powerful blend of thirty species of beneficial soil organisms that colonize plant roots and expand into the surrounding soil to greatly increase the absorptive surface area of root systems. Mycorrhizal fungi, Trichoderma and a diverse mix of bacterial species work symbiotically to promote improved soil structure and enhanced root growth. Soluble Root Zone is ideal for inoculating all types of plants and establishing biological diversity in garden soils, potting mixes and soilless media.

**Soluble Root Zone** can be watered in to porous media in gardens, seed beds or propagation trays or applied directly to seeds, roots and cuttings when transplanting. The objective is to ensure physical contact between the roots and the inoculant.

**Vegetable Gardens & Flower Beds:** Mix 2 teaspoons per gallon of water for use as a soil drench for established plants. Water in newly planted seedlings and transplants at the same rate or saturate root balls just before planting.

**Trees, Shrubs & Vines:** Mix 4 oz in 50 gallons of water. For new plantings, saturate root balls or cuttings just before backfilling. For established plants, drench or inject into surrounding soil to encourage deep root inoculation.

**Seed Soak:** Mix 1/4 teaspoon per quart of water. Soak tomato seeds 72 hrs, cucurbits 48 hrs, potatoes 12 hrs and most other seeds 24 hours before planting.

Information regarding the contents and levels of metals in this product is available on the Internet at: <http://www.aapfco.org/metals.htm>

**CONTAINS NON PLANT FOOD INGREDIENTS:**  
25% Humic Acids derived from Leonardite

**Endomycorrhizal fungi:** *Glomus intraradices*, *G. mosseae*, *G. aggregatum*, *G. etunicatum* – 8.5 prop/gm each; *Glomus clarum*, *G. deserticola*, *G. monosporum*, *Paraglomus brasilianum*, *Gigaspora margarita* – 6.8 prop/gm each. (30,000 prop/lb total)

**Ectomycorrhizal fungi:** *Rhizopogon villosulus*, *R. luteolus*, *R. amylopogon*, *R. fulvigleba* – 11,500 prop/gm each; *Pisolithus tinctorius* – 240,000 prop/gm; *Sclerotium cepa*, *S. citrinum* – 24,000 prop/gm each. (140 million prop/lb total)

**Trichoderma:** *Trichoderma harzianum* and *T. koningii* – 330,000 CFU/gm each. (300 million CFU/lb total)

**Saccharomyces:** *Saccharomyces cerevisiae* – 750,000 CFU/gm (340 million CFU/lb total)

**Bacteria:** *Bacillus licheniformis*, *B. azotofomans*, *B. megaterium*, *B. coagulans*, *B. pumilus*, *B. thuringiensis*, *Paenibacillus polymyxa*, *P. durum*, *Azotobacter chroococcum*, *Pseudomonas aureofaciens*, *P. fluorescens* – 750,000 CFU/gm each. (4 billion CFU/lb total)

74.9% Inert Ingredients

Store this product between 40° and 85° F.  
Avoid temperatures in excess of 140° F.

Expires:

**CAUTION: Keep out of reach of children and pets. Do not ingest or inhale. Avoid contact with eyes or skin. Wash hands after use.**



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