

Dry
Technology



THE LANDSCAPER'S COMPANION[®]

3-0-3 GRANULAR

BENEFICIAL BACTERIA FOR PLANTINGS & TRANSPLANTINGS

- **PACKED IN EASY TO USE 8OZ PACKS**
- **CONTAINS VITERRA[®] GELSCAPE[®] POLYMER GEL**
- **PREVENTS TRANSPLANT LOSS**

GUARANTEED ANALYSIS:

PLANT FOOD INGREDIENTS:

Total Nitrogen (N) 3%
 0.5% Urea Nitrogen
 2.5% Slowly Available Water Soluble Nitrogen*

Soluble Potash (K₂O) 3%
 Iron (Fe) 1%

Derived From: Methylene Urea, Urea, Iron Sulfate, Condensed Fermented Plant Extracts, Fish Meal.

*2.5% slowly available Nitrogen from Methylene Urea

BENEFICIAL RHIZOSPHERE BACTERIA:

Bacillus subtilis GB03 3 x 10⁸ CFU
 (not less than 300 Million CFU* per gram)

Bacillus subtilis 1 x 10⁸ CFU
 (not less than 100 Million CFU* per gram)

Bacillus megaterium 1 x 10⁸ CFU
 (not less than 100 Million CFU* per gram)

Bacillus licheniformis 1 x 10⁸ CFU
 (not less than 100 Million CFU* per gram)

* Colony Forming Units

SOIL AMENDING INGREDIENTS

15% Humic Acid (derived from Leonardite)

5% Kelp Extract (Ascophyllum nodosum)

1.5% Natural Wetting Agent (Yucca schidigera)

9.5% Total L-Amino Acid

0.44% Glycine	0.65 L-Threonine
1.8% L-Glutamic Acid	0.46% L-Valine
0.56% L-Aspartic Acid	0.40% L-Phenylalanine
0.90% L-Alanine	0.32% L-Isoleucine
0.88% L-Proline	0.30% L-Histidine
0.96% L-Leucine	0.18% L-Methionine
0.36% L-Lysine	0.34% L-Tyrosine
0.44% L-Serine	0.14% L-Cystine
0.40% L-Arginine	

Dried Bacillus Megaterium Fermentation Product, Dried Bacillus Licheniformis Fermentation Product, Dried Bacillus subtilis Fermentation Product, Dried Aspergillus Oryzae Fermentation Extract, Calcium Carbonate.

INERT INGREDIENTS

11% Clay

20% Potassium Propenoate-Propenamide Copolymers

Viterra[®] Gelscape[®] are registered trademarks of AMEREQ, Inc.

PRODUCT DESCRIPTION

The Landscaper's Companion granular for Landscape application is a scientifically formulated blend of nutrients, soil amendments and Rhizosphere beneficial bacteria. The bacteria contained in Companion are, Bacillus subtilis GB03, Bacillus subtilis, Bacillus megaterium and Bacillus licheniformis. They are a research-selected mixture of mesophiles and thermophiles that grow and metabolize in the soil in temperature ranges of 45° -

- **64 BILLION BACILLUS SUBTILIS SPORES**
- **L-AMINO ACID BASED**

140°F. Together these Bacillus strains produce a variety of enzymes, PGRs and metabolites that aid in the breakdown of organic fertilizers and organic matter. The Landscaper's Granular Companion can be applied to any tree or plant species to produce healthier root system, overcome urban and transplant shock. Bacillus rapidly colonize the root's surface of the developing root system (niche occupation) and produce important metabolites that stimulate root growth, maintain healthy root system and crowd out invading pathogens.

The Landscaper's Granular Companion is a biologically active soil conditioner that improves soil structure and nutrient availability by demineralization. Companion contains "Viterra[®] Gelscape[®]" a unique water-control polymer gel that absorbs and holds water for gradual release to plants.

The Landscaper's Companion contains 17 natural L-amino acids. They act as a natural chelating / complexing agent for cation nutrients. They also act as plant growth regulators and provide a food source for soil microbes. All amino acids have the potential to decompose into amines that go into solution in the form of plant-available nitrogen. Glycine is the most used as a fertilizer source.

TRANSPLANTS:

Use The Landscaper's Companion to treat the root zone of trees, shrubs, annuals and perennials at the time of planting. This product contains beneficial Bacillus bacteria that will quickly colonize the root surface improving nutrient uptake, stimulating new root growth and protecting roots against stress. Simply sprinkle The Landscaper's Companion into the transplanting hole, or work into soil. There is no need to dissolve Companion with water.

DIRECTIONS FOR TRANSPLANTS:

See application rate chart.

1. Mix Landscaper's Companion into soil backfill in contact with root ball
2. Fill hole with treated soil
3. Pack soil firmly and water well.

PLANT MATERIALS:

The Landscaper's Granular Companion can be used on all plant species including woody ornamentals such as Rhododendron's, Azaleas and Laurels. The Landscaper's Companion can be used on all types of trees including deciduous, evergreens, fruit, oaks, and shrubs. Apply to all types of landscaping materials including annuals, perennials, vines, vegetables, baskets and pots.

Companion can be used in combination with both non-systemic and systemic fungicides.

STORAGE AND HANDLING:

Store in normal warehouse conditions in dry place. Product shelf life is in excess of 2 years .