



# RootGuard®

## Soil Amendment

Proprietary assortment of crab shell particles engineered to enhance natural occurring soil microbes for comprehensive root growth as well as nematode and fungus suppression.

### 4-3-0

#### GUARANTEED ANALYSIS

**Total Nitrogen: 4.00%**

Ammoniacal Nitrogen 0.4%

Other Water Soluble Nitrogen 0.05%

Water Insoluble Nitrogen 3.55%

Slowly available Nitrogen 3.86%

**Available Phosphate (P2O5): 3%**

**Calcium: 14%**

**Magnesium: 0.93%**

**Iron: 0.5%**

Derived from Crab Shell

#### DIRECTIONS FOR APPLICATION

##### Established Turf Grass & Landscape:

Apply 15 lbs. per 1000 sq. ft.

##### Row Crops:

Apply 8 lbs. per 100' x 2', thoroughly incorporating 12" in depth

##### Field Crops, Orchards and Tree farms:

Apply 600 lbs. per acre twice annually

##### New Turf Grass, Seeding and/or Landscape Planting:

Thoroughly incorporate 600 lbs. per acre 2-4" deep

Best land management practices should be used at all times with any fertilizer. This material should not be permitted to enter public or private water supplies including wells, lakes, streams, or rivers. SEE APPLICATION RATE SHEET

The original RootGuard® harnesses the power of Chitin to promote and enhance plant root growth by providing a readily available microbial food. Used at correct rates, RootGuard® has been shown to suppress nematode and fungal populations. Microbial augmentation also spurs linear uptake of nutrients made bioavailable in the soil.

RootGuard® meets the needs of gross acre agriculture, all turf grasses, row crops, orchards, ornamental production and landscape health management. RootGuard® continually feeds a specific community of microbes that produce Chitinase due to the assortment of particle sizes.

#### STORAGE AND DISPOSAL

Store in a safe manner, in original container only and keep tightly sealed when not in use. Dispose of unused product and empty containers in accordance with Federal, State, and local regulations.

Information regarding the contents and levels of metals in this product will be available on the Internet at [www.aapfo.org/metals.html](http://www.aapfo.org/metals.html)

**Manufactured by/for: Agricultural Solutions, LLC**  
**PO Box 567, Safety Harbor, FL 34695**



Conditions of Sale and Limitations of Warranty/Liability:

**NOTICE: Read the entire Direction for Use and Conditions of Sale and Limitation of Warranty/Liability before buying or using this product. If their terms are not acceptable, return the unopened product immediately and the purchase price will be refunded.**

The Directions for Use of the product should be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of many different factors including, without limitation, manner of use or application, weather, combination with other products, or crop conditions. All such risks shall be assumed by Buyer and User. Buyer and User agree to hold Manufacturer and Seller harmless from any claims relating to such factors.

**Seller warrants that this product conforms to the chemical description on the label. EXCEPT FOR THIS WARRANTY, THE PRODUCT IS FURNISHED "AS IS" AND NEITHER SELLER NOR MANUFACTURER MAKE ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, WITH RESPECT TO THE SELECTION, PURCHASE OR USE OF THIS PRODUCT. SELLER AND MANUFACTURER SPECIFICALLY DISCLAIM ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Buyer and User accept all risks arising from use of this product, including without limitation uses contrary to label instruction, under abnormal conditions, or under conditions not reasonably foreseeable to (or beyond the control of) Seller or Manufacturer.**

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**NET WEIGHT: 40 lbs. / 18.17 kg**