



Root Guardian™

Biofungicide for Soilborne Diseases

ACTIVE INGREDIENT:

Trichoderma harzianum Rifai strain T-22* 1.15%

OTHER INGREDIENTS: 98.85%

TOTAL 100.00%

*Contains at least 1.0 x 10⁷ colony forming units per gram dry weight.

KEEP OUT OF REACH OF CHILDREN

CAUTION

FIRST AID	
If on skin or clothing	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15 - 20 minutes. • Call a poison control center or doctor for treatment advice.
If in eyes	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15 - 20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
If inhaled	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. • Call a poison control center or doctor for further treatment advice.
If swallowed	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to by a poison control center or doctor. • Do not give anything by mouth to an unconscious person.
<p>HOT LINE NUMBER: Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1 -800-222-1222 for emergency medical treatment information.</p>	

EPA Reg. No. 68539-4-56872

EPA Est. No. 69208-MO-001

EPA Est. No. 089287-KS-002

Net Contents: 2.63 oz.

#2783

Manufactured for:
 Gardens Alive®, Inc.
 706 W. Cumberland St.
 Lewisburg, OH 45338
 513-354-1483

www.GardensAlive.com



PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION: Harmful if absorbed through skin, inhaled, or swallowed. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

ENVIRONMENTAL HAZARDS

To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area.

PRODUCT INFORMATION

Root Guardian™ Biofungicide for Soilborne Diseases is a preventative biological fungicide for control of plant diseases. The active ingredient is a microbe, *Trichoderma harzianum* Rifai strain T-22, which when applied to seeds, transplants or other propagative material, or to soil or planting mixes, grows onto plant roots as they develop and provides protection against plant root pathogens such as *Pythium*, *Phytophthora*, *Rhizoctonia* and *Fusarium*. Where early season seed rot and seedling diseases are expected, use chemically treated seed or other appropriate measures for stand establishment and Root Guardian™ Biofungicide for Soilborne Diseases for root disease control.

ATTENTION: Root Guardian™ Biofungicide for Soilborne Diseases contains live spores of a microbe that must be used prior to disease onset. Root Guardian™ Biofungicide for Soilborne Diseases becomes active in soil or on plants when temperatures are above 50°F and is not effective while temperatures remain cold.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

ATTENTION: DO NOT APPLY to sugarcane, pechay, rice, mushrooms, kiwi, tobacco, barley, oats, lemon, apple and chickpea. Not for use on aquatic plants.

HOME & GARDEN SEED, SOIL AND PLANT ROOT DRENCH: For preventative control of root diseases of vegetable, flower, and ornamental plants.

For Drench application to seeds, mix 1.0 to 3.0 tablespoons of Root Guardian™ Biofungicide for Soilborne Diseases per gallon of water, and apply mixture with a watering can or other device to 25 feet of planting furrow before covering the seeds with soil.

For transplants, mix 1.0 to 3.0 tablespoons of Root Guardian™ Biofungicide for Soilborne Diseases per gallon of water, and apply 1/2 - 1 cup (4 - 8 fl oz) of mixture per plant at transplanting.

For new plant beds, mix 1.0 to 3.0 tablespoons of Root Guardian™ Biofungicide for Soilborne Diseases per gallon water, and apply mixture at a rate of one gallon per 25 square feet of bed.

For established beds or potted plants, mix 1.0 to 3.0 tablespoons of Root Guardian™ Biofungicide for Soilborne Diseases per gallon of water, and apply mixture at a rate of one gallon per 25 square feet of plant bed or 1/2 - 1 cup (4 - 8 fl oz) per 4 - 8 inch diameter pot.

Root Guardian™ Biofungicide for Soilborne Diseases is designed for application to seeds, plant roots and soil for control of plant root diseases and is not to be used for spray application to foliage or fruit.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage and disposal.

PESTICIDE STORAGE: Store original container in a cool, dry and locked place inaccessible to children and pets. Do not store at temperatures above 75°F for prolonged periods. Keep container tightly closed when not in use.

PESTICIDE DISPOSAL AND CONTAINER HANDLING

Nonrefillable container. Do not reuse or refill this container.

If empty - Place in trash or offer for recycling if available.

If partly filled - Call your local solid waste agency or 1-800 CLEANUP for disposal instructions. Never place unused product down indoor or outdoor drain.

NOTICE TO BUYER AND SELLER: Seller warrants that this product conforms to the description on this label and is reasonably fit for the purposes stated on this label when used and stored in accordance with the directions for use. This warranty does not extend to use of this product contrary to label directions or under conditions not reasonably foreseeable by the Seller, and Buyer and User assume the risk of any such use. To the extent consistent with applicable law, Seller disclaims all other warranties, express or implied, including any warranty of fitness or merchantability. To the extent consistent with applicable law, Seller shall not be liable for consequential, special or indirect damages resulting from use or handling of this product, and Seller's sole liability and Buyer's and User's exclusive remedy shall be limited to refund of the purchase price. This product is sold only for uses stated on its label.

Manufactured in the USA by: BioWorks, Inc.