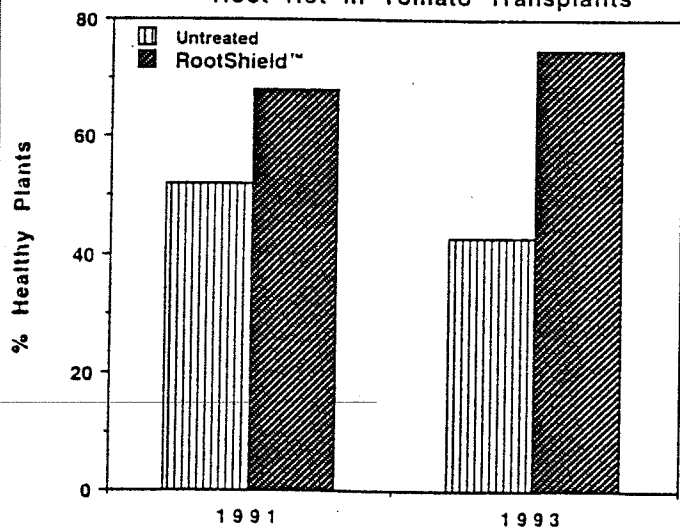


RootShield™

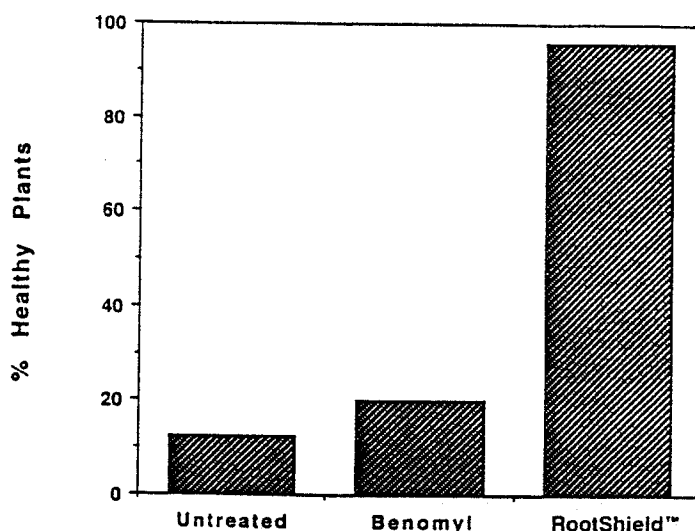
Biological fungicide for root disease control

DISEASE CONTROL IN GREENHOUSE AND NURSERY CROPS

Control of Fusarium Crown and Root Rot in Tomato Transplants



Control of Fusarium on Greenhouse Grown Carnations



Commercial Greenhouse: Newark Florist, Newark, New York

Complete root colonization was obtained for greenhouse crops including Mums, Kalanchoes, Gerberas and Poinsettias.

Growers comments when using RootShield™

- "We only added RootShield™ granules once and did not have to drench with fungicides."
- "Visually, I was impressed by the enhanced early root development."
- "Our crops can require several different chemical drenches, however, none were used when RootShield™ was applied."
- "When using a single overhead drench of RootShield™, we found there was no need to apply S or Banrot."
- "We have not seen any negative effects, only positive; so we are going to use RootShield™ plants in various soil mixtures."

RootShield™

Drench

Robert
KTC-AG.

Biological Fungicide

ACTIVE INGREDIENT

Trichoderma harzianum Rifai strain KRL-AG2 1.15%*

INERT INGREDIENTS 98.85%

TOTAL 100.00%

*Contains at least 1.0×10^7 colony forming units per gram dry weight.

US Patent No. 5,260,213

EPA Reg. No. 68539-4

EPA Est. No. 068539-NY-001

KEEP OUT OF REACH OF CHILDREN CAUTION

STATEMENT OF PRACTICAL TREATMENT

In case of contact, flush eyes with plenty of water. Get medical attention if irritation persists.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION: Avoid contact with skin or eyes. Avoid breathing dust. Do not store near food or feed.

PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear: a) long sleeved shirt and long pants; b) shoes plus socks; c) when dumping or opening bags, or other operations where dusts may be created, wear goggles and dust mask (MSHA/NIOSH TC-21C) for biological products. Follow manufacturer's directions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

ENVIRONMENTAL HAZARDS

Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment wash water.

USER SAFETY RECOMMENDATIONS

Users should: Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.

GENERAL INFORMATION

RootShield Drench is a biological fungicide for control of root diseases in nursery and greenhouse crops. The active ingredient is a beneficial microbe, *Trichoderma harzianum* strain T-22 (KRL-AG2). When applied to nursery/greenhouse planting mix or soil, RootShield actively grows onto plant roots as they develop and protects roots against pathogens such as *Pythium*, *Rhizoctonia* and *Fusarium*. RootShield Drench provides prolonged protection for the root system extending from stand establishment through harvest.

For control of seed rot and damping off of internally infected cuttings, use chemical seed coatings or other appropriate measures in addition to RootShield Drench.

NOTE: RootShield Drench contains live spores of a beneficial microbe. For best results, RootShield Drench should be stored below 80 degrees Fahrenheit and used without prolonged storage (no longer than 6-12 months). RootShield becomes active when soil temperatures are above 50 degrees Fahrenheit and is not effective while soils remain cold. Control is more effective in neutral or acidic soils than in alkaline soils.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected workers may be in the area during application. For any requirement specific to your state or tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 4 hours.

PPE required for early entry into treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, are: a) coveralls; b) waterproof gloves; c) shoes plus socks.

GREENHOUSE/NURSERY POTTING MIX OR SOIL DRENCH: ALL ORNAMENTAL CROPS, CABBAGE, TOMATOES, AND CUCUMBERS:

Suspend RootShield in sufficient water to achieve uniform application and apply at a rate of 3 - 6 oz. per cubic yard (loose) of greenhouse potting mix, soil or planting beds. RootShield can be applied through low pressure watering nozzles such as fan nozzles or other watering systems. Agitate to maintain suspension.

STORAGE AND DISPOSAL

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

STORAGE: Store in a cool dry place. Do not freeze or expose to temperatures above 80 degrees Fahrenheit. Do not store for prolonged periods. Keep container tightly closed when not in use.

DISPOSAL: Wastes resulting from use of this product may be disposed of on site or at an approved waste disposal facility. Dispose of empty containers in a sanitary landfill or by incineration, or by open burning, if allowed by state or local authorities. If burning, keep out of smoke.

NOTICE TO BUYER AND SELLER: Seller warrants that this product conforms to the description on the label and is reasonably fit for the purposes stated on the label when used and stored in accordance with directions under normal conditions of use. This warranty does not extend to use of this product contrary to label directions or under conditions not reasonably foreseeable by the Seller. Buyer and User assume the risk of any such use. Seller disclaims all other warranties express or implied, including any warranty of fitness or merchantability. Seller shall not be liable for consequential, special or indirect damages resulting from use or handling of this product. 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. No express or implied license is granted to use or sell this product under any patent in any country except as specified.

Country: United States of America

Lot No.

In Case of Emergency,
Call CHEMTREC: (800) 424-9300

BioWorks, Inc.

122 North Genesee Street
Geneva, New York 14456

NET CONTENTS: 1 POUND