



RootShield® PLUS⁺ WP

RootShield PLUS⁺ WP is a biological fungicide with dual active ingredients that prevent a broad spectrum of root diseases and promote healthy root systems.

Active Ingredients: *Trichoderma harzianum* strain T-22
Trichoderma virens strain G-41

Benefits & Features

- Grows in soil and on roots, shields roots from pathogens
- Seeks out, attacks and eats fungal pathogens
- Induces host resistance
- Active over wide temperature range (9-36 °C)
- Grows in a wide pH range (pH 4-8)
- Compatible with many chemical and biological inputs
- Well suited to a wide range of soil types
- Enhances nutrient uptake
- Helps plants resist/overcome abiotic stresses and transplant shock
- Excellent tool for fungicide resistance management
- Does not interfere with beneficial insects
- Exempt from residue



DISEASE CONTROL

RootShield PLUS⁺ WP provides preventative control of major root diseases including soilborne *Phytophthora*, *Pythium*, *Fusarium*, and *Rhizoctonia*. RootShield PLUS⁺ WP also provides partial suppression of *Sclerotinia homoeocarpa* and *Pythium* in turf. Controls disease for 10-12 weeks.



HEALTHY ROOTS

RootShield PLUS⁺ grows in soils and on roots shielding them against root damaging fungi, promoting a healthier roots and increasing root mass potential.



MULTIPLE MODES OF ACTION

RootShield PLUS⁺ has dual active ingredients to prevent a greater spectrum of root diseases. Ideal for resistance management, it can be used alone, in a tank mix, or rotated in an IPM program.



SUSTAINABLE. SIMPLE. SUPPORT.

For over 25 years, BioWorks has been helping our customers to develop effective and efficient programs using safer, sustainable products - backed by a personalized approach to support.

At BioWorks, we strive to simplify the use of biologicals with our ongoing commitment to information, education, and service.



A BIOFUNGICIDE WITH DUAL ACTIVE INGREDIENTS TO CONTROL ROOT DISEASES



PRODUCT INFORMATION

- *Trichoderma harzianum* strain T-22
- *Trichoderma virens* strain G-41
- Available Sizes: 0.45 kg, 1.36 kg, & 13.6 kg

REI & PHI

- 4-hour REI, 0-day PHI

For use on greenhouse and outdoor nursery ornamentals; greenhouse vegetables and transplants; cannabis produced commercially indoors; turf

SHELF LIFE

Frozen below 0 °C:	12 months
Refrigerated 4.5 °C:	10 months
Room temp 25 °C:	8 months
Above 25 °C:	1 month or less

REGISTRATION NO. 30539

MPS Code: 3887/White



APPLICATION NOTES

DRENCH & IRRIGATION

- Suspend RootShield PLUS⁺ WP in sufficient water with agitation
- Apply as a drench or through irrigation to greenhouse planting mixes and container nursery crops
- Constant agitation in a stock tank is required to maintain suspension
- Can be applied through low pressure watering nozzles, sub-irrigation or other drenching systems
- When using a fertilizer injector to drench, keep the injector pick-up tube screen at least 1-2 inches from the bottom of the tank
- Set the injector at 1:100



APPLICATION RATES

- Soil, potting mix or other growing medium drench: 30-60 g in 100 L of water applied to 10m² of soil/potting mixture surface
- Chemigation: 30-60 g in 100 L of water
- Turf: 45 g / 100 m². Mix the above application rates in a 4 - 20 Litres of water per 100 m².

Tank Mixing: RootShield PLUS⁺ WP can be tank mixed and is compatible with many common fungicides, liquid fertilizers, herbicides, insecticides and biological control products. Consult the RootShield PLUS⁺ WP Compatibility Chart for more information.

TECHNICAL SUPPORT

If you are a commercial grower with a question or if you want to discuss a particular issue, contact us.

Our team is ready to discuss your crop-specific issues or any questions you have about our products. We will provide you with rapid, comprehensive and personalized support.

(800) 877-9443 or expert@bioworksinc.com

THE STRAIN GAME

Not all biological strains are created equal. Strains from the same species can vary greatly in overall effectiveness. RootShield PLUS⁺ *Trichoderma* strains T-22 and G-41 were selected from thousands for their exceptional ability to control a broad spectrum of soil-borne diseases under a wide range of conditions.