



RootShield® PLUS⁺ G

RootShield PLUS⁺ G (granules) 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 (10-36 °C)
- Grows in a wide pH range (pH 4-8)
- Compatible with many chemical and biological inputs
- Performs well in all types of growing media
- Enhances nutrient uptake
- Helps plants resist/overcome abiotic stresses and transplant shock
- 0-hour REI and 0-day PHI



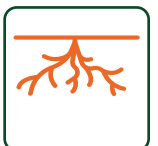
DISEASE CONTROL

RootShield PLUS⁺ G provides preventative control of major root diseases including soilborne *Phytophthora*, *Pythium*, *Fusarium*, and *Rhizoctonia*. Controls disease for up to 10-12 weeks.



HEALTHY ROOTS

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



MULTIPLE MODES OF ACTION

RootShield PLUS⁺ G has dual active ingredients to prevent a greater spectrum of root diseases. Excellent tool for fungicide resistance management.



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: 4.53 kg, 18 kg, & 453 kg

REI & PHI

- No REI, 0-day PHI

SHELF LIFE

Frozen below 0 °C:	14 months
Refrigerated 4.5 °C:	12 months
Room temp 25 °C:	6 months
Above 25 °C:	2 months or less

For use in greenhouse crops, greenhouse vegetable transplants, Cannabis produced commercially indoors and outdoor nursery plants.

This pest control product contains only substances that appear on the Organic Production Systems Permitted Substances Lists and may be suitable for use in organic agriculture; please consult your authorized organic Certification Body for further information.

REGISTRATION NO. 33781 / MPS Code: 3758/White



APPLICATION NOTES

- RootShield PLUS⁺ G is suitable for blending with propagation mix or potting media. For nursery beds, incorporate before planting or broadcast uniformly over soil surface. Water in with sufficient irrigation.
- When disease pressure is high, use the highest rate.
- RootShield PLUS⁺ G is compatible with many soils and soilless media including peat-, bark- and coir-based mixes, as well as substrates used in hydroponic growing.

SHELF LIFE when blended:

Frozen (below 0 °C):	3 months
Refrigerated (below 4.5 °C):	5 months
Room (25 °C):	5 months
Outdoor (above 25 °C):	2 months or less



APPLICATION RATES

BLEND RATES

- General application rate: Blend 600 – 1200 grams/m³ of growing media.
- Indoor or nursery beds: Apply 1.25 – 5 grams/m² to surface of soil/potting mix.
- If you prefer large-volume custom blending with your media, contact your mix company.

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.