

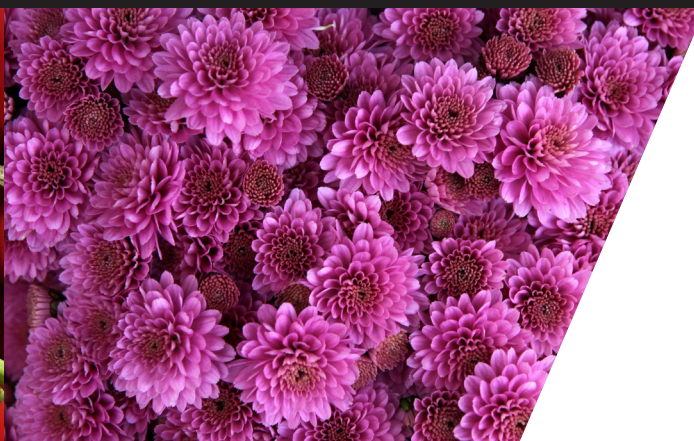
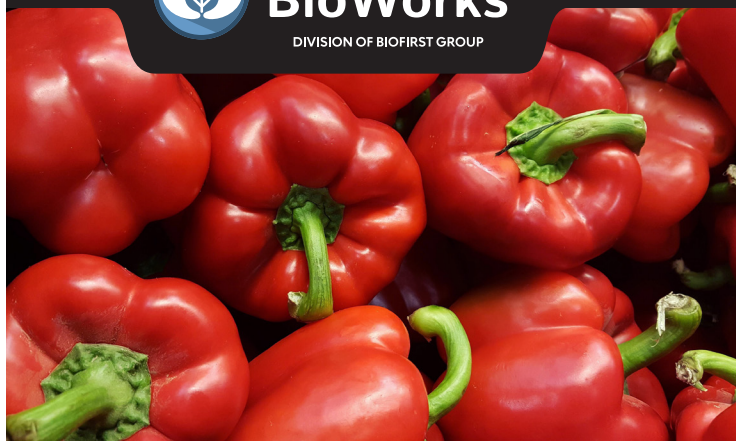


**BioWorks®**

DIVISION OF BIOFIRST GROUP



ABOVE AND BEYOND IS WHERE WE BEGIN



## ROOTSHIELD® PLUS<sup>+</sup> G

CANADA



RootShield PLUS<sup>+</sup> G is more than your typical biofungicide. Featuring a patented combination of *Trichoderma* strains, RootShield PLUS<sup>+</sup> G helps roots grow faster and stronger – enabling your crops to fight off a broader range of diseases under a wider range of conditions.

RootShield PLUS<sup>+</sup> G grows in soils and on roots, shielding them against root damaging fungi, promoting healthier roots and increasing root mass potential. It also provides preventative control of major root rot and damping off diseases, including soilborne *Phytophthora*, *Pythium*, *Fusarium*, and *Rhizoctonia*. RootShield PLUS<sup>+</sup> G also provides partial suppression of *Sclerotinia homoeocarpa* and *Pythium* in turf – controlling disease for 12 weeks. Ideal for resistance management, RootShield PLUS<sup>+</sup> G can be used alone, in a tank mix, or rotated in an IPM program.



ROOTSHIELD PLUS<sup>+</sup> G SHIELDS ROOTS FROM DEADLY PATHOGENS, WHILE IMPROVING SEED GERMINATION, ROOT DEVELOPMENT, AND OVERALL PLANT HEALTH, RESULTING IN HIGHER-QUALITY CROPS.

### ACTIVE INGREDIENTS

*Trichoderma harzianum* T-22 strain and *Trichoderma virens* G-41 strain

### FEATURES AND BENEFITS

- + 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
- + Performs well in all types of growing media Enhances nutrient uptake
- + Helps plants resist/overcome abiotic stresses and transplant shock

### WHERE TO USE

- + Ornamentals in greenhouse and outdoor nursery
- + Greenhouse vegetable transplants
- + Cannabis produced commercially indoors

### ROOTSHIELD PLUS<sup>+</sup> G FORMULATION

RootShield PLUS<sup>+</sup> G is a granular (G) formulation that can be blended with propagation mix or potting media and applied uniformly throughout the greenhouse and on nursery beds.



## ROOTSHIELD *PLUS*<sup>+</sup> G

### PRODUCT INFORMATION

- + Available Sizes: 18 kg, 227 kg & 453 kg
- + Registration No. 33781
- + MPS Code: 3758/White

### REI & PHI

- + No REI, 0-day PHI

### SHELF LIFE WHEN BLENDED

- + 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

### APPLICATION NOTES

- + RootShield *PLUS*<sup>+</sup> 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*<sup>+</sup> G is compatible with many soils and soilless media including peat-, bark- and coir-based mixes, as well as substrates used in hydroponic growing

### APPLICATION RATES

- + General application rate: Blend 600-1200 grams/m<sup>3</sup> of growing media
- + Indoor or nursery beds: Apply 1.25-5 grams/m<sup>2</sup> to surface of soil/potting mix
- + If you prefer large-volume custom blending with your media, contact your mix company

Please refer to product labels for complete application instructions. Always read and follow label directions.

### GOING ABOVE AND BEYOND

At BioWorks, we not only help eradicate harmful diseases and pests that threaten your crops, but we design and support integrated plant health management programs. And because we know how quickly some diseases can work, we respond to any questions you might have in just 48 hours. So you can get back to the business of successful growing.

