



**BioWorks**<sup>®</sup>  
DIVISION OF BIOFIRST GROUP



ABOVE AND BEYOND IS WHERE WE BEGIN



## R.S.S.I. MICROBIAL INNOCULANT (G AND WP)

R.S.S.I. is a soil inoculant designed to supercharge the root zone with beneficial microbes. Available as a wettable powder or granular formulation, it features two proven strains: *Trichoderma harzianum* T-22 and *Trichoderma virens* strain G-41.

When applied as a drench or mixed into soil media, R.S.S.I. works by strengthening the soil's natural microbial community. This boost in microbial activity enhances nutrient availability, cycling and uptake which creates a healthier environment for root development. The result is healthier plants that are better equipped to handle stress while producing higher-quality crops.



INCREASED MICROBIAL ACTIVITY WITH R.S.S.I. BUILDS  
A HEALTHIER ENVIRONMENT FOR STRONGER PLANTS

### ACTIVE INGREDIENTS

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

### FEATURES AND BENEFITS

- + Amplifies beneficial microbial activity in the root zone
- + Enhances nutrient availability for plants
- + Decreases the need for additional fertilizer inputs
- + Promotes stronger and more extensive root systems
- + Helps plants recover from abiotic and transplant shock
- + Compatible with most fertilizers and pesticides

### WHERE TO USE

R.S.S.I. can be used on all types of ornamentals (bedding plants, perennials, foliage plants, woody ornamentals), vegetables (fruiting, root crops), herbs, and forest tree seedlings.



## R.S.S.I. MICROBIAL INOCULANT (G AND WP)

### PRODUCT INFORMATION

- + Available Sizes: WP: 30 lb  
Granules: 40 lb, 500 lb and 1,000 lb bulk bags
- + Registered for use in the USA. Please refer to website for up-to-date state registration information:  
[bioworksinc.com/products/rssi/](http://bioworksinc.com/products/rssi/)

#### SHELF LIFE: WETTABLE POWDER

- + Below 32 °F (0 °C): 2 years
- + Refrigerated 40 °F (4 °C): 2 years
- + 70 - 75 °F (21-24 °C): 2 years

#### SHELF LIFE: GRANULES

- + Below 32 °F (0 °C): 2 years
- + Refrigerated 40 °F (4 °C): 2 years
- + 70 - 75 °F (21-24 °C): 2 years

- + Store in original container under refrigerated conditions. Short periods at room temperatures below 75°F will not affect performance. Keep container tightly closed when not in use.
- + If mixed with water soluble fertilizers in a stock concentrate, use within 4 hours.

### APPLICATION RATES

#### WETTABLE POWDER

- + Drench with any available means (injector, hydraulic sprayer, boom systems, backpack or pump sprayer or watering can)
- + Reapplication interval: Reapply every 10 to 12 weeks

#### GRANULES

- + Apply granules in soil blenders or using a broadcast applicator

### 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.



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