

# TRIANUM SHIELD

## Application Sheet

### ACTIVE INGREDIENT

Trichoderma Harzianum .....	3.75%
Other Ingredients .....	96.25%
Total.....	100%

\*Contains at least  $5.0 \times 10^8$  colony forming units per gram dry weight

## **KEEP AWAY FROM CHILDREN CAUTION**

### GENERAL INFORMATION

TRIANUM-SHIELD Biological Fungicide is a preventative biological fungicide for control of plant diseases. The active ingredient is Trichoderma harzianum Strain, which when applied to seeds, transplants or other propagative material, or to soil or planting mixes, grows onto plant roots as they develop and provides protection against plant root pathogens including Pythium, Rhizoctonia, Fusarium, Cylindrocladium and Thielaviopsis.

TRIANUM-SHIELD Biological Fungicide can be used alone or in conjunction with certain chemical fungicides; consult TRIANUM-SHIELD Biological Fungicide compatibility chart, tank mix compatibility charts below or the company for more information.

This product should not be tank mixed with chemicals that contain the following active ingredients: benzoyl, imazalil, propiconazole, tebuconazole, and triflumizole. Do not apply TRIANUM-SHIELD Biological Fungicide immediately before these pesticides are used. See specific instructions for tank mixing. Where early season seed rot and seedling diseases are expected, use chemically treated seed or other appropriate measures for stand establishment and TRIANUM-SHIELD Biological Fungicide for root disease control.

It grows under a wide temperature range (10°C-34°C), at a pH between 4-10, in many types of growing media, and on the roots of a wide range of plants. Disease suppression is not effective while soils remain cold and is more effective in neutral or acidic soils than in alkaline soils.

TRIANUM-SHIELD Biological Fungicide can be applied to sterilized or fumigated soil but must be applied after sterilization or fumigation. This biological fungicide is for use in soil applications (drench, in soil furrow, potting soil and broadcast), and seed treatments in or on all raw agricultural commodities, food and fiber crops.

For food commodities: Use in chemigation and irrigation systems is limited to greenhouse flood, drip, furrow, micro-irrigation, and ebb and flow applications with NO OVERHEAD SPRAY. See footnotes for specific directions concerning each use pattern.

## DISEASE SUPPRESSION

The beneficial fungus *Trichoderma harzianum* outcompetes plant pathogenic fungi for space and nutrients, colonizing the plant roots ahead of the pathogens. It acts as a mycoparasite by producing enzymes which break down the hyphae of the plant pathogenic fungi.

## DIRECTION FOR USE

### FOR USE ON:

Can apply to most of common crops in greenhouse and outdoor.

**TRIANUM-SHIELD Biological Fungicide contains live spores of a microbe that must be used prior to disease onset.**

- **DO NOT** apply to sugarcane, peachay, rice, mushrooms, kiwi, tobacco, barley, oats, wheat, lemon, apple, and chickpea.
- **DO NOT** apply to aquatic crops.
- **DO NOT** contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.
- **DO NOT** allow effluent or runoff from greenhouses containing this product to enter lakes, streams, ponds or other waters

## PREPARATION OF SUSPENSION

- Suspend 1 volume of TRIANUM SHIELD in 5 volumes of water. Mix thoroughly.
- Add suspension to required amount of water to obtain final drench volume (see below).

- Agitate continuously to maintain an even distribution of TRIANUM SHIELD Biological Fungicide spores, as they can precipitate out.
- Apply the suspension on the day of preparation.

## APPLICATION INSTRUCTION

**TRIANUM SHIELD Biological Fungicide should be used preventatively.** For the best results, always use TRIANUM SHIELD Biological Fungicide from propagation onwards, before occurrence of disease.

Use sufficient suspension to guarantee good penetration of the growing medium, but to maximize spore attachment to the plant roots, avoid run-off and excessive drainage for the first two days following application.

**Specific Directions for Ornamentals:** The large number of existing ornamental species and their varieties and cultivars coupled with the constant introduction of new varieties makes it impossible to field test TRIANUM SHIELD Biological Fungicide in every locale where it is sold or in all the combinations of location and plant varieties. To ensure that TRIANUM SHIELD Biological Fungicide is compatible with the ornamental plant variety or cultivar under your specific conditions, test on a limited scale and observe for phytotoxicity or other unintended side effects for two weeks before making large scale applications.

## APPLICATION INSTRUCTION

CROPS	USE	RATE
<b>Agronomic Row or Other Field Crops:</b> Buckwheat, Beans (soybean, snap, dry), Corn (grain, seed, sweet corn, silage, popcorn, high oil), Cotton, Canola, Peas (dry, succulent), Safflower, Sunflower	Planter Box (on-site) Commercial seed treatment	10.0 oz. / cwt. seed 26.43 lbs. / cwt. seed
<b>Alfalfa Hay and Forage Crops:</b> Alfalfa, Clover, Vetch, Trefoil	Planter Box (on-site) Commercial seed treatment	10 oz. / cwt. seed 26.43 lbs. / cwt. seed

<b>Berries and Small Fruits:</b> Blackberries, Blueberries, Currants, Elderberries, Gooseberries, Huckleberries, Loganberries, Raspberries, Strawberries, Grapes	Cuttings/bare root	5.0 lbs. / 5 gal
	Greenhouse soil drench	32.0 oz. / 100 gal
	Nursery soil drench	32.0 oz. / 100 gal
	In-furrow spray or transplant starter solution	32.0 oz. / acre
	*Greenhouse chemigation	32.0 oz. / 100 gal
<b>Bulb Crops:</b> Garlic, Leeks, Onions, Shallots, Ornamental Bulbs	Dust (pre-plant)	3.0 lbs. / cwt. seed
<b>Citrus Fruits:</b> Citrus, Hybrids, Grapefruit, Kumquat, Limes, Oranges, Pummelos	Cuttings/bare root	5.0 lbs. / 5 gal
	Greenhouse soil drench	32.0 oz. / 100 gal
	Nursery soil drench	32.0 oz. / 100 gal
	In-furrow spray or transplant starter solution	32.0 oz. / acre
	*Greenhouse chemigation	32.0 oz. / 100 gal
<b>Cucurbit Vegetables:</b> Cucumbers, Melons, Gourds Pumpkins, Squash	Planter Box (on-site)	10.0 oz. / cwt. Seed
	Commercial seed treatment	26.43 lbs. / cwt. Seed
	Greenhouse soil drench	32.0 oz. / 100 gal
	In-furrow spray or transplant starter solution	32.0 oz. / acre
	*Greenhouse chemigation	32.0 oz. / 100 gal
<b>Flowers, Bedding Plants, and Ornamentals</b>	Cuttings or bare-roots	5.0 lbs. / 5 gal or dip into dry powder.
	Commercial seed treatment	17.62 lbs. / cwt. Seed
	Greenhouse soil drench	32.0 oz. / 100 gal
	Nursery soil drench	32.0 oz. / 100 gal
	*Greenhouse chemigation	32.0 oz. / 100 gal
<b>Fruiting Vegetables:</b> Eggplant, Sweet and Hot Peppers, Tomatillos, Tomatoes	Commercial seed treatment	26.43 lbs. / cwt. Seed
	Greenhouse soil drench	32.0 oz. / 100 gal
	In-furrow spray or transplant starter solution	32.0 oz. / acre
	*Greenhouse chemigation	32.0 oz. / 100 gal
<b>Herbs, Spices, and Mints</b>	Commercial seed treatment	26.43 lbs. / cwt. Seed
	Greenhouse soil drench starter solution	32.0 oz. / 100 gal
	*Greenhouse chemigation	32.0 oz. / acre
	In-furrow spray or transplant	32.0 oz. / 100 gal

<b>Hydroponic Crops:</b> Cucumbers, Tomatoes, Lettuce, Herbs and Spices	Greenhouse soil drench	32.0 oz. / 100 gal
	*Greenhouse chemigation	32.0 oz. / 100 gal
<b>Leafy Vegetables and Cole Crops:</b> Arugula, Celery, Chervil, Endive, Fennel, Lettuce (head and leaf), Parsley, Radicchio, Rhubarb, Spinach, Swiss Chard, Broccoli, Brussels Sprouts, Cabbage, Cauliflower, Collards, Kale, Kohlrabi, Mustard Greens, Asparagus	Cuttings or bare-roots	5.0 Ibs. / 5 gal or dip into dry powder.
	Commercial seed treatment	26.43 lbs. / cwt. Seed
	In-furrow spray or transplant starter solution	32.0 oz. / 100 gal 32.0 oz. / acre
	Greenhouse soil drench	32.0 oz. / 100 gal
<b>Legume Vegetable and Fields Crops:</b> Snap and Dry Beans, Lentils, Succulent and Dry Peas, Peanuts, Soybeans	Planter Box (Onsite)	10.0 oz. / cwt. Seed
	Commercial seed treatment	3.0 tbsp. / gal
<b>Pome Fruit:</b> Pears, Quince	Greenhouse soil drench	32.0 oz. / 100 gal
	Nursery soil drench starter solution	32.0 oz. / 100 gal
	*Greenhouse chemigation	32.0 oz. / 100 gal
	In-furrow spray or transplant	32.0 oz. / 100 gal
<b>Root Crops:</b> Beets, Sugar beets, Red Beets, Carrots, Celeriac, Chicory, Horseradish, Parsnip, Radish, Rutabaga, Salsify, Turnips	Planter Box (Onsite)	10.0 oz. / cwt. Seed
	Commercial seed treatment	26.43 lbs. /cwt. seed
<b>Shade House and Outdoor Nursery Crops:</b> Deciduous Trees (Maples, Oak, etc.), Ornamentals, Grapes, Citrus, Pine	Cuttings or bare-roots	5.0 lbs. / 5 gal or dip into dry powder.
	Greenhouse soil drench	32.0 oz. / 100 gal
	Nursery soil drench	32.0 oz. / 100 gal
	In-furrow spray or transplant starter solution	32.0 oz. / acre
<b>Small Grains:</b> Rye, Wheat, Sorghum, Millet	Planter Box (Onsite)	10.0 oz. / cwt. Seed
	Commercial seed treatment	26.43 lbs. / cwt. seed

<b>Stone Fruit:</b> Apricots, Cherries, Nectarines, Peaches, Plums, Prunes	Cuttings or bare-roots	5.0 lbs. 15 gal or dip into dry powder.
	Greenhouse soil drench	32.0 oz. / 100 gal
	Nursery soil drench	32.0 oz. / 100 gal
	Cuttings or bare-roots	32.0 oz. / acre
	*Greenhouse chemigation	3.0 tbsps. / gal
	In-furrow spray or transplant	32.0 oz. / 100 gal
<b>Tree Nuts:</b> Almonds, Beech Nuts, Brazil Nuts, Butternuts Cashews, Chestnuts, Filberts, Hickory Nuts, Macadamia Nuts, Pecans, Pistachios, Walnuts	Greenhouse soil drench	32.0 oz. / 100 gal
	Nursery soil drench	32.0 oz. / 100 gal
	In-furrow spray or transplant starter solution	32.0 oz. / acre
	*Greenhouse chemigation	32.0 oz./ 100 gal
<b>Tuber Crops:</b> Potatoes, Sweet Potatoes, Yams, Jerusalem Artichoke, Cassava, Ginger	Planter Box (Onsite)	3.0 oz. / cwt. Seed
	In-furrow spray or transplant starter solution	1.0 - 32.0 oz. / acre

\* Application via greenhouse chemigation is limited to flood, dip, furrow, micro-irrigation, and ebb and flow systems. Do not apply product when above-ground harvestable food commodities are present. Refer to Chemigation section for specific directions.

## SPECIALTY CROPS

Crops	Suppression	Pathogen	APPL Time & Rate
Turf	For the reduction in symptoms due to: dollar spot	Sclerotinia homoeocarpa	<b>Early Spring:</b> Apply twice at a one month interval, at a dose of 30g/100m <sup>2</sup>
	For the reduction in symptoms due to: microdochium patch	Microdochium nivale	<b>Summer and Autumn:</b> Continue applications at dose of 15g/100m <sup>2</sup> on a monthly interval. <b>Final application:</b> 4 weeks before autumn

## DIPS FOR CUTTINGS AND BARE ROOTED TRANSPLANTS

Dip cuttings, bulbs or transplants in a suspension of 1 g of TRIANUM SHIELD Biological Fungicide in 0.5 Liter of water. Plant treated cuttings, bulbs or transplants in potting mix or soil in the usual manner.

## GREENHOUSE SOIL DRENCH

Suspend 2.5 gram TRIANUM SHIELD Biological Fungicide in 1 Liter of water with agitation and apply as a soil drench to greenhouse planting mixes. For seeding flats or shallow (up to 4-inch depth) beds or pots, apply at a rate of 50 - 100 gallons per 800 square feet. For deeper beds or pots, apply at a rate of 100 gallons per 400 square feet, ½ cup (4 fl. ounces) for pots with a 3-inch diameter, or 1 cup (8 fl. ounces) per 6-inch diameter pot.

Apply TRIANUM SHIELD Biological Fungicide through low pressure watering nozzles such as fan nozzles or other drench watering systems applied directly to the soil. Constant agitation is required to maintain TRIANUM SHIELD Biological Fungicide in suspension. TRIANUM SHIELD Biological Fungicide can be tank mixed and is compatible with many commonly used fungicides, liquid fertilizers; herbicides, insecticides and biological control products registered for use on greenhouse/ornamental plants. If tank mixes are desired, observe the most restrictive of labeling limitations and precautions of all products used in mixtures. Consult the tank mix compatibility chart below or the company for more information.

### **NURSERY SOIL DRENCH**

Suspend 2.5 gram TRIANUM SHIELD Biological Fungicide in 1 liter of water with agitation and apply as a soil drench to container nursery crops. For shallow (up to 4-inch depth) beds or pots, apply at a rate of 50 - 100 gallons per 800 square feet. For deeper beds or pots, apply at a rate of 100 gallons per 400 square feet, ½ cup (4 fl. ounces) for pots with a 3-inch diameter, or 1 cup (8 fl. ounces) per 6-inch diameter pot.

Apply TRIANUM SHIELD Biological Fungicide directly to the soil through low pressure watering nozzles such as fan nozzles, or other drench watering systems, handheld sprayers or backpack sprayers. Constant agitation is required to maintain TRIANUM SHIELD Biological Fungicide in suspension. TRIANUM SHIELD Biological Fungicide can be tank mixed and is compatible with many commonly used fungicides, liquid fertilizers, herbicides, insecticides and biological control products registered for use on nursery plants. If tank mixes are desired, observe the most restrictive labeling limitations and precautions of all products used in mixtures. Consult the tank mix compatibility chart below or the company for more information.

### **IN-FURROW SPRAY OR TRANSPLANT STARTER SOLUTION**

Apply as an in-furrow spray or transplant starter solution at a rate of 1.0 - 32.0 ounces/acre in sufficient water to achieve uniform application. Maintain constant agitation. TRIANUM SHIELD Biological Fungicide can be tank mixed with certain fertilizers and pesticides; consult tank mix compatibility chart below for detailed information.

### **TANK MIXING**

TRIANUM SHIELD Biological Fungicide can be tank mixed and is compatible with many commonly used fungicides, liquid fertilizers, herbicides, insecticides and biological control products registered for use on greenhouse/ornamental plants. If

tank mixes are desired, observe the most restrictive of labeling limitations and precautions of all products used in mixtures. Consult the tank mix compatibility chart below or the company for more information.

**This product should not be tank mixed with chemicals that contain the following active ingredients: imazilil, propiconazole, tebuconazole, and triflumizole.**

Do not apply TRIANUM SHIELD Biological Fungicide immediately before these pesticides are used. This product can be mixed with the specific products, their percentages and rates for use in nursery drench, in-furrow spray or transplant starter solution, as listed in the table below in accordance with the most restrictive of label limitations and precautions. Do not exceed label dosage rates. This product can not be mixed with any product containing a label prohibition against such mixing.

### **GREENHOUSE CHEMIGATION**

Suspend 1.0 - 32.0 ounces TRIANUM SHIELD Biological Fungicide in 100 gallons of water with agitation and apply through the following systems: 1) pressurized drench (flood) or drip (trickle) systems, 2) furrow, 3) micro-irrigation such as spaghetti-tube or individual tube irrigation, 4) hand-held calibrated irrigation equipment such as the hand-held wand with injector, and 5) ebb and flow systems. Do not apply this product through any other type of irrigation system.

Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from non-uniform distribution of treated water.

If you have questions about calibration, you should contact State Extension specialists, equipment manufacturers or other experts.

Do not connect an irrigation system, (including greenhouse system), used for pesticide application to a public water system unless the pesticide safety systems for public water systems are in place.

A person knowledgeable of the chemigation system and responsible for its operation, or under supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.

### **GREENHOUSE CHEMIGATION**

Requirements for Chemigation Systems Connected to Public Water Systems:

1. Public water systems means a system for the provision to the public of piped water for human consumption if such a system has at least 15 service connections or regular serves an average of at least 25 individuals daily at least 60 days out of the year.
2. Chemigation systems connected to public water systems must contain a functional, reduced pressure zone, back flow preventer (RPZ) or the functional equivalent in the water supply line upstream from the point of pesticide



introduction. As an option to the RPZ, the water from the public water system should be discharged into a reservoir tank prior to pesticide introduction. There shall be a complete physical break (air gap) between the flow outlet end of the fill pipe and the top or overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe.

3. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
4. The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
5. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops, or in cases where there is no water pump, when the water pressure decreases to the point where pesticide distribution is adversely affected.
6. Systems must use a metering pump, such as a positive displacement injection pump (e.g. diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
7. Do not apply when wind speed favors drift beyond the area intended for treatment.
8. Apply TRIANUM SHIELD Biological Fungicide during the last half of the water application period. Mix TRIANUM SHIELD Biological Fungicide in enough water to be able to draw through the system for the last half of the water application.
9. Apply enough water to move TRIANUM SHIELD Biological Fungicide into the root zone. Amounts will vary depending on soil type and existing moisture level. Avoid applying water volumes that would cause runoff or excessive leaching.

## **Drip (Trickle) Chemigation and Micro-irrigation Requirements**

1. The system must contain a functional check valve, vacuum relief valve and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from back flow.
2. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
3. The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
4. The system must contain functional inter-locking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
5. The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.
6. Systems must use a metering pump, such as a positive displacement injection

pump (e.g., diaphragm pump), effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

7. Apply TRIANUM SHIELD Biological Fungicide during the last half of the water application period. Mix Trianum-P Biological Fungicide in enough water to be able to draw through the system for the last half of the water application.
8. Apply enough water to move TRIANUM SHIELD Biological Fungicide into the root zone. Amounts will vary depending on soil type and existing moisture level. Avoid applying water volumes that would cause runoff or excessive leaching.

## COMPATIBILITY

NOTE: While the information presented in this table is believed to be up to date, the user must always read the label of the other products used in the tank mix to confirm application rates and dilutions.

Fungicides			
Active Ingredients	Compatibility	Active Ingredients	Compatibility
Aluminum tris	✓	Carboxin	✓
Azoxystrobin	✓	Chlorothalonil	✓
Azoxystrobin and Benzobindiflupyr	✓	Chromobacterium subtsugae	✓
Bacillus amyloliquefaciens	X (1 day apart)	Copper sulfate	X (1 day apart)
Bacillus licheniformis	✓	Cyazofamid	✓
Bacillus subtilis	X (1 day apart)	Dicloran	X (1 day apart)
Benomy	X (14 days apart)	Didecyldimethyl ammonium chloride	X (14 days apart)
Boscalid and Pyraclostrobin	✓	Dimethomorph	✓
Captan	X (1 day apart)	Etridiazole and thiophanate-methy	✓
Etridiazole	X (1 day apart)	Fenamidone	✓
Fenarimol	X (1 day apart)	Fludioxonil	✓
Fluopicolide	X (1 day apart)	Flutolanil	X (1 day apart)
Flutriafol	X (14 days apart)	Imazalil	X (14 days apart)
Iprodione	X (1 day apart)	Mancozeb	X (1 day apart)
Maneb	X (1 day apart)	Mefenoxam	✓

Mefenoxam and fludioxonil	✓	Metalaxyl	✗ (1 day apart)
Myclobutanil	✗ (1 day apart)	Oxathiapiprolin and mefenoxam	✓
Oxathiapiprolin	✓	Quintozene	✗
Penthiopyrad	✓	Phosphorus acid	✗ (1 day apart)
Potassium phosphite	✓	Propamocarb hydrochloride	✗ (1 day apart)
Propanil	✗ (1 day apart)	Propiconazole	✗ (14 days apart)
Pydiflumetofen and fludioxonil	✗ (14 days apart)	Pyraclostrobin	✓
Reynoutria sachalinensis extract	✓	Streptomyces griseoviridis	✓ (use within 2 hours)
Streptomyces lydicus	✓	Tebuconazole	✗ (14 days apart)
Thiabendazole	✗	Thiophanate methy	✓
Thiram	✓	Triadimefon	✗ (1 day apart)
Triadimeno	✗ (1 day apart)	Triflumizole	✗ (14 days apart)
Ulocladium oudemansii	✗ (1 day apart)	Vinclozolin	✓

## Bactericides

Active Ingredients	Compatibility
Agrobacterium radiobacter strain K84	✓
Streptomycin sulfate	✓

## Biocides

Active Ingredients	Compatibility
Chlorine dioxide	✗
Didecyldimethyl ammonium chloride	✗
Halogenated heterocyclic	✗
Hydrogen Peroxide/Hydrogen Dioxide	✗
Hydrogen dioxide/ peroxyacetic acid	✗

## Herbicides

Active Ingredients	Compatibility
Glyphosate	<b>X</b>
Napropamide	<b>X</b>
Pendimethalin	<b>X</b>

## Insecticides

Active Ingredients	Compatibility	Active Ingredients	Compatibility
Acephate	<b>X</b> (1 day apart)	Azadirachtin	✓
Bacillus thuringiensis israelensis	<b>X</b> (1 day apart)	Beauveria bassiana	✓
Carbaryl	<b>X</b> (1 day apart)	Chlorpyrifos	<b>X</b> (1 day apart)
Cyantraniliprole	✓	Cyromazine	✓
Diazinon	<b>X</b> (1 day apart)	Dicofol	<b>X</b> (1 day apart)
Dinotefuran	✓	Burkholderia	✓
Imidacloprid	<b>X</b> (1 day apart))	Isaria fumosorosae Apopka	✓
Malathion	<b>X</b> (1 day apart)	Pyrethrins	✓
Soybean Oil and Sodium Lauryl Sulfate	<b>X</b> (14 days apart)	Spirotetramat	✓
Steinernema feltiae	<b>X</b> (1 day apart)	Heterorhabditis bacteriophora	✓
Thiamethoxam	✓	Lactic Acid	✓

## Plant Growth Regulators (PGRs)

Active Ingredients	Compatibility
Ancymidol	<b>X</b> (1 day apart)
Chlormequat chloride	<b>X</b> (1 day apart)
Diaminozide	<b>X</b> (1 day apart)
Flurprimidol	<b>X</b> (1 day apart)
Paclobutrazol	<b>X</b> (1 day apart)

Uniconazole

**X**  
(1 day apart)

## PLANT SAFETY

TRIANUM SHIELD Biological Fungicide has been tested on numerous plant varieties with no phytotoxic effects. However, since TRIANUM SHIELD Biological Fungicide has not been tested on all plant varieties or in combination with all available tank mixes the manufacturer recommends testing TRIANUM SHIELD Biological Fungicide on a small number of plants to check for adverse plant effects before applying to a larger number of plants.

## 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. To the extent permitted by state law, this warranty does not extend to use of this product contrary to label directions or under conditions not reasonably foreseeable by the Seller, and Buyer and User assume the risk of any such use. To the extent permitted by state law, Seller disclaims all other warranties express or implied, including any warranty of fitness or merchantability. To the extent permitted by state law, Seller shall not be liable for consequential, special or indirect damages resulting from use or handling of this product and 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.