T-22™ HC
Biological Fungicide

ACTIVE INGREDIENT:
Trichoderma harzianum Rifai strain T-22* .......................................................... 1.15%

OTHER INGREDIENTS: ..................................................................................... 98.85%

TOTAL: ............................................................................................................ 100.00%

*Contains at least 1.0 x 10

and that involves contact with anything that has been treated, such as plants, soil or water) is
PPE required for early entry to treated areas (that is permitted under the Worker Protection Standard
requirements for training, decontamination, notification, and emergency assistance. It also contains
chemical fungicides; consult the appropriate tank mix compatibility charts below or your
Trichoderma harzianum

Pythium, Rhizoctonia, Fusarium,

see the label on personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 4 hours.

Exception: If the product is soil injected or soil incorporated, the Worker Protection Standard, under
certain circumstances, allows workers to enter the treated area if there will be no contact with
anything that has been treated.

PPE required for early entry to treated areas (that is permitted under the Worker Protection Standard
and that involves contact with anything that has been treated, such as plants, soil or water) is
protective eyewear, coveralls, waterproof gloves, shoes, and socks.

TOTAL: ..................................................................................... 100.00%

Flower Petals

Keep and wash PPE separately from other laundry.

If inhaled
• If person is not breathing, call 911 or an ambulance, then give artificial

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Do not

ENVIRONMENTAL HAZARDS

For terrestrial uses: Do not apply directly to water, or to areas where surface water is present, or to
intertidal areas below the mean high water mark. Do not contaminate water when disposing of
equipment washwaters or rinsate.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Do not

Agricultural Use Requirements

This product must not be tank mixed with chemicals that contain the following active ingredients:
imazalil, propiconazole, tebuconazole, and trifloxystrobin. Do not apply T-22 HC 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 T-22 HC Biological Fungicide for root disease control.

NOTE: T-22 HC Biological Fungicide contains live spores of a microbe that must be used prior to disease
crack. T-22 HC Biological Fungicide becomes active in soil or on plants when temperatures are above
50°F and is not effective while temperatures remain cold. T-22 HC Biological Fungicide can be applied to
sterilized or fumigated soil but MUST BE APPLIED AFTER STERILIZATION OR FUMIGATION.

T-22 HC Biological Fungicide is for use in soil applications (drench and in soil furrow) and seed

treatments.

ATTENTION: DO NOT APPLY to sugarcane, pechay, rice, mushrooms, kiwi, tobacco, barley, oats,
lemon, apple and chickpea. Not for use on aquatic crops.

For food commodities: Do not apply product when above-ground harvestable food commodities
are present.

APPLY VIA GROUND APPLICATION ONLY.

CROPS ON WHICH T-22 HC BIOLOGICAL FUNGICIDE MAY BE USED

<table>
<thead>
<tr>
<th>Crops</th>
<th>Use</th>
<th>Application Rate of T-22 HC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bulb Vegetables</td>
<td>Garlic, Lilies, Strawflowers</td>
<td>Dust (pre-plant) 4.0 – 8.0 oz / cwt seed</td>
</tr>
<tr>
<td>Cereal Grains</td>
<td>Buckwheat, Corn (grain, seed, sweet corn)</td>
<td>Commercial seed treatment 1.5 - 3.0 oz / cwt seed 0.0176 – 0.529 lb / cwt seed</td>
</tr>
<tr>
<td>Cucurbit Vegetables</td>
<td>Cucumbers, Melons (i.e. Chinese waxgourd, Citron melon, Muskmelons, or Watermelon), Gourds, Pumpkin, Squash</td>
<td>Commercial seed treatment In-furrow spray or transplant starter solution 2.0 – 8.0 oz / cwt seed 0.088 – 3.5 lb / cwt seed 16.0 – 32.0 oz / acre</td>
</tr>
<tr>
<td>Fruiting Vegetables</td>
<td>Eggplant, Sweet and Hot Peppers, Tomatillos, Tomatoes</td>
<td>Commercial seed treatment In-furrow spray or transplant starter solution 0.35 – 26.4 lb / cwt seed 16.0 – 32.0 oz / acre</td>
</tr>
<tr>
<td>Herbs</td>
<td>Spices and Mints</td>
<td>Commercial seed treatment In-furrow spray or transplant starter solution 0.35 – 26.4 lb / cwt seed 16.0 – 32.0 oz / acre</td>
</tr>
<tr>
<td>Leafy and Brassica (Cole)</td>
<td>Arugula, Cabbage, Cauliflower, Collard, Kohlrabi, Mustard Greens</td>
<td>Commercial seed treatment In-furrow spray or transplant starter solution 0.35 – 26.4 lb / cwt seed 16.0 – 32.0 oz / acre</td>
</tr>
<tr>
<td>Legume Vegetables</td>
<td>Alalfa, Clover, Vetch, Triticale</td>
<td>Commercial seed treatment 1.5 – 3.0 oz / cwt seed 0.0004 – 0.529 lb / cwt seed</td>
</tr>
<tr>
<td>Nongrass Animal Feeds</td>
<td>Forage, Fodder, Straw, and Hay</td>
<td>Commercial seed treatment 2.0 – 4.0 oz / cwt seed 0.35 – 26.4 lb / cwt seed</td>
</tr>
<tr>
<td>Oilseed Crops</td>
<td>Cotton, Sunflower, Safflower, Swimming</td>
<td>Commercial seed treatment 1.5 – 3.0 oz / cwt seed 0.0176 – 0.529 lb / cwt seed</td>
</tr>
<tr>
<td>Root and Tuber Vegetables</td>
<td>Beets, Sugar Beets, Carrots, Celery, Chicory, Horseradish, Parsnip, Radish, Rutabaga, Saturis, Turnips.</td>
<td>Commercial seed treatment 4.0 – 8.0 oz / cwt seed 0.98 – 3.52 lb / cwt seed</td>
</tr>
</tbody>
</table>
| Potatoes, Sweet Potatoes | Yams, Jerusalem Artichoke, Cassava, Ginger | Commercial seed treatment | Seed Treatment for Vegetatively Propagated Crops (including Potatoes, other Root and Tuber Vegetables, and Sedges)
IN-FURROW SPRAY OR TRANSPLANT STARTER SOLUTION: Apply T-22 HC Biological Fungicide as an in-furrow spray or transplant starter solution at a rate of 16.0 -32.0 ounces /acre in sufficient water to achieve uniform application. Maintain constant agitation. T-22 HC 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 of labeling limitations and precautions of all products used in mixtures. Consult the tank mix compatibility chart below or your BioWorks representative for more information.

TANK MIXING: T-22 HC Biological Fungicide can be tank mixed and is compatible with many commonly used fungicides, liquid fertilizers, herbicides, insecticides and biological control products. 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 your BioWorks representative for more information. This product MUST NOT be tank-mixed with chemicals containing the following active ingredients: imazalil, propiconazole, tebuconazole, and triflumizole. Do not apply T-22 HC Biological Fungicide immediately before these pesticides are used.

In accordance with the most restrictive of label limitations and precautions for all products used in a tank mixture, this product can be mixed with specific products (see table immediately below), their active ingredient percentages and their application rates for use in in-furrow spray or transplant starter solution. Do not exceed label dosage rates. This product cannot be mixed with any product containing a label prohibition against such mixing.

COMPATIBILITY CHART FOR IN-FURROW SPRAY OR TRANSPLANT STARTER SOLUTION TANK MIXES:

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 a tank mix to confirm application rates and dilutions.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>% A.I., Formulation Type</th>
<th>Product Name</th>
<th>Application Rate (Amount of Product / Unit Area)</th>
<th>Dilution (Amount of Product / Amount of Water)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Captain</td>
<td>85%, Wettable powder</td>
<td>Captain 85 WP</td>
<td>1.88 lb/Acre</td>
<td>0.1 oz/gal</td>
</tr>
<tr>
<td>Chlorothalonil</td>
<td>82.5%, Water Dispersible Granules</td>
<td>Daconil Ultra</td>
<td>3.7 oz/1000 sq. ft.</td>
<td>0.56 oz/gal</td>
</tr>
<tr>
<td>Iprodione</td>
<td>23.3%, Fidowable</td>
<td>Chirpco 2019 Fio</td>
<td>4.0 oz/1000 sq. ft.</td>
<td>0.6 oz/gal</td>
</tr>
<tr>
<td>Iprodione</td>
<td>50%, Soluble Granules</td>
<td>Rovral</td>
<td>0.75 lb/acre</td>
<td>0.04 oz/gal</td>
</tr>
<tr>
<td>Thiophanate</td>
<td>50%, Wettable Powder</td>
<td>Cleary’s 3336</td>
<td>8.0 oz/1000 sq. ft.</td>
<td>1.2 oz/gal</td>
</tr>
<tr>
<td>Methsulofene</td>
<td>21.3%, Liquid</td>
<td>Subdue Maxx</td>
<td>0.25 oz/800 sq. ft.</td>
<td>0.05 oz/gal</td>
</tr>
<tr>
<td>Chloropyrifos</td>
<td>50%, Emulsifiable Liquid</td>
<td>Lorsban 4E</td>
<td>3.2 oz/gal</td>
<td>3.2 oz/gal</td>
</tr>
</tbody>
</table>

SEED TREATMENT FOR TRUE SEED CROPS:

ONSITE APPLICATION TO SEED: For protection against root diseases, apply 1.5 - 8.0 ounces of T-22 HC Biological Fungicide/hundredweight of seed. For example, for large, smooth seeds such as soybean or dry bean, and smaller or rougher seeds such as peas and field corn, apply 1.5 - 3.0 ounces of T-22 HC Biological Fungicide/hundredweight of seed. For sweet corn, apply 1.5 - 3.0 ounces of T-22 HC Biological Fungicide/hundredweight of seed. To assure uniform application, add half the required amount of T-22 HC Biological Fungicide to the seed in the hopper, mix with a wooden paddle, and then add the remaining seed and T-22 HC Biological Fungicide. T-22 HC Biological Fungicide can also be applied in sufficient water to coat seeds. For maximum seed protection, especially in cold soils, apply T-22 HC Biological Fungicide to commercially treated seed such as seed treated with Captan, Apron and or Demosan for stand establishment.

COMMERCIAL SEED TREATMENT: Apply T-22 HC Biological Fungicide as a slurry, a coating, in a pellet, or during seed priming. See table below.

Note: This product does not contain dye and is not covered by an appropriate tolerance exemption, or other clearance under the Federal Food, Drug and Cosmetic Act. To comply with 40 CFR 153.155 therefore, all seeds treated commercially with this product must be colored with an EPA-approved dye or colorant of suitable color to prevent accidental use as food for man or feed for animals.

The Federal Seed Act requires that bags containing seed treated with this product shall be labeled with the following information: "This seed has been treated with Trichoderma hamatum Rifai strain T-22. Do not use for food, feed or oil purposes.

AGRICULTURAL CROPS:

<table>
<thead>
<tr>
<th>Seed Size (# seeds/oz.)</th>
<th>Grams of T-22 HC per lb of seed</th>
<th>Ounces of T-22 HC per lb of seed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Large (1-100) such as: peanuts, green &amp; dry beans, field corn</td>
<td>0.0016 – 0.32 g</td>
<td>0.00006 – 0.0113 oz</td>
</tr>
<tr>
<td>Medium (100-1,000) such as: sweet corn, soybeans, sorghum</td>
<td>0.08 — 2.4 g</td>
<td>0.0028 – 0.0847 oz</td>
</tr>
<tr>
<td>Small (1,000 – 10,000) such as: cabbage, cucumbers, sugar beets</td>
<td>0.4 – 16 g</td>
<td>0.0141 – 0.564 oz</td>
</tr>
<tr>
<td>Fine (10,000 – 100,000) such as: tomatoes</td>
<td>1.6 – 120 g</td>
<td>0.0564 – 4.23 oz</td>
</tr>
</tbody>
</table>

PLANT SAFETY: T-22 HC Biological Fungicide has been tested on numerous plant varieties with no phytotoxic effects. However, since T-22 HC Biological Fungicide has not been tested on all plant varieties or in combination with all available products, the manufacturer recommends testing T-22 HC Biological Fungicide on a small number of plants to check for adverse plant effects before applying to a larger number of plants.