**Keep Out of Reach of Children**

**CAUTION**

**READ ALL DIRECTIONS BEFORE USING**

**PRECAUTIONARY STATEMENTS**

**Hazard to Humans and Domestic Animals**

Harmful if swallowed. Thoroughly wash with soap and water after handling.

**First Aid**

If Swallowed: Immediately call a poison control center or doctor for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

Have the product container or label with you when calling a poison control center or doctor. Do not give anything by mouth to an unconscious person. Do not induce vomiting unless told to by a poison control center or doctor. Do not eat or drink anything by mouth to an unconscious person.

**Personal Protective Equipment (PPE)**

Applicators and other handlers must wear: Long-sleeved shirt and long pants, waterproof gloves, shoes plus socks and a NIOSH-approved respirator with any N, P, R or HE filter. Follow manufacturer’s instructions for cleaning/maintaining PPE. If no such instructions for washables are provided, use detergent and hot water. Keep and wash PPE separately from other laundry.

**User Safety Recommendations**

Users should: Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Immediately remove clothing if pesticide gets inside; then thoroughly wash and put on clean clothing. Remove personal protection equipment immediately after handling this product. If gloves are worn, wash the outside of gloves before removing. As soon as possible, thoroughly wash and change into clean clothing.

**Emergency Information**

For spill, leak, fire, exposure or accident call CHEMTREC at 1-800-424-9300.

**Environmental Hazards**

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

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**Not for Sale or Use After**

Net Contents: 3.5 ounces (100 grams)

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**PRODUCT INFORMATION**

**PRESTOP controls seed-borne and soil-borne plant diseases such as damping-off, root and stem rot, and wilt caused by Alternaria, Cladosporium, Fusarium, Penicillium, Phytophthora, Pythium, Rhizoctonia and Verticillium, certain storage diseases caused by Helminthosporium and Rhizoctonia, as well as certain foliar diseases caused by Botrytis and Didymella on greenhouse or field grown vegetables, herbs, ornamentals, tree and forest seedlings and turf.**

Use PRESTOP on the following greenhouse or field-grown vegetables, herbs, spices, ornamentals, trees and shrubs grown in greenhouses or outdoors:
VEGETABLES
Including Fruiting, Leafy, Root Crop and Seed/Pod Vegetables
such as:
Artichokes  Cucumbers  Parsnips
Asparagus* Eggplant  Peas
Beans  Endive*  Peppers
Beets  Garlic  Potatoes
Broccoli*  Horseradish  Pumpkins
Brussels Sprouts*  Kale*  Radishes
Cabbage* Kohlrabi  Rutabagas
Carrots  Leeks*  Spinach*
Cauliflower*  Lantils  Squash
Celery*  Lettuce*  Strawberries
Chicory*  Melons  Tomatos
Chinese Cabbage*  New Zealand Spinach*  Turnips
Corn  Onions  Watermelons

*Apply PRESTOP only as an aqueous suspension incorporated or drenched into the growth substrate.

HERBS AND SPICES
Apply PRESTOP only as an aqueous suspension incorporated or drenched into the growth substrate.
Aniseed  Fennel  Rosemary
Basil  Lavender  Sage
Caraway  Marjoram  Savory
Chives  Oregano  Thyme
Dill  Parsley  Watercress

ORNAMENTALS
Including Flowers, Foliage and Potted, Bedding and Seeding Plants such as:
Achillea  Delphinium  Monarda
African Violet  Dianthus  Nigella
Ageratum  Dicentra  Pansey
Alyssum  Freesia  Pelargonium
Amaryllis  Fuchsia  Petunias
Anemone  Gaillardia  Phlox
Anthurium  Gazania  Poinsietta
Aster  Geraniums  Poppy
Azalea  Gerbera  Primrose
Begonias  Gladiolus  Rhododendron
Calceolaria  Gloxinia  Rose
Campanula  Gypsophila  Rudbeckia
Carnation  Hedera  Salvia
Centaurea  Hyacinth  Senecio
Cerastium  Impatiens  Sinningia
Chrysanthemum  Iris  Statice
Cineraria  Kalanchoe  Sweet Pea
Coleus  Liatris  Tulips
Cyclamen  Lilies  Verbena
Daffodils  Lobelia  Vinca
Dahlia  Marigolds  Zinnia
Daisy  Matthiola

TREES AND SHRUB SEEDLINGS
Birch  Juniper  Spruce
Forest Trees  Pine  Vine Crops
Fruit Trees  Shrubs  Woody Ornamentals

OTHERS
Home Ornamentals (grown indoors or outdoors)

PREPARING AN AQUEOUS SUSPENSION OF PRESTOP
To prepare an aqueous suspension of PRESTOP, mix product in a small volume of water such as 1/2 gallon (3.5 oz. of PRESTOP per 1/2 gallon of water). Agitate sufficiently to evenly disperse product before diluting to final volume. Apply the aqueous suspension as a drench or spray or via drip irrigation or incorporation in potting media. Use the aqueous suspension within 1 day of preparation. Examples of mixing ratios of PRESTOP with water are as follows:

<table>
<thead>
<tr>
<th>Concentration</th>
<th>Ounces of PRESTOP</th>
<th>Gallons of Water</th>
<th>Grams of PRESTOP</th>
<th>Liters of Water</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.1%</td>
<td>25</td>
<td>5</td>
<td>100 grams</td>
<td>100 liters</td>
</tr>
<tr>
<td>0.5%</td>
<td>3.5 oz.</td>
<td>2.5</td>
<td>100 grams</td>
<td>20 liters</td>
</tr>
<tr>
<td>1.0%</td>
<td></td>
<td></td>
<td>100 grams</td>
<td>10 liters</td>
</tr>
<tr>
<td>2.5%</td>
<td></td>
<td></td>
<td></td>
<td>4 liters</td>
</tr>
</tbody>
</table>

INCORPORATION IN POTTING MEDIA
Incorporation of PRESTOP in potting media is recommended for vegetables, herbs, ornamentals and tree or forest seedlings grown in greenhouses or indoors. Mix PRESTOP in potting mixture at sowing, potting or transplanting as an aqueous suspension at the rate of 3.5 oz. of PRESTOP per 1/2 cubic yard of growth substrate (i.e. 0.26 – 0.52 grams of PRESTOP per 1 liter of growth substrate).

When incorporating PRESTOP as an aqueous suspension, mix 3.5 oz. of product per 1 gallon of water (2.5% suspension). Use 2 - 4 gallons of 2.5% PRESTOP suspension per cubic yard of growth substrate (i.e. 0.26 – 0.52 grams of PRESTOP per liter of growth substrate).

Use the higher rate for higher disease pressure. It is important to evenly incorporate PRESTOP to assure best performance. Store potting media containing PRESTOP below 77°F (25°C) and use within 3 weeks after preparation. Incorporation of PRESTOP may be followed with a drench application within 3 – 6 weeks as described below under soil drench applications.

SOIL DRENCH APPLICATIONS
Use a 0.1 - 1.0% PRESTOP suspension (1.4-3.5 oz. of PRESTOP per 2.5 gallons of water) for soil drench applications. Refer to the above table for mixing ratios.

Treat only the growth substrate when above-ground harvestable food commodities are present.

Seeding Trays or Beds less than 4 inches deep (Recommended Rate per Area): Drench seeding trays or beds with PRESTOP at the rate of 3.5 oz. of PRESTOP/100 sq. ft. (10 g/m²). Use a 0.5% PRESTOP suspension at 5 - 10 gal/100 sq. ft. Use the higher rate for higher crop density or higher disease pressure. For example, use 3.5 oz. of PRESTOP/5 gallons of water/50 sq. ft.

Pots, Plugs or Rockwool Cubes (Recommended Rate per 100 Plants): Drench crops grown in pots or rockwool cubes with PRESTOP using a 0.1 – 1.0% suspension. Dose rate depends upon the root plug/ball size and disease pressure. Use the higher rate for bigger root volume and higher disease pressure. Calculate the amount of PRESTOP per plant based on the following recommendation: 3.5 oz. of PRESTOP per 1/2 cubic yard of growth substrate. Refer to the following table for application rates on different pot or root plug sizes:

<table>
<thead>
<tr>
<th>Pot Size (Root Volume)</th>
<th>Fluid Ounces/100 Plants</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0.1% Suspension</td>
</tr>
<tr>
<td>0.5 fl. oz. (15 ml)</td>
<td>18 - 24</td>
</tr>
<tr>
<td>2.0 fl. oz. (60 ml)</td>
<td>56 - 92</td>
</tr>
<tr>
<td>4.0 fl. oz. (120 ml)</td>
<td>120 - 200</td>
</tr>
<tr>
<td>10 fl. oz. (295 ml)</td>
<td>300 - 500</td>
</tr>
<tr>
<td>1 pint (473 ml)</td>
<td>480 - 800</td>
</tr>
<tr>
<td>4 pints (1.9 l)</td>
<td>1900 - 3200</td>
</tr>
</tbody>
</table>

Timing of Treatments: Apply the first drench treatment at sowing. Repeat treatment at transplanting or potting.

FOLIAR SPRAY
Spray or spread an aqueous suspension of PRESTOP on plant stems or foliar parts for control of Didymella or Botrytis. Use a water suspension of 3.5 oz. PRESTOP per 5 gallons water (0.5% suspension). Treat plants to the point of run-off using a rate of 0.5 gal. of 0.5% PRESTOP suspension per 100 sq. ft. (equivalent to 1 gram of PRESTOP per square meter). Repeat foliar spray every 3 – 6 weeks if necessary. Apply only when no above-ground harvestable food commodities are present.
TREATMENT OF CUTTINGS, BULBS OR TUBERS
Dip rooted cuttings in a suspension of 1 oz. PRESTOP in one gallon of water (0.75% suspension) or spray with the suspension after planting. Dip or spray bulbs and tubers with a 0.75% PRESTOP suspension before planting or storage.

DRIP IRRIGATION – CHEMIGATION

General
1. Apply PRESTOP only through drip irrigation system(s). Do not apply PRESTOP through any other type of irrigation system.
2. A pesticide supply tank is recommended. Continuous agitation of PRESTOP in the supply tank is required. Begin application of PRESTOP during the beginning of irrigation.

For Vegetable and Ornamental Crops
- On an area basis, use PRESTOP at 0.8–1.6 oz./100 sq. ft. (25 – 50 g/10 sq. meters).
- On an individual plant basis, use PRESTOP at 2.2 oz. per 250 plants.
- Use higher rate and more frequent application for large plants and pots, and for high disease pressure.
- Apply in sufficient amount of water to move into root zone. Repeat every 3 – 6 weeks as needed for disease control.
3. Crop injury, lack of effectiveness or illegal pesticide residues in the crop can result from nonuniform distribution of treated water.
4. If you have any questions about calibration, you should contact State Extension Service specialists, equipment manufacturers or other experts.
5. A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of a responsible person, shall shut the system down and make necessary adjustments should the need arise.

Special Instructions for Use of Public Water Sources
1. Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the pesticide label-prescribed safety devices from public water systems are in place.
2. Public water system means a system for the provision to the public of piped water for human consumption if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days out of the year.
3. Chemigation systems connected to public water systems must contain a functional, reduced-pressure zone, backflow 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 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.
4. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
5. The pesticide injection pipeline must 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.
6. 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.
7. 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.

Special Instructions for Drip Irrigation (Chemigation) Systems
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 backflow.
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 a functional interlocking control 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.

STORAGE AND DISPOSAL
Do not contaminate water, food or feed by storage or disposal. Pesticide Storage: PRESTOP consists of living microbes that are packed in unit packages. Store unopened packages up to 6 months in a cool (below 46ºF, 8ºC), dry place and up to 2 weeks at room temperature (maximum 77ºF, 25ºC). Immediately use the entire package’s content after opening. Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Container Disposal: Non-refillable container; do not reuse or refill this container. Completely empty bag into application equipment, then offer for recycling, if available; otherwise, discard in trash.

NOTICE TO USER
Verdera Oy warrants only that this product conforms to the product description on this label and is reasonably fit for the purposes set forth in the Directions for Use when used in accordance with them. However, ineffectiveness or other unintended consequences may result because of such factors as the use, storage or handling of the product contrary to the label instructions, all of which are beyond the control of Verdera Oy. To the extent permitted by state law, Verdera Oy shall not be liable for indirect or consequential damages resulting from the use, storage or handling of this product. VERDERA OY MAKES NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.