Phoenix Dovetail prevents and controls fungal diseases on ornamental plants grown in containers, fields or greenhouses, as well as fungal turf diseases on greens, fairways, trees and similar turf sites. This product may be applied to ornamentals by chemigation or ground spray equipment, and to turf sites using ground spray equipment.

For use by individuals/firms licensed or registered by the state to apply ornamental or turf pest control products. This product is NOT for residential/homeowner use.

ACTIVE INGREDIENTS:
Thiophanate-methyl: Dimethyl [(1,2-phenylene)bis(minocarbonothioyl)] bis(carbamate)* 19.65%
Iprodione: 3-(3,5-dichlorophenyl)-N-(1-methylethyl)-2,4-dioxo-1-imidazolidinedicarboxamide** 19.65%

OTHER INGREDIENTS: 60.70%
TOTAL: 100.00%

* Equivalent to 1.87 pounds Thiophanate-methyl per gallon.
** Equivalent to 1.87 pounds Iprodione per gallon.

KEEP OUT OF REACH OF CHILDREN

CAUTION

FIRST AID
If in eyes:
• Hold eye open and rinse slowly and gently with water for 15-20 minutes.
• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
• Call a poison control center or doctor for treatment advice.

If swallowed:
• Call a poison control center or doctor immediately for treatment advice.
• Have person sip a glass of water if able to swallow.
• Do not induce vomiting unless told to do so by the poison control center or doctor.
• Do not give anything by mouth to an unconscious person.

HOT LINE NUMBER
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For medical emergency, call the Rocky Mountain Poison Control Center at 1-866-673-6671.

FOR CHEMICAL EMERGENCY: Spill, leak, fire, exposure, or accident, call CHEMTREC 1-800-424-9300.

United Phosphorus, Inc.
630 Freedom Business Center, Suite 402
King of Prussia, PA 19406 • 1-800-438-6071

EPA Reg. No. 70506-261
PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed. Causes moderate eye irritation. Avoid contact with eyes or clothing. Remove and wash contaminated clothing before reuse.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category C on an EPA chemical-resistance category selection chart.

Mixers, loaders, others exposed to the concentrate and cleaners/reparers of equipment must wear:
- Long-sleeve shirt and long pants,
- Chemical-resistant gloves,
- Chemical-resistant apron and,
- Chemical-resistant footwear plus socks.

Applicators using handheld equipment must wear:
- Coveralls over long-sleeve shirt and long pants,
- Chemical-resistant gloves,
- Chemical-resistant footwear plus socks,
- Chemical-resistant headgear for overhead exposures and,
- Dust-mist filtering respirator (NIOSH-approved respirator with any R, P or HE filtered).

Applicators using mechanical ground equipment must wear:
- Long-sleeved shirt and long pants,
- Shoes plus socks.

Applicators using truck-mounted equipment with a handgun at the end of the hose (i.e., for commercial turfgrass or ornamental applications) and all the other handlers not specified above must wear:
- Long-sleeved shirt and long pants and shoes plus socks,
- Chemical-resistant gloves.

Follow the manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

USER SAFETY RECOMMENDATIONS

Users should:
- Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE Immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This chemical can contaminate surface waters through aerial and ground spray applications. Under some conditions, it may also have a high potential for runoff into surface water after application. These include poorly draining or wet soils with readily visible slopes toward adjacent surface waters, frequently flooded areas, areas overlaying extremely shallow ground water, areas with in-field canals or ditches that drain to surface water, areas not separated from adjacent surface waters with vegetated filter strips and areas overlaying tile drainage systems that drain to surface water.

This product is toxic to invertebrates. Do not apply directly to water, to or areas where surface water is present or to intertidal areas below the mean high water mark. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Cover, incorporate or clean up spills. Do not contaminate water when disposing of equipment washwater 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 apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the Agency responsible for pesticide regulation.

If applying this product adjacent to a water body such as a lake, reservoir, river, permanent stream, marsh or natural pond, estuary, or commercial fish pond, there must be at least a 25-foot vegetative buffer strip between the water body and the point of application. Do not apply this product when the wind direction is toward aquatic area.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about 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 24 hours.

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:
- Coveralls,
- Chemical-resistant gloves (such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, polyvinyl chloride, or vitlon),
- Dust/mist respirator,
- Shoes plus socks.

Notify workers of the application by warning them orally and by posting warning signs at entrances to treated areas.
### Recommended Turf Application Rates

<table>
<thead>
<tr>
<th>Use Site</th>
<th>Disease Pressure</th>
<th>Single Application Rate (ft. oz. product/1,000 sq. ft.)</th>
<th>Maximum Seasonal Application Rate (ft. oz. product/1,000 sq. ft.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Non-Residential Turf</td>
<td>Light</td>
<td>1.0-2.0</td>
<td>16.0</td>
</tr>
<tr>
<td></td>
<td>Medium</td>
<td>2.0-3.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Heavy</td>
<td>3.0-4.0</td>
<td></td>
</tr>
<tr>
<td>Golf Courses-Tees/Greens/Apronns</td>
<td>Light</td>
<td>1.0-2.0</td>
<td>24.0</td>
</tr>
<tr>
<td></td>
<td>Medium</td>
<td>2.0-3.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Heavy</td>
<td>3.0-4.0</td>
<td></td>
</tr>
<tr>
<td>Golf Courses-Falseways (except Florida)</td>
<td>Light</td>
<td>1.0-2.0</td>
<td>8.0</td>
</tr>
<tr>
<td>(except Florida)</td>
<td>Medium</td>
<td>2.0-3.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Heavy</td>
<td>3.0-4.0</td>
<td></td>
</tr>
<tr>
<td>Golf Courses-Falseways (Florida only and only during overseeding)</td>
<td>Light</td>
<td>1.0-2.0</td>
<td>4.0</td>
</tr>
<tr>
<td></td>
<td>Medium</td>
<td>2.0-3.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Heavy</td>
<td>3.0-4.0</td>
<td></td>
</tr>
</tbody>
</table>

### Ornamental Applications

Do not apply to home orchards/fruit trees after fruit set.

Phoenix Dovetail will control fungal diseases on the following ornamentals:

- Ageratum
- Ajuga
- Almond-Ornamental
- Alyssum
- Andromeda
- Aphelandra
- Artemisia
- Aster
- Azalea
- Boxwood
- Cactus
- Calendula
- Carnation

Phoenix Dovetail will control fungal diseases on the following ornamentals:

- Cherry-Ornamental
- Chrysanthemum
- Chinarla
- Coleus
- Dianthus
- Dieffenbachia
- Dizygothea
- Dogwood
- Dracena
- English Ivy
- Epigme
- Euonymus
- Ficus

Do not apply to home orchards/fruit trees after fruit set.

Phoenix Dovetail will control fungal diseases on the following ornamentals:

- Forsythia
- Gazania
- Geranium
- Gladiolus
- Gloxinia
- Gyrophila
- Hawthorn
- Holly
- Peach-Ornamental
- Peperomia
- Periwinkle
- Petunia
- Philodendron

1. Do not use Phoenix Dovetail as a drench on Impatien, petunia or pothos.
2. Residue may be noticeable on foliage if plants are treated prior to sale when in bloom.
3. On chrysanthemums, do not make repeat applications at high drench rates.

**NOTE:** DO NOT use Phoenix Dovetail on *Spathiphyllum* or New Guinea Impatien.

Do not apply to home orchards/fruit trees after fruit set.

Phoenix Dovetail will control fungal diseases on the following ornamentals:

- Delphinium
- Deutzia
- Hoya
- Hydrangea
- Impatiens
- Iris
- Juniper
- Kalanchoe
- Lilies

Phoenix Dovetail will control fungal diseases on the following ornamentals:

- Lipstick killed (Aeschynanthus)
- Marigold
- Monarda (Bee Balm)
- Palm
- Pansy
- Rhododendron
- Rose
- Rose Tree of China

1. Do not use Phoenix Dovetail as a drench on Impatien, petunia or pothos.
2. Residue may be noticeable on foliage if plants are treated prior to sale when in bloom.
3. On chrysanthemums, do not make repeat applications at high drench rates.

**NOTE:** DO NOT use Phoenix Dovetail on *Spathiphyllum* or New Guinea Impatien.
**ORNAMENTAL APPLICATIONS (Continued)**

Apply Phoenix Dovetail by ground spray or chemigation only to control the following diseases:

**Foliar Applications**

<table>
<thead>
<tr>
<th>Disease</th>
<th>Fungicide</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aerial web blight</td>
<td>Botrytis gray mold</td>
</tr>
<tr>
<td>Alternaria leaf blight</td>
<td>Cercospora leaf spot</td>
</tr>
<tr>
<td>Anthracnose</td>
<td>Corynespora leaf spot</td>
</tr>
<tr>
<td>Ascochyta blight</td>
<td>Cylindrocladium 1</td>
</tr>
<tr>
<td>Black Spot*</td>
<td>Didymellina leaf spot</td>
</tr>
<tr>
<td>Botrytis blight</td>
<td>Diplodia tip blight</td>
</tr>
<tr>
<td>Entomosporium leaf spot</td>
<td>Powdery mildew</td>
</tr>
<tr>
<td>Fusarium leaf spot</td>
<td>Ramularia leaf spot</td>
</tr>
<tr>
<td>Helminthosporium leaf spot</td>
<td>Ink spot</td>
</tr>
<tr>
<td>Helminthosporium leaf spot</td>
<td>Oxylinia</td>
</tr>
<tr>
<td>Phomopsis blight</td>
<td>Scab</td>
</tr>
<tr>
<td>Septoria leaf spot</td>
<td></td>
</tr>
</tbody>
</table>

* Not effective on Cylindrocladium spathiphylly.

**Drench Applications (after transplant)**

<table>
<thead>
<tr>
<th>Disease</th>
<th>Fungicide</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alternaria leaf blight</td>
<td>Fusarium root rot</td>
</tr>
<tr>
<td>Botrytis blight</td>
<td>Fusarium stem rot</td>
</tr>
<tr>
<td>Cylindrocladium rot</td>
<td>Ink spot</td>
</tr>
<tr>
<td>Fusarium crown rot</td>
<td>Rhizoctonia root rot</td>
</tr>
<tr>
<td>Sclerotinia stem, crown and root rot</td>
<td>Thielaviopsis rot</td>
</tr>
</tbody>
</table>

**Preparation**

Mix 17-34 fl. oz. of Phoenix Dovetail with 100 gallons of water. Use the lower rates listed for disease prevention or when pest pressure is low. When pest pressures are moderate to high apply using the higher range of the rates listed.

**Application**

*Foliar spray:*

When conditions are favorable for disease development, apply to foliage just to the point of runoff. Make repeat applications every 10-14 days as necessary while conditions remain favorable for disease development.

DO NOT apply more than 182 fl. oz. of Phoenix Dovetail per acre in a single application.

*Drench:*

After transplant into propagation beds or containers, apply 1-2 pints of mix per square foot. To maintain control, make repeat applications every 2-4 weeks as necessary while conditions remain favorable for disease development.

DO NOT apply more than 1,536 fl. oz. (12 gallons) of Phoenix Dovetail per acre in a single application.

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**STORAGE AND DISPOSAL**

Do not contaminate water, food or feed by storage or disposal.

**PESTICIDE STORAGE:** Store in a cool, clean, dry place. Do not store at temperatures exceeding 120°F or at temperatures below 32°F.

**PESTICIDE DISPOSAL:** Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinse is a violation of Federal Law. If these wastes cannot be disposed of according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**CONTAINER DISPOSAL:** Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinses as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinse into application equipment or a mix tank or store rinse for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling, if available or reconditioning or puncture and dispose of in a sanitary landfill, or incinerate or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

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**IMPORTANT INFORMATION**

**READ BEFORE USING PRODUCT**

**CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY**

**NOTICE:** Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product reflect the opinion of experts based on field use and tests, and must be followed carefully. It is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of United Phosphorus, Inc. or Seller. Handling, storage, and use of this product by Buyer or User are beyond the control of United Phosphorus, Inc. and Seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold United Phosphorus, Inc. and Seller harmless for any claims relating to such factors.

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