

70506-291

5/15/2012

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

May 15, 2012

United Phosphorus, Inc.  
630 Freedom Business Center, Suite 402  
King of Prussia, PA 19406  
Attn: Sherry Hutcheson

Subject: Notification to show Alternate Brand Name.  
Product Name: Jetphiter  
Alternate Brand Name: Phoenix Jetphiter  
EPA Reg. No: 70506-291  
Your Submission Dated April 30, 2012

Dear Ms: Hutcheson:

The Biopesticides and Pollution Prevention Division is in receipt of your application for Notification under Pesticide Registration Notice (PRN) 98-10 dated above. A screen of this request has been conducted for its applicability under PRN 98-10, and it has been determined that the action(s) requested falls within the scope of this Notice. Our records have been duly noted, and the label submitted with this application has been stamped "Notification Accepted" and will be placed accordingly in our records.

Three (3) copies of final printed labeling must be submitted to the Agency before your product as modified, may be sold or distributed [PR Notice 82-2 and 40 CFR 156.10(a) (6)].

If you have any questions regarding this action, you may contact Mr. Sylvester George at (703) 603-0688 or via e-mail at [george.sylvester@epa.gov](mailto:george.sylvester@epa.gov).

Sincerely,

*Linda A. Hollis*

Linda A. Hollis, Chief  
Biochemical Pesticide Branch  
Biopesticides and Pollution  
Prevention Division (7511P)

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**EPA**

United States  
**Environmental Protection Agency**  
 Washington, DC 20460

☐ Registration  
☐ Amendment  
☒ **Other: Notification**

OPP Identifier Number

**Application for Pesticide - Section I**

1. Company/Product Number 70506-291	2. EPA Product Manager Linda Hollis	3. Proposed Classification  <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Jetphiter	PM#	
5. Name and Address of Applicant (Include ZIP Code) <b>United Phosphorus, Inc.</b> <b>630 Freedom Business Center, Suite 402</b> <b>King of Prussia, PA 19406</b>  <input type="checkbox"/> Check if this is a new address	6. <b>Expedited Review.</b> In accordance with FIFRA Section 3(c)(3) (b)(I), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____ <b>Notification Accepted</b> Date: <u>5/15/2012</u> Reviewer: <u>Schuster George</u>	

**Section - II**

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below

**Explanation:** Use additional page(s) if necessary. (For Section I and Section II.)

Notification of Alternate Brand Name.

This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under Sections 12 and 14 of FIFRA.

**Section - III**

1. Material This Product Will Be Packaged In:

Child-Resistant Packaging <input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Type of Container <input type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify)
*Certification must be submitted		If "Yes" Unit Packaging wgt. No. per container	If "Yes" Package wgt. No. per container

3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container	4. Size(s) Retail Container 2.5 gallons, 7.5 gallons	5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On labeling accompanying product
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6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input checked="" type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled	<input type="checkbox"/> Other _____
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**Section - IV**

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application)

Name Sherry Hutcheson	Title Regulatory Affairs Manager	Telephone No. (Include Area Code) 229-247-9041
<b>Certification</b> I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped)
2. Signature 	3. Title Regulatory Affairs Manager	
4. Typed Name Sherry Hutcheson	5. Date 04/30/2012	

**UPI****United Phosphorus, Inc.**

630 Freedom Business Center, Suite 402  
King of Prussia, PA 19406

Sherry Hutcheson  
Regulatory Affairs Manager

(229) 247-9041 (phone)  
(229) 241-9699 (fax)

April 30, 2012

Linda Hollis  
Document Processing Desk (NOTIF)  
Office of Pesticide Programs (7504P)  
U.S. Environmental Protection Agency  
Ariel Rios Building  
1200 Pennsylvania Ave., N.W.  
Washington, DC 20460

**RE: Alternate Brand Name Notification for Jetphiter (EPA Reg. No. 70506-291)**

Dear Ms. Hollis,

United Phosphorus, Inc., is providing a notification to the Agency which addresses the following updates to the label.

- Notification of the Alternate Brand Name to Phoenix Jetphiter.

In addition to this letter the following are enclosed:

- EPA application form, 8570-1,
- One copy of the label clearly marked to show the proposed changes,
- Two clean copies of the proposed label.
- One CD with the proposed label.
- Certification of Label Integrity Form

If you have any questions, please feel free to contact me at 229-247-9041 or [sherry.hutcheson@uniphos.com](mailto:sherry.hutcheson@uniphos.com)

Thank you for your kind attention to this matter.

Best regards,

Sherry B. Hutcheson  
Regulatory Affairs Manager

## Phoenix Jetphiter Fungicide

A systemic fungicide for the suppression and control of phytophthora, pythium and downy mildew

**Active Ingredient:**

Mono-and di-potassium salts of Phosphorus Acid\* .....45.5%  
Other Ingredients:..... 54.5%  
Total:.....100.0%

\*Contains 5.41 lbs./gallon of the active ingredients of Mono- and Di-Potassium salts of Phosphorus Acid.

\*Equivalent to 3.38 lbs./gallon Phosphorus Acid.

### KEEP OUT OF THE REACH OF CHILDREN CAUTION

FIRST AID	
IF IN EYES	<ul style="list-style-type: none"><li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li><li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
IF ON SKIN OR CLOTHING	<ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
<b>Hotline Number</b>	
Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact the Rocky Mountain Poison Control at 1-866-673-6671 for emergency medical treatment information. For Chemical Emergency: Spill, leak, fire, exposure, or accident, call CHEMTREC 1-800-424-9300.	

NET CONTENTS:      2.5 gallons  
                                 7.5 gallons

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

EPA Reg. No. 70506-291  
EPA Est. No. \_\_\_\_\_

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## **PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION.** Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Harmful if absorbed through skin.

Wash thoroughly with soap and water after handling and before eating, drinking chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse. Wear the appropriate Personal Protective Equipment (PPE).

### **PERSONAL PROTECTIVE EQUIPMENT (PPE)**

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants,
- Waterproof gloves,
- Shoes plus socks,
- Protective eyewear.

Follow 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.

### **USER SAFETY RECOMMENDATIONS**

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing/PPE 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**

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 washwater or rinsate.

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

### **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 are allowed to be in the area during application. For any requirements specific to your State or Tribe, consult the State or Tribal agency responsible for pesticide regulation.

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### **AGRICULTURAL USE REQUIREMENTS**

Use this product only in accordance with its labeling and with the Worker Protection Standard (WPS), 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, notifications and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipments (PPE), and restricted entry interval (REI). The requirements in this box only apply to uses of this product that are covered by the WPS.

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

For early entry to treated areas that is permitted under the WPS and that involves contact with anything that has been treated, such as plants, soil, or water, wear coveralls, waterproof gloves, shoes and socks and protective eyewear.

### **NON-AGRICULTURAL USE REQUIREMENTS**

The requirements of this box apply to uses of the product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Do not enter treated areas without protective clothing until sprays have dried.

### **CHEMIGATION**

Apply this product only through the following types of systems: Sprinkler including center pivot, lateral move, end tow, side (wheel) roll, traveler, big gun, solid set, hand move, fanjet or micro-sprinkler, or drip (trickle). 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 Service specialist, equipment manufacturers or other experts.

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 for public water systems are in place.

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

### **CHEMIGATION SYSTEMS CONNECTED TO PUBLIC WATER SYSTEMS**

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.

Chemigation systems connected to public water system must contain a functional, reduced pressure zone (RPZ) backflow preventer 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.

The pesticide injection pipeline must contain a functional, automatic, quick closing check valve to prevent the flow of fluid back toward the injection pump.

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.

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.

Systems must use a metering pump, such as 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.

Do not apply when wind speed favors drift beyond the area intended for treatment.

Use a pesticide supply tank that is equipped with a means for continuous agitation either by recirculation or a mechanical agitator. Charge the supply tank with the appropriate amount of water and add the pesticide slowly followed by any sticker-spreaders, insecticides, nutrients, etc. Observe all directions, cautions and limitation on the label of the product (s) being mixed.

For fixed position irrigation systems, apply the pesticide towards the end of the irrigation period. Exact timing will depend on the desired pesticide application rate and calibration of the system. Apply the pesticide continuously through irrigation systems that move and do not irrigate the same or fixed area during the irrigation cycle.

Complete the pesticide injection in sufficient time to allow the pesticide to be completely flushed out of the irrigation system before the system is shut down.

### **SPRINKLER CHEMIGATION**

The system must contain a functional check valve, vacuum relief valve and low pressure drain appropriately located on the irrigation pipeline water source contamination from back flow.

The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.

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

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from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.

The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.

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.

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 system interlock.

Do not apply when wind speed favors drift beyond the area intended for treatment.

Use a pesticide supply tank that is equipped with a means of continuous agitation either by recirculation or a mechanical agitator. Charge the supply tank with the appropriate amount of water and add the pesticide slowly followed by any sticker-spreaders, insecticides, nutrients, etc. Observe all directions, cautions and limitations on the label of the product (s) being mixed.

For fixed position irrigation systems, apply the pesticide towards the end of the irrigation period. Exact timing will depend on the desired pesticide application rate and calibration of the system. Apply the pesticide continuously through irrigation systems that move and do not irrigate the same (fixed) area during the irrigation cycle.

Complete the pesticide injection in sufficient time to allow the pesticide to be completely flushed out of the irrigation system before the system is shut down.

### **DRIP (TRICKLE) CHEMIGATION**

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.

The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.

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.

The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.

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.



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System 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.

Use a pesticide supply tank that is equipped with a means for continuous agitation either by recirculation or a mechanical agitator. Charge the supply tank with the appropriate amount of water and add the pesticide slowly followed by any sticker-spreaders, insecticides, nutrients, etc. Observe all directions cautions and limitations on the label of the product (s) being mixed.

Apply the pesticide towards the end of the irrigation period. Exact timing will depend on the desired pesticide application rate and calibration of the system.

Complete the pesticide injection in sufficient time to allow the pesticide to be completely flushed out of the irrigation system before the system is shut down.

### **APPLICATION INSTRUCTIONS FOR ORNAMENTAL PLANTS, CONIFERS AND TURF**

Apply this product by various application methods, including foliar spray (aerial and ground), soil drench, soil incorporation and bare root dip. For foliar sprays, apply this product with sufficient water volumes for adequate coverage of foliage, according to crop and growth stage.

Make applications prior to disease development in conjunction with good cultural management practices. Do not exceed the use rates or apply more frequently than the specified interval or plant injury will occur. Do not apply to plants that are dormant or heat or moisture stressed. To avoid undesirable copper phytotoxicity, do not make foliar applications to plants treated with copper-based compounds at less than 20 day intervals unless instructed to do so by your crop consultant. Allow foliage to dry completely after application. Do not apply when conditions favor wet tissue for prolonged periods (>4 hours).

### **MIXING INSTRUCTIONS**

1. Fill the spray tank with  $\frac{1}{2}$  or  $\frac{3}{4}$  of the required volume of water before adding the product.
2. Add the product slowly to the tank and agitate by hydraulic or mechanical means.
3. Continue to fill the tank with water to the desired volume while agitating.
4. Continue agitation when applying.

### **COMPATIBILITY**

This product is compatible with most products used in agriculture. However, crop sensitivity to these mixtures may vary. If these combinations or others have not been previously used, do not tank mix without first testing the mixture's compatibility nor apply it without assessing its safety to the crop (phytotoxicity).

The use of spray adjuvants (i.e., stickers, spreaders, wetting agents) will enhance this product's performance. If an adjuvant is used with this product, test before use for compatibility. Do not use strongly acidifying compatibility agents.

To determine the compatibility of this product with other products, use a jar compatibility test. Add the correct proportions of each product and the appropriate quantity of water to a clean container, thoroughly mix, then let stand for 3 – 5 minutes. If the mixture remains in solution or can be readily remixed, the products are considered compatible.

To determine if a combination is phytotoxic to a specific crop, spray a few plants, trees or vines ,then evaluate 3 – 7 days later for any visual effects.

## ROSES

Disease	Application Method	Application Rate	Application Program
Root Rot and Cankers (Phytophthora and Pythium spp.) Downy Mildew Bacterial Blight Xanthomonas  †Suppression ** Of Foliar Diseases Black Spot (Diplocarpon spp.)	Foliar Spray	Apply 1-2 quarts/acre in a minimum of 100 gallons/acre of water.	Apply at 2-4 week intervals and repeat as needed. Application rates depend upon plant type, maturity and spray technique/method. Do not apply more than 6 times per crop cycle.
	Soil Drench	Mix 1 -2 quarts in 100 gallons of water.	Apply using hand held, mechanical or motorized spray equipment or as a Chemigation drench or directed spray using applicable sprinkler or low volume irrigation systems to propagation beds, containers, pots, trays, or nursery or landscape beds at a rate to thoroughly soak the growing media through the root zone. A general guide is 1 – 2 quarts per square foot of the diluted mixture depending on the media type and depth (about 3 fl. oz./3 inch pot or 6 fl. oz/6 inch pot or about 80 mL/ 10 cm pot and 120 mL/15 cm pot).
	Soil incorporation	Mix 4 – 16 fl. oz. /cubic yard of soil media.	Mix product with soil media immediately before potting. If conditions are favorable for disease development, applications as a foliar spray or soil drench will enhance protection.

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Disease	Application Method	Application Rate	Application Program
†Suppression ** Of Powdery Mildew	Foliar Spray Aerial	Apply 1 -1.5 quarts/acre in a minimum of 20 gallons/acre of water.	Low disease pressure*: Apply lower rate at the first onset of the disease. Repeat applications at 1-2 week intervals. Do not apply more than 6 times per crop cycle.
	Foliar spray ground	Apply 1 -2 quarts/acre in a minimum of 75 gallons/acre of water.	High disease pressure*: Apply higher rate at the first onset of the disease. Repeat applications at 7-10 day intervals. Do not apply more than 6 times per crop cycle.

† Not registered for use in California unless accompanied by an EPA approved supplemental label.

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### ORNAMENTALS

Such as Annual and perennial flowers, bedding plants, foliage plants, ground covers, deciduous and evergreen trees and shrubs in the field, container and conifer nursery, Lath or shade house, green house, residential commercial and municipal landscapes.

Ornamental and bedding plants such as:

Ageratum	Delphinium	Pinks
Aglaonema	Dieffenbachia	Pittosporum
Algerian Ivy	Dogwood	Poinsettia
Anthruium	Easter Lily	Pothos
Aphelandra	English Ivy	Primrose
Aborvitae	Ficus Foxglove	Prostrate Rosemary
Artemisia	Gaillardia	Rhododendron
Aster	Gernaium	Salvia
Azaleas	Gloxinia	Schefflera
Baby's breath	Bibiscus	Sedum
Begonia	Impatiens	Sempervivum
Bougainvillea	Japanese Holly	Snapdragon
Boxwood	Juniper	Spathiphyllum
Caladium	Leather-Leaf fern	Taxus Media
Carnation	Marigold	Verbena
Cattelya Skinneri	Monterey Pine	Vinca
Ceanothus	Pansy	White Cedar
Chrusanthemum	Peperomia	White Pine
Cicssus	Petunia	Zinnia
Coleus	Philodendron	Zygocactus, etc.
Columbine	Phlox	
Cotoneaster	Photinia	
Daisy	Pieris	

Disease	Application Method	Application Rate	Application Program
Root and Crown Rots, Stem Cankers and Foliar Blight (Phytophthora and Pythium spp.)  † <b>Suppression **</b> Of Foliar Diseases	Foliar Spray Aerial	Apply 1 -1.5 quarts/acre in a minimum of 20 gallons/acre of water.	Apply at 2-3 week intervals and repeat as needed. Use the lower rate of sensitive plants.
	Foliar Spray Ground	Apply 1 -2 quarts/acre in a minimum of 100 gallons/acre of water.	For greenhouse applications, do not exceed the lower rate (1 quart/100 gallons/acre of water). Do not apply more than 6 times per crop cycle.
	Soil Drench	Mix 6-13 fl. oz. in 100 gallons of water.	Apply 25 gallons of solution per 100 square feet. Irrigate to distribute solution through soil. Repeat as required. Limit to one

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Disease	Application Method	Application Rate	Application Program
			application per month.
	Soil Incorporation	Mix 1-2 pints/cubic yard of soil.	Mix immediately before potting. If conditions are favorable for disease development, a foliar spray or soil drench application will enhance protection.
	Root Dip	Mix a 0.25% v/v solution (1 quart/100 gallons of water).	Dip transplants into diluted mixture keeping roots submerged for 20-30 seconds. Plant within 48 hours. Make a fresh solution daily.
	Chemigation Overhead	Apply 2 quarts/acre in a minimum of 1,000 gallons/acre of water.	Apply with normal irrigation schedule. Follow Foliar Spray APPLICATION PROGRAM as stated above. Do not apply more than 6 times per crop cycle.
	Low Volume	Apply 1-2 quarts/acre in a minimum of 100 gallons/acre of water.	
Downy Mildew	Foliar Spray Aerial	Apply 0.5-1 quart/acre in a minimum of 20 gallons/acre of water.	Low Pressure Disease*: Apply lower rate at the first onset of the disease. Repeat applications at 1-2 week intervals. Do not apply more than 6 times per crop cycle. High Disease Pressure*: Apply higher rate at the first onset of the disease. Repeat applications at 7-10 day intervals. Do not apply more than 6 times per crop cycle. Application amounts depends upon plant type, maturity and application technique/method.
	Ground	Apply 1-2.5 quarts/acre in a minimum of 100 gallons/acre of water.	

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Disease	Application Method	Application Rate	Application Program
† <b>Suppression **</b> Of Powdery Mildew	Foliar Spray Aerial	Apply 1-1.5 quarts/acre in a minimum of 20 gallons/acre of water.	Low Disease Pressure*: Apply lower rate at the first onset of the disease. Repeat applications at 1-2 week intervals. Do not apply more than 6 times per crop cycle.  High Disease Pressure*: Apply higher rate at the first onset of the disease. Repeat applications at 7-10 day intervals. Do not apply more than 6 times per crop cycle.
	Ground	Apply 1-2 quarts/acre in a minimum of 50 gallons/acre of water.	

†Not registered for use in California unless accompanied by an EPA approved supplemental label.

## CONIFERS IN COMMERICAL NURSERIES, LANDSCAPE TREES, PLANTATION, FORESTRY AND PARK APPLICATIONS<sup>1</sup>

Such as:

Christmas tree varieties, firs, spruces, ash, pines, beech, cedar, chestnut, crab apple, dogwood, elm,  
hawthorn, juniper, linden, oaks, birch, eucalyptus, willow.

Disease	Application Method	Application Rate	Application Program
Root Rot and Trunk Cankers (Phytophthora Pythium spp.)  †Suppression ** Of foliar diseases  †Enhancement of Mycorrhization	Foliar Spray Aerial	Apply 1-2 quarts/acre in a minimum of 20 gallons/acre of water.	Apply as a light cover spray to foliage. Apply at 2-4 week intervals and repeat as needed. Final application amounts depend on plant type, maturity, and application technique/method. Do not apply more than 4 times per crop cycle.
	Foliar Spray Ground	Apply 1-2 quarts per acre in a minimum of 100 gallons/acre of water.	
	Soil Drench	Mix 1-2 quarts in 100 gallons of water.	Apply 0.25 -0.5 pints/sq ft. of the diluted mixture. Irrigate sufficiently to wet active root zone. Apply at a 2-4 week interval and repeat as needed. Do not apply more than 4 times per crop cycle.
	Root Dip	Mix a 0.25 % v/v solution (1 quart/100 gallons of water).	
Christmas Trees	Soil Drench	1 gallon/acre immediately after transplanting then 2 quarts/acre every 30 days for 3 applications in the active growing season.	
Stem and Canker Blight (Phytophthora ramorum) i.e., Sudden Oak Death <sup>1</sup>	Trunk injection	Make up a 15% v/v solution of Phoenix Jetphiter (20 fl. oz. per gallon of water)	Inject (according to injection equipment instructions) 0.5 fl. oz of the diluted Phoenix Jetphiter solution into one injection hole. Dosage: One injection per yard of canopy

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Disease	Application Method	Application Rate	Application Program
			diameter at the drip line (ie, a tree with 6 yards of canopy diameter will require 6 injections via 6 separate injection holes). Curative: Inject 2 time per year in the Spring and Fall. Preventative: Inject 1 time in the spring.
	†Bark Applications	Mix Phoenix Jetphiter and water in a 1:1 ratio (i.e., 1 gallon of Phoenix Jetphiter plus 1 gallon of water). Add to this 3 oz. of a silicon based surfactant.	Apply the Phoenix Jetphiter solution from the base of the tree to approximately 1 foot above ground, ensuring complete bark coverage. Spray over active lesions if they are accessible.

†Not registered for use in California unless accompanied by an EPA approved supplemental label.

<sup>1</sup>Use in California is limited to Oaks (Coastal, live, Shreve, Black, and Canyon), Tan Oaks and other tree species that are host to *P. ramorum*. Applications limited to injection and basal bark spray of pines, apples, and cranberries, and injection of Sycamores for control of Sycamore anthracnose. Do not apply to any other tree species without consulting the list of *P. ramorum* host species listed at the following website: <http://nature.berkeley.edu/comtf/index/html>

### TURF

#### Warm and Cool Season \*\*\*

Such as: Golf courses, athletic fields, sod farms, residential, amenity, commercial and municipal lawns

Disease	Application Method	Application Rate	Application Program
†Pythium spp. And Phytophthora (except California)	Foliar Spray	Mix 3.5-5 fl. oz. in 1-2 gallons of water.	Begin preventative applications when conditions first favor disease. Apply 1-2 gallons of diluted mixture per 1,000 sq. ft. as a light cover spray. Apply at a 1-4 week interval as needed. Do not mow or irrigate treated area until sprays have completely dried.
Pythium Blight		5 fl. oz. per 1,000 sq. ft.	Apply at 7 day intervals.
Suppression **		5 fl. oz. per 1,000 sq. ft.	Apply at 7 day intervals.



Disease	Application Method	Application Rate	Application Program
Of Brown patch (Rhizoctonia spp.) and Anthracnose (Collectotrichum)		Apply at 1.5 gallons per 1,000 sq. ft.	Turf disease management is significantly improved when Phoenix Jetphiter is used at the high labeled rate and is most effectively applied used when tank mixed with other registered fungicides.

†Not registered for use in California unless accompanied by an EPA approved supplemental label.

#### TURF TANK MIXTURES\*\*\*

For suppression\*\* or control of summer stress disease caused by a complex of Pythium spp., Collectotrichum spp. And Rhizoctonia spp. Also for improvement of existing fungicide programs and the minimization of resistance development in pathogenic fungi. Tank mix this product with fungicides from the classes of fungicides as listed below in accordance with the most restrictive label limitation and precautions. Do not exceed label dosage rates. This product cannot be missed with any product containing a label prohibiting against any such mixing. To determine the compatibility of this fungicide with other products, use a jar compatibility test. Add the correct proportions of each product and the appropriate quantity of water to a clean container. Thoroughly mix and let stand for 3-5 minutes. If the mixture remains in solution or can be remixed readily, the products are considered compatible.

Disease	Application Method	Application Rate	Application Program
Complex of Pythium spp., Collectotrichum spp. And Rhizoctonia spp.	Tank mix with a registered fungicide for these turf declines such as a thiophanate-methyl containing product such as T-Bird®, a myclobutanil containing product such as Siskin®, a propiconazole containing product such as Kestrel® and Kestrel MEX, an iprodione containing product such as Raven®, a mancozeb containing product such as WingMan®, a strobilurin or a chloronitril fungicide.	Follow product label.	Follow the most restrictive product label.

\*Check with your local extension agent or crop consultant if you are unsure about disease prevention, control or severity/pressure.

**\*\*Suppression:** Phoenix Jetphiter has suppressive properties on diseases caused by certain bacteria or fungi. When applying Phoenix Jetphiter for disease suppression, use it in combination with another registered bactericide or fungicide registered for the same crops listed on this label.

**\*\*\*** Do not graze livestock or poultry in treated turf areas. Do not feed forage or clippings from treated turf areas to livestock or poultry.

#### **STORAGE AND DISPOSAL**

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

**Pesticide Storage:** Store in a cool, dry place.

**Pesticide Disposal:** Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

**Container Handling:**

**Nonrefillable container (five gallons or less):** Do not reuse or refill this container. Offer for recycling, if available. Clean container promptly after emptying. Triple rinse 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  $\frac{1}{4}$  full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

**Nonrefillable Container (greater than five gallons):** Do not reuse or refill this container. Offer for recycling, if available. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container  $\frac{1}{4}$  full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

**Refillable container:** Refill this container with mono and di-potassium salts of phosphorus acid only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

**For 24 hour emergency assistance (spill, leak or fire) call CHEMTREC at 1-800-424-9300.**

#### **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 must be followed carefully. The Directions for Use of this product

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reflect the opinion of experts based on field use and tests. It is impossible to eliminate all risks inherently 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 the product by Buyer or User are beyond the control of UNITED PHOSPHORUS, INC. and Seller. To the extent consistent with applicable law, 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.

UNITED PHOSPHORUS, INC. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of this product contrary to label instructions, or under conditions not reasonably foreseeable to or beyond the control of Seller or UNITED PHOSPHORUS, INC., and Buyer and User assume the risk of any such use. UNITED PHOSPHORUS, INC. MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

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