

68573-2

10-27-2000

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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Biopesticides and Pollution Prevention Division (7511C)
1200 Pennsylvania Avenue NW
Washington, DC 20460

EPA Reg.
Number

68573-2

Date of Issuance:

OCT 27 2000

Term of Issuance:

Unconditional

Name of Pesticide Product:

Fosphite Fungicide

NOTICE OF PESTICIDE:

☒ Registration
☐ Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

JH Biotech, Inc.
4951 Olivia Park Drive
Ventura, CA 93003

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Biopesticides and Pollution Prevention Division prior to use of the label in commerce. All correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is unconditionally registered in accordance with FIFRA sec. 3(c)(5) subject to the comments listed below:

1. Make the following label changes:
 - a. Add the phrase, "EPA Registration No. 68573-2" to your label before you release the product for shipment
 - b. Add the appropriate Establishment Number to your label before you release the product for shipment
2. Submit five copies of the final printed labeling before you release this product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec.6(e). Your release for shipment of the product constitutes acceptance of these conditions.

Unconditional registration does not eliminate the need for continual reassessment of a pesticide. If EPA determines, at any time, that additional data are required to maintain in effect, an existing registration, the Agency will require submission of such data under Section 3(c)(2)(B) of FIFRA.

Signature of the Approving Official

OCT 27 2000

Master Label

FOSPHITE FUNGICIDE

**A FUNGICIDE FOR THE CONTROL OF DOWNEY MILDEW AND OTHER DISEASES ON
ORNAMENTALS, BEDDING PLANTS, CONIFERS AND TURF**

ACTIVE INGREDIENT:

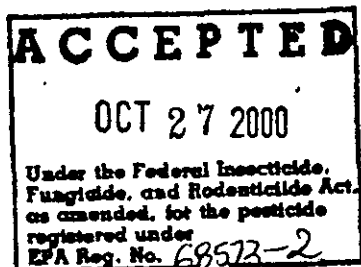
Mono- and dipotassium salts of phosphorous acid.....53%

OTHER INGREDIENTS:.....47%

TOTAL.....100%

**A: SUBLABEL - COMMERCIAL PRODUCTS: FOR COMMERCIAL APPLICATORS
SUBJECT TO WORKER PROTECTION STANDARD**

**B: SUBLABEL - HOUSEHOLD PRODUCTS: FOR NON-COMMERCIAL
APPLICATORS (NOT SUBJECT TO WORKER PROTECTION
STANDARD)**



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**SUBLABEL - COMMERCIAL PRODUCTS: FOR COMMERCIAL APPLICATORS
SUBJECT TO WORKER PROTECTION STANDARD**

FOSPHITE FUNGICIDE

Fosphite is a systemic fungicide for the suppression of Downey mildew, Phytophthora and Pythium in ornamentals and bedding plants, phytophthora in conifers and pythium in turf.

This package can treat up to _____ sq. ft. (acres) at the recommended maximum treatment rate.

ACTIVE INGREDIENTS:

Mono- and dipotassium salts of Phosphorous Acid*53%

OTHER INGREDIENTS:.....47%

TOTAL.....100%

*Contains 6.22 lbs./gallon of active ingredients, mono- and dipotassium salts of Phosphorous Acid. Equivalent to 3.90 lbs. Phosphorous Acid/gallon.

KEEP OUT OF REACH OF CHILDREN

CAUTION

See side (or back) panel for the Statement of Practical Treatment (First Aid Statement)

NET CONTENTS:

1 pint (0.473 liters)
1 quart (0.946 liters)
1 gallon (3.785 liters)
2 1/2 gallons (9.463 liters)
5 gallons (18.925 liters)

MANUFACTURED BY:

JH Biotech, Inc.
P.O. Box 3538
Ventura, CA 93006
10/19/00

EPA Reg. No. 68573-
EPA Est. No. 68573-CA001

SIGNAL WORD: CAUTION

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Wear long-sleeved shirt and long pants, socks and shoes, and waterproof gloves. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

FIRST AID STATEMENTS

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. 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 a poison control center or doctor. Do not give anything by mouth to an unconscious person.

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.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear long-sleeved shirt and long pants, waterproof gloves, shoes plus socks, and protective eyewear.

Follow manufacturer's instructions for cleaning/maintaining personal protective equipment (PPE). If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove PPE clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

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 disposing of rinsate or equipment wash waters.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

Read entire label before using this product.

Do not apply this product in a way that will contact workers or other person, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State, consult the 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, 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 section only apply to uses of this product that are covered by the Workers Protection Standard.

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 Worker Protection Standard and that involves contact with anything that has been treated such as plants, soil, or water, wear: coveralls over long-sleeved shirt and pants, socks and chemical resistant footwear and waterproof gloves.

NON-AGRICULTURAL USE REQUIREMENTS

The requirements of this box apply to uses of this 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.

GENERAL APPLICATION INSTRUCTIONS

FOSPHITE may be applied by various application methods, including foliar sprays, soil drench, soil incorporation, and bare root dip. For foliar sprays, apply FOSPHITE with sufficient water for adequate coverage of foliage, according to crop and growth stage. To insure good coverage, spray to wet.

MIXING INSTRUCTIONS

1. Fill the spray tank with 1/2 of the required volume of water.
2. Add FOSPHITE 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.

APPLICATIONS THROUGH SPRINKLER IRRIGATION SYSTEMS

Apply this product through microjet, drip, solid set and center pivot sprinkler irrigation systems. Do not apply this product through any other type of irrigation system.

PREPARATION OF INJECTION EQUIPMENT: Remove scale, pesticide residues and other foreign matter from the chemical tank and entire injector system. Flush with clean water.

APPLICATION INSTRUCTIONS: Fill tank with 1/2 to 3/4 of desired amount of water. Start mechanical or hydraulic agitation. Add the required amount of Fosphite, then the remaining volume of water. Set sprinkler to deliver 0.1 to 0.3 inch of water per acre. Start sprinkler and uniformly inject the solution of FOSPHITE into the irrigation water line so as to deliver the desired rate per acre. Inject the FOSPHITE solution with a positive displacement pump into the main line ahead of a right angle turn to insure adequate mixing. For other questions about calibration, contact State Extension Service specialists, equipment manufacturers or other experts.

NOTE: For Microjet and Drip Irrigation Systems: Avoid further irrigation of the treated area for 24 to 48 hours after treatment with FOSPHITE has been completed. For Solid Set and Center Pivot Irrigation Systems: Avoid further irrigation of the FOSPHITE treated area until after the foliage has completely dried. This will help to prevent washing the chemical off the crop.

GENERAL PRECAUTIONS FOR APPLICATIONS THROUGH SPRINKLER IRRIGATION SYSTEMS

The irrigation 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

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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. 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.

Maintain continuous agitation in mix tank during mixing and application to assure uniformity solution. Do not apply when wind speed favors drift, when system connection or fittings leak, when nozzles do not provide uniform distribution, or when lines containing the product must be dismantled or drained. Crop injury, lack of effectiveness, or illegal pesticide residues in the crop may result from non-uniform distribution of chemigation water.

Allow sufficient time for pesticide to be flushed through all lines and all nozzles before turning off irrigation water. A person knowledgeable of the chemigation system and responsible for its operation shall shut down and adjust the system as needed.

Do not connect an irrigation system (including greenhouse system) used for pesticide application to a public water system unless the label-prescribed safety devices for public water supplies are in place.

COMPATIBILITY

FOSPHITE is compatible with most products used in agriculture; however, crop sensitivity to these mixtures may vary. In particular, mixtures of FOSPHITE with foliar fertilizers and copper products may not be compatible or may cause phytotoxicity to certain plants. To avoid undesirable copper phytotoxicity, do not apply FOSPHITE and copper based compounds at less than 7 day intervals. 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) is not recommended with FOSPHITE. However if an adjuvant is used with FOSPHITE it should be tested before use for compatibility. Do not use acidifying type compatibility agents.

To determine the compatibility of FOSPHITE with other products, use a jar compatibility test. Add the correct proportions of each product and the appropriate quantity of water to clean container, thoroughly mix, then let stand for 3-5 minutes. If the mixture remains in solution or can be remixed readily, the products are considered compatible. To determine if a combination is phytotoxic to a specific crop, spray a few plants/trees, then evaluate 3-7 days later for visual symptoms.

GENERAL INSTRUCTIONS FOR APPLICATIONS

ORNAMENTALS

FOSPHITE fungicide may be used for suppression of Pythium, Downey Mildew and Phytophthora diseases of ORNAMENTALS grown in commercial nurseries and greenhouses, golf courses, parks and commercial landscapes. FOSPHITE may be applied to plants including Aglaonema, Aphelandra, Arborvitae, Azaleas, Bougainvilles, Boxwood, Cattelya skinneri, Ceznothus, Cotomeaster, Cissus, Diffenbachia, Dogwood, Ficus Hibiscus, Japanese Holly, Juniper, Leather-leaf Fern, Monterey Pine, Peperomia, Photinia, Pittosporum, Philodendron, Pieris, Pothos, Rhododendron, Roses, Schefflera, Sedum, Sempervivum, Spathiphyllum, Taxus media, White Cedar, White Pine, Zygocactus, etc.

Apply FOSPHITE prior to disease development in conjunction with good cultural practices. Use the higher rate when disease pressure is severe. Do not exceed recommended rates or apply more frequently than the specified intervals to avoid plant injury. Do not apply to plants that are dormant or under heat or moisture stress.

Disease	Application Method	Rate	Application Program
Phytophthora and Pythium	Foliar Spray	1 to 2 qts./100 gal. water (1/3 fl. oz. to 2/3 fl. oz. per gal.) 1 to 2 L./400 L. water	Apply diluted solution to thoroughly wet foliage. Apply at 2-3 week intervals and repeat as needed.
	Soil Drench	1 to 2 qts./100 gal. (1/3 fl. oz. to 2/3 fl. oz. per gal.) 1 to 2 L./400 L. water	Apply 1 gal. of solution per sq. yard and irrigate. Apply at 2-3 week intervals and repeat as needed.
	Soil Incorporation	1 to 2 pts./cubic yd.	Mix 1 to 2 pints of Fosphite per cubic yard of soil mix immediately before potting. If conditions are favorable for disease development, appli- cations as a foliar spray or soil drench may also be needed.
	Bare Root Dip	1 qt./100 gal. water (1/3 fl. oz./gal.) 1 to 2 L./400 L. water	Dip transplants into diluted solution of 1 qt. of Fosphite/ 100 gal. of water to thoroughly wet plant root mass immedi- -ately before transplanting. Keep roots submerged for 1 to 2 minutes.
Downey Mildew	Foliar Spray	1 to 2 qts./100 gal. water (1/3 fl. oz. to 2/3 fl. oz. per gal.) 1 to 2 L./400 L. water	Apply diluted solution to thoroughly wet foliage. Apply at 2-3 week intervals and repeat as needed.

BEDDING PLANTS

FOSPHITE fungicide may be used for suppression of Downey Mildew, Pythium and Phytophthora diseases of bedding plants grown in commercial nurseries and greenhouses, golf courses, parks and commercial landscapes. FOSPHITE may be applied to plants including Ageratum, Algerian Ivy, Anthurium, Artemisia, Aster, Baby's Breath, Begonia, Caladium, Carnation, Chrysanthemum, Coleus, Columbine, Daisy Delphinium, Easter Lily, English Ivy, Foxglove, Gaillardia, Geranium, Gloxinia, Impatiens, Marigold, Pansy, Petunia, Phlox, Pinks, Poinsettia, Primrose, Prostrate Rosemary, Salvia, Snapdragon, Verbena, Vinca, Zinnia, etc. Applications should be made prior to disease development in conjunction with good cultural management practices. Use the higher rate when disease pressure is severe. Do not exceed recommended rates or apply more frequently than the specified intervals to avoid plant injury. Do not apply to plants that are under heat or moisture stress.

Disease	Application Method	Rate	Application Program
Phytophthora and Pythium	Foliar Spray	1 to 2 qts./100 gal. water (1/3 fl. oz. to 2/3 fl. oz. per gal.) 1 to 2 L./400 L. water	Apply spray to thoroughly wet foliage. Apply at 2-3 week intervals and repeat as needed.
	Soil Drench	1 to 2 qts./100 gal. water (1/3 fl. oz. to 2/3 fl. oz. per gal.)	Apply 1 gal. solution per sq. yard and irrigate. Apply at 2-3 week intervals and repeat

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		1 to 2 L./400 L. water	as needed.
Downey Mildew	Foliar Spray	1 to 2 qts./100 gal. water (1/3 fl. oz. to 2/3 fl. oz. oz. per gal.) 1 to 2 L./400 L. water	Apply diluted solution to thoroughly wet foliage. Apply at 2-3 week intervals and repeat as needed.

CONIFERS IN COMMERCIAL NURSERIES, PLANTATIONS AND FORESTS (INCLUDING CHRISTMAS TREES)

FOSPHITE applied in conjunction with good cultural management practices will suppress Phytophthora root rot of conifers including (but not limited to) Douglas Fir, spruce and pines. Use the higher rates when disease pressure is severe. Do not apply to conifers that are under heat or moisture stress.

Disease	Application Method	Rate	Application Program
Phytophthora	Foliar Spray	1 to 2 qts./100 gal. water (1/3 fl. oz. to 2/3 fl. oz. per gal.) 1 to 2 L./400 L. water	Apply diluted solution to thoroughly wet foliage. Apply at 2-3 week intervals and repeat as needed.
	Soil Drench	1 to 2 qts./100 gal. water (1/3 fl. oz. to 2/3 fl. oz. per gallon) 1 to 2 L./400 L. water	Apply 1 gal. of diluted solution per sq. yard and irrigate. Apply at 2-3 week intervals and repeat as needed.
	Bare Root Dip	1 qt./100 gal. water (1/3 fl. oz./gal.) 1 to 2 L./400 L. water	Dip transplants into diluted solution to thoroughly wet plant root mass immediately before transplanting. Keep roots submerged for 1 to 2 minutes.

Do not graze livestock in treated conifer nurseries and/or plantations. Do not feed forage to livestock from treated nurseries and/or plantations.

TURF

FOSPHITE is a systematic fungicide which may be used for the suppression of Pythium blight and damping-off diseases to turf grasses on sod farms, commercial turf production, golf courses, parks and commercial landscapes. Begin preventative applications when conditions first favor disease and repeat at recommended intervals. Use higher rates under severe disease conditions.

Disease	Application Method	Rate	Application Program
Pythium (Yellow Turf)	Foliar Spray	5 to 10 fl. oz./1,000 sq. ft.	Apply recommended amount in 5 gal. of water per 1,000 sq. ft. Thoroughly wet the foliage. Apply at 10 to 20 day intervals as needed. Do not mow or irrigate treated areas until spray has completely dried.

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TURF TANK MIXTURES

For suppression of summer stress complex caused by a complex of Pythium and Rhizoctonia diseases, FOSPHITE may be tank mixed with Fore[®] WP fungicide and applied to turf grasses on sod farms, commercial turf production, golf courses, parks and commercial landscapes.

Product	Disease	Rate/1000 sq. ft.	Application Program
FOSPHITE + FORE [®] WP*	Summer Stress Complex (Pythium and Rhizoctonia spp.)	5 to 10 fl. oz. FOSPHITE + 4 to 8 fl. oz. FORE [®] WP*	Apply as a foliar spray using 1 to 5 gal. of water per 1,000 sq. ft. Begin as a preventive spray and repeat every 14 days as needed. Do not mow or irrigate treated areas until sprays have completely dried.

* Registered trademark of Rohm & Haas.

Do not graze animals on treated turf. Do not feed clippings from treated turf to livestock and poultry.

STORAGE AND DISPOSAL

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

STORAGE: Keep this product in containers stored upright and secured with the original closure. Do not store this product near heat sources. Do not store near strong oxidants. If transfer to another container becomes necessary, ensure that the container is clearly labeled, the container is a type suitable for the product, and is clean and free of other materials.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use 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: Do not reuse empty container. Triple rinse (or equivalent) and offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, keep out of smoke.

NOTICE TO BUYER

To the extent permitted by law, all conditions and warranties, and statutory or other rights of action which buyer or any other user may have against JH Biotech, Inc. or seller are hereby excluded. JH Biotech, Inc. Hereby gives notice to buyer and other users that it will not accept responsibility for any indirect or consequential loss arising from reliance on product information provided by JH Biotech, Inc. or on its behalf unless it is established that such information or advice was provided negligently and that the product was been used strictly as directed. JH Biotech, Inc.'s liability shall in all circumstances be limited to replacement of the product or a refund of the purchase price thereof.

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**SUBLABEL - HOUSEHOLD PRODUCTS: FOR NON-COMMERCIAL APPLICATORS
(NOT SUBJECT TO WORKER PROTECTION STANDARD)**

FOSPHITE FUNGICIDE

Fosphite is a systemic fungicide for the suppression of Downey mildew, Phytophthora and Pythium in Ornamentals and bedding plants, phytophthora in conifers and pythium in turf.

This package can treat up to _____ sq. ft. (acres) at the recommended maximum treatment rate.

ACTIVE INGREDIENTS:

Mono- and dipotassium salts of Phosphorous Acid*53%

OTHER INGREDIENTS:.....47%

TOTAL.....100%

*Contains 6.22 lbs./gallon of active ingredients, mono- and dipotassium salts of Phosphorous Acid. Equivalent to 3.90 lbs. Phosphorous Acid/gallon.

KEEP OUT OF REACH OF CHILDREN

CAUTION

See side (or back) panel for the Statement of Practical Treatment (First Aid Statement)

NET CONTENTS:

- 1 pint (0.473 liters)
- 1 quart (0.946 liters)
- 1 gallon (3.785 liters)
- 2 1/2 gallons (9.463 liters)
- 5 gallons (18.925 liters)

MANUFACTURED BY:

JH Biotech, Inc.
P.O. Box 3538
Ventura, CA 93006

EPA Reg. No. 68573-
EPA Est. No. 68573-CA001

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

SIGNAL WORD: CAUTION

Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Wear long-sleeved shirt and long pants, socks and shoes, and waterproof gloves. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

FIRST AID STATEMENTS

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. 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 so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

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.

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove PPE clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

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 disposing of rinsate or equipment wash waters.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

Read entire label before using this product.

Do not apply this product in a way that will contact workers or other person, either directly or through drift.

NON-AGRICULTURAL USE REQUIREMENTS

The requirements of this box apply to uses of this 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.

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STORAGE AND DISPOSAL

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

STORAGE: Keep this product in containers stored upright and secured with the original closure. Do not store this product near heat sources. Do not store near strong oxidants. If transfer to another container becomes necessary, ensure that the container is clearly labeled, the container is a type suitable for the product, and is clean and free of other materials.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use 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: Do not reuse empty container. Triple rinse (or equivalent) and offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, keep out of smoke.

GENERAL APPLICATION INSTRUCTIONS

FOSPHITE may be applied by various application methods, including foliar sprays, soil drench, soil incorporation, and bare root dip. For foliar sprays, apply FOSPHITE with sufficient water for adequate coverage of foliage, according to crop and growth stage. To insure good coverage, spray to wet.

MIXING INSTRUCTIONS

1. Fill the spray tank with 1/2 of the required volume of water.
2. Add FOSPHITE 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

FOSPHITE is compatible with most products used in agriculture; however, crop sensitivity to these mixtures may vary. In particular, mixtures of FOSPHITE with foliar fertilizers and copper products may not be compatible or may cause phytotoxicity to certain plants. To avoid undesirable copper phytotoxicity, do not apply FOSPHITE and copper based compounds at less than 7 day intervals. 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) is not recommended with FOSPHITE. However if an adjuvant is used with FOSPHITE it should be tested before use for compatibility. Do not use acidifying type compatibility agents.

To determine the compatibility of FOSPHITE with other products, use a jar compatibility test. Add the correct proportions of each product and the appropriate quantity of water to clean container, thoroughly mix, then let stand for 3-5 minutes. If the mixture remains in solution or can be remixed readily, the products are considered compatible. To determine if a combination is phytotoxic to a specific crop, spray a few plants/trees, then evaluate 3-7 days later for visual symptoms.

INSTRUCTIONS FOR APPLICATIONS ORNAMENTALS, BEDDING PLANTS AND TREES

FOSPHITE fungicide may be used for suppression of Pythium, Downey Mildew and Phytophthora diseases of ORNAMENTALS, BEDDING PLANTS AND TREES. Plants which can be treated with FOSPHITE include:

ORNAMENTALS			BEDDING PLANTS		
Aglaonema	Aphelandra	Arborvitae	Ageratum	Algerian Ivy	Anthurium
Azaleas	Bougainvilleas	Boxwood	Artemisia	Aster	Baby's Breath
Cattleya skinneri	Ceanothus	Cotoneaster	Begonia	Caladium	Carnation
Cissus	Diffenbachia	Dogwood	Chrysanthemum	Coleus	Columbine
Ficus	Hibiscus	Japanese Holly	Daisy	Delphinium	Easter Lily
Juniper	Leather-leaf Fern	Monterey Pine	English Ivy	Foxglove	Gaillardia
Peperomia	Photinia	Pittosporum	Geranium	Gloxinia	Impatiens
Philodendron	Pieris	Pothos	Marigold	Pansy	Petunia
Rhododendron	Roses	Schefflera	Phlox	Pinks	Poinsettia
Sedum	Sempervivum	Spathiphyllum	Primrose	Prostrate Rosemary	Salvia
Taxus media	White Cedar	White Pine	Snapdragon	Verbena	Vinca
Zygocactus			Zinnia		

TREES: Douglas Fir, Spruce, Pines and Christmas Trees

Applications should be made prior to disease development in conjunction with good cultural management practices. Use the higher rate when disease pressure is severe.

Apply FOSPHITE prior to disease development in conjunction with good cultural practices. Use the higher rate when disease pressure is severe. Do not exceed recommended rates or apply more frequently than the specified intervals to avoid plant injury. Do not apply to plants that are dormant or under heat or moisture stress.

Disease	Application Method	Rate	Application Program
Phytophthora and Pythium	Foliar Spray	1/3 fl. oz. to 2/3 fl. oz. per gal. of water. (2.5 - 5 ml./L. water)	Apply diluted solution to thoroughly wet foliage. Apply at 2-3 week intervals and repeat as needed.
	Soil Drench	1/3 fl. oz. to 2/3 fl. oz. per gal. of water. (2.5 - 5 ml./L. water)	Apply 1 gal. of solution per sq. yard and irrigate. Apply at 2-3 week intervals and repeat as needed.
	Soil Incorporation	1 to 2 pts./cubic yd. (300-600 ml./cu. m.)	Mix 1 to 2 pints of Fosphite soil mix immediately before potting. If conditions are favorable for disease development, appli- cations as a foliar spray or soil drench may also be needed.
	Bare Root Dip	1/3 fl. oz./gal. of water (2.5 ml./L. water)	Dip transplants into diluted solution of Fosphite to thoroughly wet plant root mass immediately

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before transplanting.
Keep roots submerged for 1 to 2 minutes.

Downey Mildew	Foliar Spray	1/3 fl. oz. to 2/3 fl. oz. per gal. of water (2.5 - 5 ml./L. water)	Apply diluted solution to thoroughly wet foliage. Apply at 2-3 week intervals and repeat as needed.
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CONIFERS

FOSPHITE applied in conjunction with good cultural management practices will suppress Phytophthora root rot of conifers including (but not limited to) Douglas Fir, spruce and pines. Use the higher rates when disease pressure is severe. Do not apply to conifers that are under heat or moisture stress.

Disease	Application Method	Rate	Application Program
Phytophthora	Foliar Spray	1/3 fl. oz. to 2/3 fl. oz. per gal. of water (2.5-5 ml./L. water)	Apply diluted solution to thoroughly wet foliage. Apply at 2-3 week intervals and repeat as needed.
	Soil Drench	1/3 fl. oz. to 2/3 fl. oz. per gallon (2.5-5 ml./L. water)	Apply 1 gal. of diluted solution per sq. yard and irrigate. Apply at 2-3 week intervals and repeat as needed.
	Bare Root Dip	1/3 fl. oz./gal. of water (2.5-5 ml./L. water)	Dip transplants into diluted solution to thoroughly wet plant root mass immediately before transplanting. Keep roots submerged for 1 to 2 minutes.

Do not graze livestock in treated conifer nurseries and/or plantations. Do not feed forage to livestock from treated nurseries and/or plantations.

TURF

FOSPHITE is a systematic fungicide which may be used for the suppression of Pythium blight and damping-off diseases to turf grasses. Begin preventative applications when conditions first favor disease and repeat at recommended intervals. Use higher rates under severe disease conditions.

Disease	Application Method	Rate	Application Program
Pythium (Yellow Turf)	Foliar Spray	5 to 10 fl. oz./1,000 sq. ft. (150-300 ml./100 sp. m.)	Apply recommended amount in 5 gal. of water per 1,000 sq. ft. Thoroughly wet the foliage. Apply at 10 to 20 day intervals as needed. Do not mow or irrigate treated areas until spray has completely dried.

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