

# RESTRICTED USE PESTICIDE

Due to Acute Dermal Toxicity to Humans  
and  
Residue Effect on Avian and Mammalian Species.

For retail sale to and use only by certified applicators or persons under their direct supervision and only for those uses covered by the certified applicator's certification.



# PHOSPHAMIDON 8 SPRAY

ACTIVE INGREDIENTS	BY WEIGHT
Phosphamidon: 2-chloro-3-(diethylamino) 1-methyl-3-oxo-1-propenyl dimethyl phosphate .....	75.5%
Related Compounds .....	2.5%
INERT INGREDIENTS .....	22.0%
	TOTAL 100.0%
Contains 8 lbs. Phosphamidon per gallon U.S. Patent No. 2,908,605	

## STATEMENT OF PRACTICAL TREATMENT

If **swallowed**, drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not give anything by mouth to an unconscious person. Get medical attention. If in **eyes**, flush with water for 15 minutes. Get immediate medical attention. If **inhaled**, remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention. If on **skin**, or clothing, remove contaminated clothing and shoes. Bathe with plenty of soap and water. Get medical attention.

**ANTIDOTE: Note To Physician.** Active ingredient is a Cholinesterase inhibitor. Patient should be kept under observation for 48 hours. Atropine is antidotal. Give 4 mg. intramuscularly or intravenously. Repeat every 15 minutes until patient is fully atropinized. If cyanotic, give artificial respiration. Pralidoxime chloride (2-PAM) should be used in treatment.

## ENVIRONMENTAL HAZARDS

This pesticide is toxic to aquatic invertebrates and wildlife. Do not apply directly to water or wetlands (including swamps, marshes, bogs, and potholes). Runoff and drift from treated areas may be hazardous to aquatic organisms in adjacent aquatic sites. Do not contaminate water by cleaning of equipment or disposal of wastes.

This pesticide is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this pesticide or allow it to drift to blooming crops or weeds if bees are visiting the treatment areas.

Do not apply when weather conditions favor drift from the areas treated. Do not apply where run-off is likely to occur.

## PHYSICAL OR CHEMICAL HAZARDS

Store in a cool, dry place. Do not use or store near heat, open flame or hot surfaces.

## DIRECTIONS FOR USE

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

## STORAGE AND DISPOSAL

**PROHIBITIONS:** Do not contaminate food or feed by storage or disposal.

**PESTICIDE STORAGE:** Do not store in or around the home. Do not use or store near heat, open flame or hot surfaces. Keep out of reach of children and animals. Store in original containers only. Store in a cool, dry place and avoid excess heat. Carefully open containers. After partial use, replace lids and close tightly. Do not put concentrate or dilute material into food or drink containers. Do not contaminate other pesticides, fertilizers, water, food, or feed by storage or disposal. In case of spill, avoid contact, isolate area and keep out animals and unprotected persons. Confine spills. To confine spill, dike surrounding area or absorb with sand, cat litter or commercial clay. Place damaged package in a holding container. Identify contents.

**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or residue 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:** Glass: Triple rinse (or equivalent). Then dispose of in a sanitary landfill or by other approved State and local procedures. Metal: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. Plastic: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons.

(continued)

**KEEP OUT OF REACH OF CHILDREN**  
**DANGER POISON**  
**PELIGRO**



**PRECAUCION AL USUARIO:** Si usted no lee ingles, no use este producto hasta que la etiqueta le haya sido explicada ampliamente. See below for complete directions for use.

EPA REG. NO. 34704-389

EPA EST. NO.

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## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**DANGER—POISON—**Poisonous if swallowed, inhaled or absorbed through skin. Rapidly absorbed through skin. Do not get in eyes, on skin or on clothing.

**USE ONLY WHEN WEARING THE FOLLOWING PROTECTIVE CLOTHING AND EQUIPMENT DURING MIXING/LOADING, APPLICATION, DISPOSAL OF THE PESTICIDE AND EARLY REENTRY INTO TREATED AREAS:** Protective suit of one or two pieces covering all parts of the body except head, hands, and feet; chemical-resistant gloves; chemical-resistant boots. In addition, mixer/loaders must wear a chemical-resistant apron. During equipment repair and cleaning, the protective suit need not be worn. If overhead exposure is likely, such as when flagging during aerial application, a hood or wide-brimmed hat must be worn.

**IF APPLICATION IS PERFORMED USING AN ENCLOSED CAB OR COCKPIT, THE FOLLOWING PROTECTIVE CLOTHING AND EQUIPMENT MAY BE WORN AS AN ALTERNATIVE:** Long-sleeved shirt and longlegged pants, shoes and socks. Chemical-resistant gloves must be available in the cab or cockpit and must be worn during entry to and exit from the application vehicle. All other protective clothing and equipment required for use during application must be available in the cab and must be worn when exiting the cab into treated areas. When used for this purpose, contaminated clothing may not be brought back into the cab unless in an enclosure such as a plastic bag.)

**IMPORTANT!** If pesticide comes in contact with skin, wash off with soap and water. Always wash hands, face, and arms with soap and water before smoking, eating, drinking, or toileting.

**AFTER WORK:** Before removing gloves, wash them with soap and water. Take off all work clothes and shoes. Shower using soap and water. Wear only clean clothes when leaving job—do not wear contaminated clothing. Personal and protective clothing worn during work must be laundered separately from household articles. Store protective clothing separately from personal clothing. Clean or launder protective clothing after each use. Protective clothing and equipment that becomes heavily contaminated or drenched must be destroyed according to State and local regulations. **HEAVILY CONTAMINATED OR DRENCHED CLOTHING CANNOT BE ADEQUATELY DECONTAMINATED.**

25158-389



# PHOSPHAMIDON 8 SPRAY

EPA REG. NO. 34704-380

(continued)

## REENTRY STATEMENT

Reentry into treated areas is prohibited for 48 hours after the end of application, unless the protective clothing specified on this label for early reentry is worn.

**FOR EARLY REENTRY INTO TREATED AREAS** Use protective suit of one or two pieces covering all parts of the body except head, hands, and feet, chemical-resistant gloves, chemical-resistant shoes (or chemical-resistant shoe coverings or chemical-resistant boots).

Because certain states may require more restrictive reentry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. Inform workers of areas or fields that may not be entered without specific protective clothing, period of time field must be vacated and appropriate actions to take in case of accidental exposure. An example of such information is given under written warnings. When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. Written or oral warnings must include the following information:

### DANGER

Area treated with Phosphamidon 8 Spray on (insert date). Reentry into treated areas is prohibited for 48 hours after the end of application, unless the protective clothing required for early reentry is worn.

In case of accidental exposure to pesticide spray, wash the skin thoroughly with soap and water. Remove contaminated clothing and wash before reuse. If in eyes, flush with plenty of water. If inhaled, go to an area where the pesticide has not been applied. Get medical attention if needed.

Read entire label. Use strictly in accordance with precautions and directions, and with applicable state and federal regulations. Timing and dosage may vary as a consequence of local weather conditions; we recommend reference to Agricultural Experiment Stations on specific usage.

Apply this product only as specified on this label. Do not use in a manner or at a time other than in accordance with label directions because animal, plant or crop injury, illegal residues or other undesirable results may occur.

NOTICE! Avoid drift to maple trees, peaches, plums and cherries as injury may occur.

**CHEMIGATION:** Refer to supplemental labeling entitled "APPLICATION THROUGH IRRIGATION SYSTEMS—CHEMIGATION" for use directions for chemigation. Do not apply this product through any irrigation systems unless the supplemental labeling on chemigation is followed.

OBSERVE DAYS INTERVAL BETWEEN LAST APPLICATION AND HARVEST INDICATED BY NUMBER IN ( ) FOLLOWING CROP.

**APPLES (30): EARLY DELAYED DORMANT ONLY—***Green Peach and Rosy Apple Aphids, European Red Mite, San Jose Scale, Fruittree Leafroller*—Use 100 to 800 gallons/acre by ground. Use 1/4 pint plus 1 1/2 to 2 gallons Dormant Oil spray per 100 gallons water as full coverage sprays. Do not combine oil sprays with Sulfur, Captan or Phaltan (Folpet). **PRE-BLOSSOM AND POST-BLOSSOM FIRST BROOD COVER SPRAYS—***First Brood Codling Moth, Leafhoppers, Green Peach and Rosy Apple Aphids, Leafminers*—Use 100 to 800 gallons/acre by ground. Use 1/8 to 1/4 pint per 100 gallons water. Do not exceed 1 pint per acre with ground application. Use 1 to 1 1/2 pints in 10 to 20 gallons water per acre. On young fruit plantings, use a minimum of 15 gallons water per acre by air. Repeat at 7 to 10 day intervals (14-21 day intervals in the West). Repeat application to prevent Aphid buildup—1/8 to 1/4 pint per 100 gallons water. Do not exceed 1 pint per acre with ground application.

**COTTON (30): (California and Arizona Only): Early Season (2 through 10 leaf stage)—***Aphids, Thrips, Fleahoppers, Spider Mites*—Apply 2 to 3 applications of 3 ounces per acre with ground equipment. Spray directly on young plants in sufficient water to cover. Make first application at the second true leaf stage. **Mid and Late Season—***Lygus, Flea Beetles, Leafhoppers*—8 ounces per acre in water to cover, by ground or air. *Aphids*—4 ounces per acre by ground or air. **Air Application—**Use 1 to 5 gallons water per acre. Use 30 to 250 gallons/acre by ground. Do not apply more than 3 sprays. Do not graze treated cotton fields.

**POTATOES (14):** *Aphids, Colorado Potato Beetles, Leafhoppers, Leafminer, Flea Beetles, Stinkbugs*—1/2 pint per acre in water to cover by ground application (1 to 5 gallons by air). Repeat as necessary. *Tuberworm*—1/2 to 1 pint per acre in water to cover by ground (10 gallons by air). Apply prior to row closing or at first sign of leaf mining. Repeat every 10 to 12 days. Use 30 to 250 gallons/acre by ground.

**WALNUTS (7):** *Aphids, Codling Moth*—1 pint in 400 gallons water per acre by ground application (10 to 20 gallons by air). *Walnut Husk Fly*—1 pint in 200 to 300 gallons water per acre by ground (10 to 20 gallons by

air). Apply after egg stings first occur on the husks.

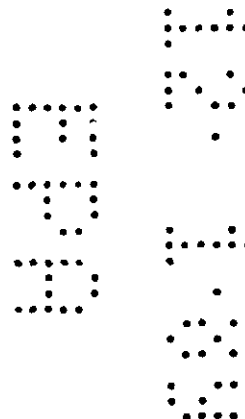
**Terms of Sale or Use:** On purchase of this product buyer and user agree to the following conditions:

**Warranty:** Platte makes no warranty, express or implied, concerning the use of this product other than indicated on the label. Except as so warranted, the product is sold as is. Buyer and user assume all risk of use and/or handling and/or storage of this material when such use and/or handling and/or storage is contrary to label instructions.

**Directions and Recommendations:** Follow directions carefully. Timing and method of application, weather and crop conditions, mixture with other chemicals not specifically recommended and other influencing factors in the use of this product are beyond the control of the Seller and are assumed by the buyer at his own risk.

**Use of Product:** Platte's recommendations for the use of this product are based upon tests believed to be reliable. The use of this product being beyond the control of the manufacturer, no guarantee, express or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice.

**Damages:** Buyer's or user's exclusive remedy for damages for breach of warranty or negligence shall be limited to direct damages not exceeding the purchase price paid and shall not include incidental or consequential damages.



FORMULATED FOR  
**PLATTE CHEMICAL CO.**  
150 SO. MAIN STREET      FREMONT, NEBRASKA 68025

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Residue Effects on Avian and Mammalian Species

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## SUPPLEMENTAL LABELING

### APPLICATION THROUGH IRRIGATION SYSTEMS—CHEMIGATION



# PHOSPHAMIDON 8 SPRAY

EPA REG. NO. 34704-380

Apply this product only through sprinkler including center pivot, lateral move, end tow side (wheel) roll, traveler big gun, solid set, or hand move flood (basin), furrow, border, or drip (trickle) irrigation system(s). 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 nonuniform distribution of treated water.

If you have questions about calibration, you should contact State Extension Service specialists, 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.

Posting of areas to be chemigated is required when 1) any part of a treated area is within 300 feet of sensitive areas such as residential areas, labor camps, businesses, day care centers, hospitals, in-patient clinics, nursing homes or any public areas such as schools, parks, playgrounds, or other public facilities not including public roads, or 2) when the chemigated area is open to the public such as golf courses or retail greenhouses.

Posting must conform to the following requirements: Treated areas shall be posted with signs at all usual points of entry and along likely routes of approach from the listed sensitive areas. When there are no usual points of entry, signs must be posted in the corners of the treated areas and in any other location affording maximum visibility to sensitive areas. The printed side of the sign should face away from the treated area towards the sensitive area. The signs shall be printed in English. Signs must be posted prior to application and must remain posted until foliage has dried and soil surface water has disappeared. Signs may remain in place indefinitely as long as they are composed of materials to prevent deterioration and maintain legibility for the duration of the posting period.

All words shall consist of letters at least 2 1/2 inches tall, and all letters and the symbol shall be a color which sharply contrasts with their immediate background. At the top of the sign shall be the words KEEP OUT, followed by an octagonal stop sign symbol at least 8 inches in diameter containing the word STOP. Below the symbol shall be the words PESTICIDES IN IRRIGATION WATER.

#### CHEMIGATION SYSTEMS CONNECTED TO PUBLIC WATER SYSTEMS

Note: Platte Chemical Co. does not encourage connecting chemigation systems to public water supplies. The following information is provided for users who have diligently considered all other application and water supply options before electing to make such a connection.

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 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.

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 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 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.

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

#### SPRINKLER 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 backflow.

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.

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.

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

Mix in clean supply tank the recommended amount of this product for acreage to be covered, and needed quantity of water.

This product should not be tank mixed with other pesticides, surfactants or fertilizers unless prior use has shown the combination noninjurious under your conditions of use.

Follow precautionary statements and directions for all tank mix products.

On all crops, use sufficient gallonage of water to obtain thorough and uniform coverage, but not cause runoff or excessive leaching. This may vary depending on equipment, pest problem and stage of crop growth. Application of more or less than optimal quantity of water may result in decreased chemical performance, crop injury or illegal pesticide residues.

Meter this product into the irrigation water uniformly during the period of operation. Do not overlap application. Follow recommended label rates, application timing, and other directions and precautions for crops being treated.

Continuous mild agitation of pesticide mixture may be needed to assure a uniform application, particularly if the supply tank requires a number of hours to empty.

ALL APPLICABLE RESTRICTIONS, PRECAUTIONS, AND DIRECTIONS ON THE EPA REGISTERED PRODUCT LABEL MUST BE FOLLOWED.

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