

RESTRICTED USE PEST. CIDE

**Due to Acute Dermal Toxicity to Humans
and
Residue Effects 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.**

Front no
PM 16
10163 US
10/16

PHOSPHAMIDON 8 SPRAY

ACTIVE INGREDIENTS		78%
Phosphamidon: 2-chloro-3-(diethylamino)-1-methyl-3-oxo-1-propenyl dimethyl phosphate		75.5%
Related compounds		2.5%
INERT INGREDIENTS		22%
TOTAL		100%

ACCEPTED
with COMMENTS
in EPA Letter Dated:

24 1989

KEEP OUT OF REACH OF CHILDREN

(red) → ☠ DANGER - POISON ☠ ← (red)

PELIGRO

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
10/163-45

PRECAUTION: AL USUARIO: Se usará no lee inglés: no use este producto hasta que la etiqueta haya sido traducida completamente.

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED—Call a physician immediately. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Repeat until vomit fluid is clear. Do not induce vomiting if given anything by mouth to an unconscious person. Have victim lie down and keep quiet.

IF INHALED—Remove victim to fresh air. Apply artificial respiration if indicated. Get medical attention.

IF IN EYES—Immediately flush eyes with plenty of clear water for at least 15 minutes. Get medical attention if irritation persists.

IF ON SKIN—Remove contaminated clothing and immediately wash skin with soap and water.

NOTE TO PHYSICIAN: Atropine is antidote. 2-PAM is also antidote and may be administered in conjunction with Atropine.

DO NOT STORE OR USE AROUND THE HOME
SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONS
NET CONTENTS 1 GALLON
GOWAN COMPANY
AGRICULTURAL CHEMICALS

EPA Reg No 10163-45 AA
EPA EN No 10163-AZ-1

P.O. Box 5569
Yuma, AZ 85366

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Yuma, AZ
85366-5569

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

DANGER: Poisonous if swallowed, inhaled or absorbed through skin. Rapidly absorbed through skin. Causes eye irritation. Do not get on skin, in eyes, or on clothing. Wash hands, arms and face thoroughly with soap and water before eating or smoking. Use all protective equipment specified in "Directions for Use" section of this label. Wash all contaminated clothing with soap and water before reuse. Do not contaminate food or feed. Do not apply this product in such a manner to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons.

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.

PHYSICAL AND CHEMICAL HAZARDS

FLAMMABLE Keep away from heat, open flame, sparks or hot surfaces. USE ONLY IN WELL VENTILATED AREA. Keep container closed. Clean up spills immediately. This product presents a fire hazard. Liquid quickly evaporates and forms vapor (fumes) which can catch fire and burn with explosive violence. Invisible vapor spreads easily and can be set on fire by many sources such as pilot lights, welding equipment and electrical motors and switches. Fire hazard is greater as liquid temperature rises above 75°F.

DO NOT heat this container. Replace cap or bung. Emptied container still contains hazardous or explosive vapor or liquid.

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DIRECTIONS FOR USE

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

Re-entry Interval

Re-entry into treated areas is prohibited for 48 hours after the end of application, unless the protective clothing specified on this label for early re-entry is worn. Because certain states may require more restrictive re-entry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

Protective Clothing for Early Reentry

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).

Warning Statements

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. 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 and oral warnings must contain the following information: **DANGER--Area treated with phosphamidon on (date of application). Do not enter without appropriate protective clothing for 48 hours. In case of accidental exposure, follow instructions under Statement of Practical Treatment section.**

Protective Clothing, Equipment, and Work Safety Practices
Required for Product Use

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, hand, 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.

~~(The following label statement concerning application using an enclosed cab or cockpit is optional.)~~

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.

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DIRECTIONS FOR USE
READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH CAUTIONS, WARNINGS, AND DIRECTIONS, AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS. REFER TO STATE AGRICULTURAL EXPERIMENT STATION FOR THE TIMING OF APPLICATIONS.

CAUTION STATEMENT
Do not apply the product through any type of irrigation system.
Do not apply under conditions involving possible drift to food, storage or other plantings that might be damaged or the crops thereof rendered unfit for sale, use or consumption.

BEE CAUTION: 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 use on Maple Trees, Peaches, Plums or Sweet Cherries as injury may occur. Avoid drift to these.

DILUTION DIRECTIONS

The rate required for uniform coverage varies with plant growth at time of application. Unless otherwise specified for a particular crop, use the following ranges to determine appropriate water dilution rates.

Ground Dilute Application

Vegetable and Field Crops: Apply specified rate in 20 to 250 gallons of water per acre.

Tree Crops: Apply specified rate in 100 to 800 gallons of water per acre. For citrus, use up to 3,000 gallons of water per acre.

Ground Concentrate Application

Vegetable and Field Crops: Apply specified rate in not less than 5 gallons of water per acre.

Tree Crops: Apply specified rate in 30 to 100 gallons of water per acre.

For young fruit plantings, use at least 20 gallons of water per acre.

Special concentrate equipment is required for these applications.

Air Application

Vegetable and Field Crops: Apply specified rate in 5 to 10 gallons of water per acre.

Tree Crops: Apply specified rate in 10 to 20 gallons of water per acre. For small fruits, use a minimum of 7 gallons of water per acre.

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CROP USE RECOMMENDATIONS

APPLES: EARLY AND DELAYED DORMANT ONLY--Green and Rosy Apple Aphids, European Red Mite, San Jose Scale, Fruittree Leafroller: Use 1/2 pint per 100 gallons (up to 2 pints per acre) plus 2 gallons of a heavy 70 sec. spray oil (1 1/2 gallons of a very heavy 140 sec. oil in Western States). Do not combine oil sprays with sulfur or captan.

PRE-BLOSSOM and POST-BLOSSOM COVER SPRAYS--First Brood Codling Moth, Leafhoppers, Green and Rosy Apple Aphids, Leaf Miners: Use 1/2 pint per 100 gallons (up to 2 pints per acre). Repeat at 7 to 14 day intervals (14 to 21 day intervals in the West). Repeat applications to prevent aphid buildup: Use 1/6 pint per 100 gallons (or 2/3 pint per acre). In the Pacific Northwest, do not exceed 3/4 pints per acre in July and August.

Do not use phosphamidon on apples within 30 days of harvest. Do not treat under wet cool conditions or high humidity. Do not treat when trees are under stress from poor moisture or nutrient conditions. Do not combine with products containing zinc.

~~BROCCOLI, CAULIFLOWER: Aphids, Imported Cabbageworm--1/2 to 1 pint in water to cover per acre. Apply every 10 to 14 days in a preventative program for aphid control. Do not apply within 3 days of harvest.~~
~~CANTALOUPE, WATERMELON: Aphids, Leaf Miner, Leafhopper--1/2 to 1/4 pt per acre in water to cover. Do not apply within 3 days of harvest.~~

Delete

~~CUCUMBERS: Aphids, Leaf Miner, Leafhopper--1/4 to 1/2 pt per acre in water to cover. Do not apply within 3 days of harvest.~~
~~TANGERINES (California and Arizona Only) ORANGES, GRAPEFRUIT, LEMON: Aphids, Thrips--1/4 to 1/2 pt per 100 gals water (Ground Application)--1 1/4 to 2 1/4 pt per acre in water to cover. Air Application--1/2 to 1/4 pt per acre in water to cover. Repeat as necessary. Apply during periods of rapid growth or new flush growth. Do not apply within 45 days of harvest.~~
~~PEPPERS: Aphids, Leaf Miners, White Fly--1/2 pt per acre in water to cover when insects appear. European Corp Borer--1 pt per acre in water to cover when Corn Borer infestation is expected. Do not apply within 6 days of harvest.~~

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~~POTATOES: Aphids, Colorado Potato Beetle, Leafhoppers, Leaf Miner, Flea Beetles, Blightbugs--1/2 pint per acre in water to cover. Repeat as necessary. Tuber Worm--1/2 to 1 pt per acre in water to cover by ground (10 gals by air). Apply prior to rows closing or at first sign of leaf mining. Repeat every 10 to 12 days. Do not apply within 7 days of harvest.~~
~~TOMATOES: Aphids, Colorado Potato Beetle, Leaf Miner, White Fly, Flea Beetles, Blightbugs--1/2 pt per acre in water to cover. Repeat as necessary. Do not apply within 10 days of harvest.~~

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~~WALNUTS: Aphids, Codling Moth--1 pt per acre (Ground--400-gals-water. Air--10 to 20 gals-water). Walnut Husk Fly--1 pt per acre (Ground--400 to 500-gals-water. Air--10 to 20-gals-water) applying after egg strings first occur in the husks. Do not use within 7 days of harvest.~~

STORAGE AND DISPOSAL

FLAMMABLE Keep away from heat, open flame, sparks or hot surfaces. Keep container closed. Store in a cool, dry place. (For more information, see Physical and Chemical Hazards section.)
DO NOT CONTAMINATE water, food or feed by storage or disposal.
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: 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.

NOTICE ON CONDITIONS OF SALE

Our recommendations for 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, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or instructions on this product. The buyer must assume all responsibility, including injury or damage, resulting from its misuse or such, or in combination with other materials.

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