

packet copy

Front panel

PM 16  
10163-45  
10/4

**RESTRICTED USE PESTICIDE**

**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.**

# 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%

KEEP OUT OF REACH OF CHILDREN

(red)  **DANGER - POISON**  (red)  
**PELIGRO**

PRECAUCION AL USUARIO: Si usted no lee ingles, no use este producto hasta que la etiqueta haya sido explicada ampliamente.

**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 or give 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 antidotal. 2 PAM is also antidotal 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**

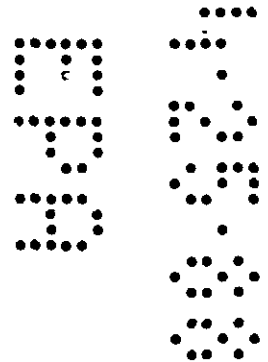
EPA Reg No 10163-45 AA  
EPA Est No 10163-AZ-1

P O Box 5696  
Yuma Co County Ariz 85402  
Yuma AZ 85364

**ACCEPTED  
with COMMENTS  
in EPA Letter Dated:**

**JUL 18 1988**

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.



**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.

**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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**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 rinse 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.

**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.**  
 Do not apply under conditions involving possible drift to food, forage or other plantings that might be damaged or the crops thereof rendered unfit for sale, use or consumption.

*See 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.

*Chemigation Statement:* Do not apply to any type of irrigation system.

Do not use on Maple Trees, Peaches, Plums or Sweet Cherries as injury may occur. Avoid drift to these.

Phosphamidon 8 Spray is a liquid systemic insecticide for the control of both sucking and chewing insects. It may be applied as a dilute spray or as a concentrate spray.

**USE DESIGNATED AMOUNT OF PRODUCT IN THE FOLLOWING GALLONS WATER PER ACRE UNLESS OTHERWISE NOTED:**

**GROUND APPLICATION—vegetable and Field Crops—**20 to 250 gals. Deciduous Fruit Crops—40 to 800 gals. Citrus (Conventional Type Sprayers)—100 to 3,000 gals. (On Young Fruit Plantings—Use a minimum of 20 gals. water per acre.)

**Where Recommended for Air Application—Field Crops—**5 to 10 gals. Small Fruits—7 to 20 gals. Citrus (mature)—10 to 20 gals. Tree Crops (mature)—10 to 20 gals.

**APPLES: EARLY DELAYED DORMANT ONLY—**Green and Rosy Apple Aphids, European Red Mite, San Jose Scale, Fruit Tree Leafroller—1/4 pt. plus 2 gals. of a heavy 70 sec. oil (1 1/2 gals. of a very heavy 140 sec. oil in Western States) per 100 gals. water as full coverage sprays. Do not combine oil sprays with Sulfur, Captain or Folpet.

**PRE—BLOSSOM and POST—BLOSSOM FIRST BROOD COVER SPRAYS—**First Brood Codling Moth, Leafhoppers, Green and Rosy Apple Aphids, Leaf Miners—1/4 pt. per 100 gals. water. Repeat at 7 to 10 day intervals (14 to 21 day intervals in the West). Repeat Application to Prevent Aphid Buildup—1/4 pt. per 100 gals. water. Do not use phosphamidon on Apples within 30 days of harvest.

**BROCCOLI, CAULIFLOWER:** Aphids, Imported Cabbageworm—1/2 to 1 pint in water to cover one 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—1/4 to 1/2 pt. per acre in water to cover. Do not apply within 3 days of harvest.

**COTTON:** Early Season (2 through 10 leaf stage)—Aphids, Thrips, Fleahoppers (Except Texas and Oklahoma), Spider Mites—Apply 2 or 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 2 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. Repeat as necessary. Do not use within 2 weeks of harvest.

**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 1/2 pts. per acre in water to cover. Air Application—1/2 to 3/4 pt. per acre in water to cover. Repeat as necessary. Apply during periods of aphid attack on new flush growth. Do not apply within 15 days of harvest.

**PEPPERS:** Aphids, Leaf Miners, White Fly—1/2 pt. per acre in water to cover when insects appear. European Corn Borer—1 pt. per acre in water to cover when Corn Borer infestation is expected. Do not apply within 6 days of harvest.

**POTATOES:** Aphids, Colorado Potato Beetles, Leafhoppers, Leaf Miner, Flea Beetles, Stinkbugs—1/2 pint per acre in water to cover. Repeat as necessary. Tatter Worm—1/10 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 Borer, Leaf Miner, White Fly, Flea Beetles, Stinkbugs—1/2 pt. per acre in water to cover. Repeat as necessary. Do not apply within 10 days of harvest.

**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—200 to 300 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.

**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 established safe practice. The buyer must assume all responsibility, including injury or damage, resulting from its misuse as such, or in combination with other materials.

(rev:app 1-4-84 9-84)

**ORGANOPHOSPHORUS PESTICIDE, LIQUID, NOS. POISON B, UN 2783**

