

Reg # 10163-78 PM-12

175
initial copy

OCT 11 1990

Ms. Elizabeth Codrea
Gowan Company
P.O. Box 5569
Yuma, AZ 85366-5569

Dear Ms. Codrea:

Subject: Deletion of Pistachios
Gowan Azinphos-M 50 WP
EPA Registration No. 10163-78
Your submission of July 23, 1990

The amendment referred to above, submitted in connection with registration under FIFRA, is acceptable provided that you:

Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 Enclosure for a further description of final printed labeling.

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 bearing the amended labeling constitutes acceptance of these conditions.

A stamp copy of the labeling is enclosed for your records.

Sincerely yours,

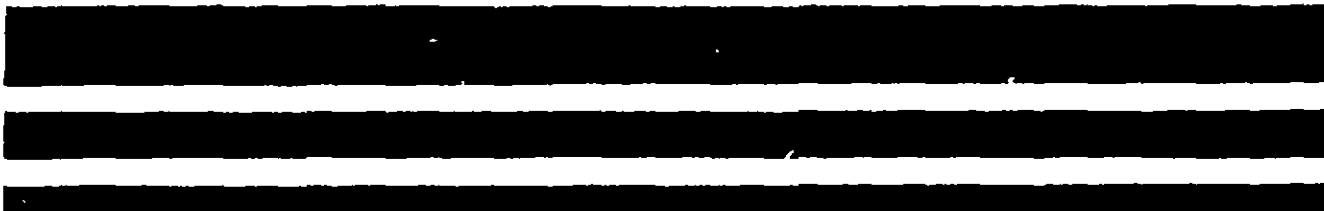
Dennis H. Edwards, Jr.
Product Manager (12)
Insecticide-Rodenticide Branch
Registration Division (H-7505C)

Enclosure

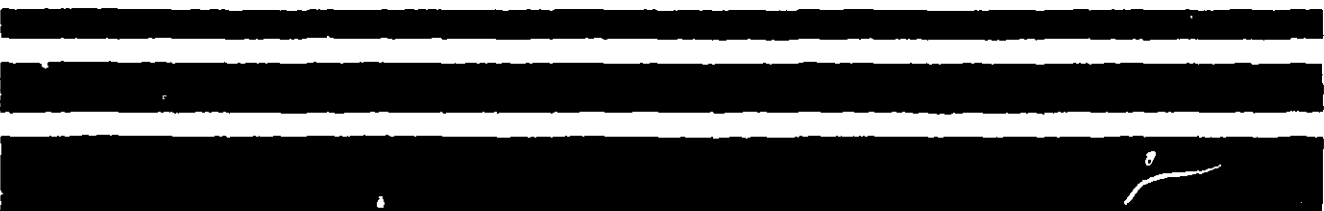
RESTRICTED USE PESTICIDE

• To Acute Toxicity
For retail sale to use only by certified applicators or person under their direct supervision and only for those uses covered by the Certified Applicator's Certification.

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GOWAN AZINPHOS-M 50 WP



ACTIVE INGREDIENT

O,O-Dimethyl S-(4-oxo-1,2,3-Benzotriazin-3 (4-H)-yl) methyl phosphorodithioate

BY WT.

50.0%

INERT INGREDIENTS

50.0%

TOTAL 50.0%
**ACCEPTED
AND COMMENTED
to EPA Letter Dated**

KEEP OUT OF REACH OF CHILDREN

OCT 11 1990



**DANGER-POISON
PELIGRO**



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

SEE BACK PANEL FOR ADDITIONAL PRECAUTIONS

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

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED — Call a physician or Poison Control Center 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 give anything by mouth to an unconscious person.

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

IF IN EYES — Flush eyes with plenty of clear water for at least 15 minutes, and get medical attention if irritation persists.

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

NOTE TO PHYSICIAN

ANTIDOTE — Administer atropine sulfate in large therapeutic doses. Repeat as necessary to the point of tolerance. 2-PAM is also antidotal, and may be administered in conjunction with atropine. Azinphos-M inhibits cholinesterase, resulting in stimulation of the central nervous system, the parasympathetic nervous system and the somatic motor nerves. Do not give morphine. Watch for pulmonary edema, which may develop in serious cases of poisoning even after 12 hours. At first sign of pulmonary edema, the patient should be placed in an oxygen tent and treated symptomatically.

Net Weight 5 Pounds

Contains 5 one pound water soluble packages

Gowan Company

EPA Reg. No. 10163-78
EPA Est. No. 10163-AZ-1

P.O. Box 5569
Yuma, AZ 85366

local exhaust ventilation. Keep all unprotected persons, children, livestock, and pets away from treated areas or where there is danger of drift.

Do not rub eyes or mouth with hands. If you feel sick in any way, STOP work and get help right away. See First Aid section of the label.

For questions regarding further treatment, or information about the product, call the National Pesticide Telecommunications Network at 800-858-7378.

HANDLE THE CONCENTRATE ONLY WHEN WEARING THE FOLLOWING PROTECTIVE CLOTHING AND EQUIPMENT: Wear a protective suit of one or two pieces that covers all parts of the body except the head, hands, and feet. Wear chemical resistant gloves, chemical resistant apron, and chemical resistant shoes, shoe coverings, or boots. Wear goggles or a face shield and a pesticide respirator approved by the National Institute for Occupational Safety and Health under the provisions of 30 CFR Part II.

WEAR THE FOLLOWING PROTECTIVE CLOTHING DURING APPLICATION, EQUIPMENT REPAIR, EQUIPMENT CLEANING, DURING REENTRY TO TREATED AREAS, AND DISPOSAL OF THE PESTICIDE: Wear a protective suit of one or two pieces that covers all parts of the body except the head, hands, and feet. Wear chemical resistant gloves and chemical resistant shoes, shoe coverings, or boots. Wear a chemical resistant hat during airblast application.

During application from an enclosed tractor cab or airplane cockpit, or other suitable vehicle in which the windows are rolled up, long sleeved shirt and long pants may be worn in place of the above protective clothing. Chemical resistant gloves must be worn while exiting. This clothing is inadequate to protect you during equipment repair, equipment cleaning, re-entry, or during pesticide disposal.

IMPORTANT! BEFORE REMOVING GLOVES, WASH THEM WITH SOAP AND WATER. ALWAYS WASH HANDS, FACE, AND ARMS WITH SOAP AND WATER BEFORE SMOKING, DRINKING, EATING OR TOILETING. After work take off all clothing and shoes. Shower using soap and water. Do not wear contaminated clothing. Wash protective clothing and protective equipment with soap and water after each use. Respirators must be cleaned and filters replaced according to instructions provided with respirators. Clothing worn during use must be laundered separately from household articles. Clothing and protective equipment heavily contaminated or drenched with azinphos-methyl must be destroyed according to state and local regulations. **HEAVILY CONTAMINATED OR DRENCHED CLOTHING CANNOT BE ADEQUATELY DECONTAMINATED.**

During aerial application, human flaggers are prohibited unless in totally enclosed vehicle.

Symptoms of Poisoning: A sense of "tightness" in the chest. Sweating. Contracted pupils. Stomach pains. Vomiting and diarrhea. **TREATMENT:** In case of poisoning, call a physician immediately. (See Statement of Practical Treatment section, also).

DIRECTIONS FOR USE

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

RE-ENTRY STATEMENT

Do not enter treated areas for 24 hours after application unless protective clothing is worn, as described in the product labeling.

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.

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 include the following information: DANGER — Area treated with Azinphos-M on (date of application). Do not enter without appropriate protective clothing for 24 hours in case of accidental exposure. Follow instructions under Statement of Practical Treatment section.

STORAGE AND DISPOSAL

STORE IN a cool, dry place below 120°F. Do not store next to herbicides.

DO NOT CONTAMINATE water, food or feed by storage or disposal. Open dumping is prohibited.

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: Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

CROP USE INSTRUCTIONS

See attached booklet/folder for application instructions.

GOWAN AZINPHOS-M 50 WP

EPA Reg. No. 10163-78

IN WATER SOLUBLE BAGS

Directions For Use

Gowan Company
P.O. Box 5569
Yuma, AZ 85366-5569

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

DIRECTIONS FOR USE OF WATER SOLUBLE BAGS:

Each bag containing Gowan Azinphos-M 50 WP are water soluble. Do not allow packet to become wet prior to adding to the spray tank. Do not handle with wet hands. Use a plastic water bag to protect remaining packets. To prepare a spray mixture, drop the required number of unopened packets, as determined under "recommendations," into the spray tank while filling with water to the desired level. Operate the agitator while mixing. Depending on the water temperature and the degree of agitation, the packets should be completely dissolved within approximately 5 minutes from the time they were added to the water. Use the specified dosage of Gowan Azinphos-M 50 WP in the amount of water necessary to give complete coverage of the crop. Determine the total amount of wettable powder to be added to the spray tank based on the rates under "recommendations." For each 1 pound of wettable powder to be added to the spray tank, use one 1 pound packet.

SPRAYING

Prepare water dilutions appropriate for type of equipment used as described in DILUTION DIRECTIONS. When applying, work with windward. Protect sprayer operators from drift or mist. When low volumes of spray are applied, complete coverage and thorough applications are essential for most effective results. Schedule applications in accordance with local conditions. Consult your State Agricultural Experiment Station or Extension Service for specific use information in your area.

DILUTION DIRECTIONS

The rate required for thorough, uniform coverage varies with plant growth at time of application. Except as specified for certain uses, the following rates are therefore intended to cover a broad range of applications.

Dilute Application

Field and Row Crops: Apply specified rate in 20 to 75 gallons of water per acre.

Trees and Vines: Apply specified rate in 100 to 800 gallons of water per acre. For citrus, use up to 2,000 gallons of water per acre.

Concentrate Application

Ground Application: Apply specified rate in not less than 5 gallons of water per acre.

Trees and Vines: Apply specified rate in 20 to 100 gallons of water per acre. Special concentrate equipment is required for these applications.

Air Application

Field and Row Crops: Apply specified rate in a minimum of 3 gallons of water per acre.

Trees and Vines: Apply specified rate in a minimum of 10 gallons of water per acre. When tank mixing with other products, a premix is suggested to achieve a uniform suspension.

ROTATIONAL CROPS

Do not plant root crops other than those with registered azinphos-methyl uses in azinphos-methyl treated soil sooner than 6 months after the last application. Do not plant any other crop other than those with registered azinphos-methyl uses in treated soil sooner than 30 days after last application.

GENERAL USE

PRECAUTIONS AND RESTRICTIONS

Do not use for any food or forage crop not listed on this labeling. Use only according to label directions. Application at rates above those shown may result in illegal crop residues.

Do not apply this product through any type of irrigation system.

Gowan Azinphos-M 50 WP is compatible with dormant and summer oils; these may be added to sprays in accordance with local recommendations. Do not use oils within 30 days of sulfur or lime sulfur treatment. DO NOT GRAZE LIVESTOCK IN TREATED ORCHARDS OR GROVES FOR 21 DAYS AFTER TREATMENT. Where specific grazing restrictions are given for a crop listing, follow these specific directions.

Do not treat food crops grown in the greenhouse.

RECOMMENDATIONS FIELD CROPS

ALFALFA, CLOVER (limited to states East of the Mississippi River) Leafhoppers; Mites— $\frac{1}{2}$ to 1 lb. per acre. Alfalfa Weevil; Egyptian Alfalfa Weevil— $\frac{1}{4}$ to $\frac{1}{2}$ lbs. per acre. Alfalfa Plant Bug, Fleahopper; Grasshoppers; Lygus Bugs; Spittlebug—1 to $\frac{1}{2}$ lbs. per acre. Apply using a minimum of 10 gallons of water per acre. 20 to 25 gallons of water per acre (with ground equipment) may be necessary on heavy growth for control of Alfalfa Weevil or Egyptian Alfalfa Weevil. DO NOT apply within 14 days of harvest at rates from $\frac{1}{2}$ to $\frac{3}{4}$ lb. per acre, or within 16 days of harvest at rates of 1 lb. per acre. DO NOT apply rates above 1 lb. per acre within 21 days of harvest. DO NOT apply more than once per cutting at any rate.

BARLEY; OATS; RYE; WHEAT: Cereal Leaf Beetle; Apply $\frac{1}{4}$ to 1 lb. per acre in sufficient water for complete coverage. DO NOT apply more than once per season. DO NOT harvest for food, feed, or forage within 30 days of treatment.

COTTON: Bollweevil— $\frac{1}{4}$ to $\frac{1}{2}$ lb. per acre. Bollworm—1 to 2 lbs. per acre. Brown Cotton worm; Cotton Fleahopper; Cotton Leafy Thrips— $\frac{1}{2}$ lb. per acre. Rapid Plant Bug; Tarnished Plant Bug— $\frac{1}{2}$ to 1 lb. per acre. Apply by ground air equipment in sufficient water for complete coverage but not less than 5 gallons of water per acre. For early season control of Pink Bollworm, use 1 to $\frac{1}{2}$ lbs. and for mid- to late-season applications, use $\frac{1}{2}$ to 1 lb. Repeat as necessary. DO NOT apply within 14 days of picking. Cotton receiving late-season application should not be pastured.

SOYBEANS: Aphids; Bean Leaf Beetle; Green Clover worm; Leafhoppers; Leaf Miners; Leaf Rollers; Bugs; Velvet Bean Caterpillar—Apply $\frac{1}{4}$ to 1 lb. per acre. Mexican Bean Beetle—Apply 1 to $\frac{1}{2}$ lb. per acre. Apply in sufficient water for complete coverage. Repeat as necessary. DO NOT apply within 45 days of harvest. DO NOT graze or feed treated vines to livestock.

TOBACCO: Aphids; Grasshoppers; Tobacco worm; Tobacco Flea Beetle—1 to $\frac{1}{2}$ lbs. per acre. Tobacco Budworm— $\frac{1}{2}$ lbs. per acre. Apply in sufficient water for complete coverage. Treat for worms as soon as egg masses or worms are first seen. Repeat as necessary. DO NOT apply within 60 days of harvest. Prime before treating.

FRUIT

APPLES; CRABAPPLES; PEARS; QUINCES: Apple Maggot; Codling Moth; European Apple Moth; Eye-Spotted Bud Moth; Forbes Scale; Fruit Tree Leafroller; Green Fruitworm; Leafhoppers; Mealybugs; Mites; Orange Tortrix; Pear Psylla; Plum Curculionid Scale; Red-Banded Leaf Roller; San Jose Stink Bug; Tarnished Plant Bug—Apply $\frac{1}{2}$ to $\frac{3}{4}$ lb. per acre in 100 gallons of water as a full coverage spray. Do not use more than 1000 gallons of finished spray per acre. Repeat as necessary. DO NOT apply more than once per season, or within 15 days of harvest. An alternate spray schedule may be used by making 6 applications at rates of $\frac{1}{2}$ to $\frac{3}{4}$ lb., followed by 2 applications at the $\frac{1}{2}$ lb. rate, but not within 7 days of harvest. Gowan Azinphos-M 50 WP is compatible with dormant and summer oils, which may be added to APPLE and PEAR sprays in accordance with local recommendations. DO NOT use oils within 30 days of sulfur or lime sulfur treatments. FOR AERIAL APPLICATIONS: Apply 3 lbs. in a minimum of 3 gallons of water per acre in the Northwestern States, and a minimum of 10 gallons of water per acre in other areas. Apply by fixed-wing aircraft or helicopter aircraft. Where Aphids and Mites are a problem, aerial applications may not provide satisfactory control. DO NOT apply more than 5 times at the 2 lb. rate, or 3 times at rates above 2 lbs. DO NOT apply within 7 days of harvest.

APRICOTS; NECTARINES; PEACHES: Aphid; European Peach Scale; European Fruit Lecanium; Forbes Scale; Lesser Peach Tree Borer; Mites; Peach Tree Borer; Platynota flavedana Leaf Roller; Plum Curculio; Red-Banded Leaf Roller; San Jose Scale

