



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

8/14/2007

Julie M. Butcher
Gowan Company
PO Box 5569
Yuma, AZ 85366

re: Gowan Azinphos-M 50 WSB, EPA Reg. # 10163-78
label amendment submitted 8/13/2007
accepted

Dear Ms. Butcher:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is ACCEPTED. This label amendment corrects an error in the REI text for highbush blueberries on the label approved 8/8/2007.

Submit two (2) copies of your final printed labeling incorporating the above changes prior to releasing your product for shipment. If the above provisions are not complied with the registration will be subject to cancellation in accordance with FIFRA Section 6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

A copy of the label stamped "accepted" is enclosed for your records.

Sincerely yours,

A handwritten signature in black ink, appearing to read "TCH".

Thomas C. Harris
Insecticide / Rodenticide Branch
Registration Division (7505C)
Office of Pesticide Programs
harris.thomas@epa.gov
(703) 308-9423

enclosure

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RESTRICTED USE PESTICIDE

DUE TO ACUTE TOXICITY

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.

GOWAN AZINPHOS-M 50 WSB

(Water Soluble Bags)

SPECIAL NOTE TO USERS:

Application to Almonds, Pistachios, and Walnuts are prohibited after October 30, 2009.

Application to Apples, Crabapples, Blueberries, Cherries, and Pears are prohibited after September 30, 2012.

Limits on maximum annual application rates may change, depending on the year. Check the directions for use for each crop for details.

ACTIVE INGREDIENT:

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

% BY WT.

50.0%

OTHER INGREDIENTS

50.0%

TOTAL 100.0%

KEEP OUT OF REACH OF CHILDREN



PELIGRO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

FIRST AID

If inhaled	<ul style="list-style-type: none"> Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.
If on skin or clothing	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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 the poison control center or doctor Do not give anything by mouth to an unconscious person.
If in eyes	<ul style="list-style-type: none"> 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.

HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-888-478-0798 for emergency medical treatment information.

NOTE TO PHYSICIAN

This product is an organophosphate insecticide. If symptoms of cholinesterase inhibition are present, atropine sulfate by injection is antidotal. 2-PAM is also antidotal and may be administered, but only in conjunction with atropine.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS DANGER-POISON

Fatal if swallowed, inhaled or absorbed through the skin. Causes moderate eye irritation. Do not breathe vapor, dust or spray mist. Do not get in eyes, on skin or on clothing. Keep out of reach of children and domestic animals. Do not contaminate feed or foodstuffs. 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 this label. For questions regarding further treatment or information about the product, call the National Pesticide Telecommunications Network at 1-800-858-7378. Some materials that are chemical-resistant to this product are barrier laminate, nitrile rubber and neoprene rubber. If you want more options, follow the instructions for category A on an EPA chemical-resistance category selection chart.

ACCEPTED
AUG 14 2007

NET CONTENTS _____ POUNDS

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

010163-00078.20070813.Azinphos 50WSB.pdf

EPA Reg. No. 10163-78
EPA Est. No. 67545-AZ-1



10163-78
Produced For:
Gowan Company
P.O. Box 5569
Yuma, AZ 85366-5569

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Mixers, loaders and applicators using engineering controls, including enclosed-cockpit aerial equipment and enclosed-cab ground equipment (see engineering control options and requirements) must wear:

- Long-sleeved shirt and long pants,
- Shoes plus socks,
- Chemical-resistant gloves when mixing and loading,
- Chemical-resistant apron when mixing and loading,

Applicators not in enclosed-cab ground equipment, handlers supporting aerial application within 300 feet of the application site, and handlers engaged in activities for which use of an engineering control is not possible, such as cleaning up a spill or leak and cleaning, or repairing contaminated equipment must wear:

- Chemical-resistant coveralls over long-sleeve shirt and long pants,
- Chemical-resistant gloves,
- Chemical-resistant footwear plus socks,
- Protective eyewear,
- Chemical-resistant headgear for overhead exposure,
- Chemical-resistant apron, if exposed to the concentrate, and
- A respirator with an organic-vapor removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G), or a NIOSH-approved respirator with an organic vapor (OV) cartridge or canister with any N, R, P or HE prefilter. Do not use type N-series prefilter if oil is added to the spray tank for application.
- See Engineering Controls for additional requirements.

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

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

Engineering Controls: Water-soluble packets when used correctly qualify as a closed mixing/loading system under the Worker Protection Standard for Agricultural Pesticides [40 CFR 170.240(d)(4)]. Mixers and loaders using water-soluble packets must:

- Wear the personal protective equipment required above for mixers/loaders
- Be provided and must have immediately available for use in an emergency, such as a broken package, spill, or equipment breakdown: the PPE specified in the PPE section of this labeling for handlers engaged in those activities for which use of an engineering control is not possible.

Pilots must use an enclosed cockpit that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d)(5)].

Human flagging is prohibited.

When handlers use enclosed cabs in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR 170.240 (d)(5)), the handler PPE requirements may be reduced or modified as specified in the WPS.

Engineering Controls for applications to Almonds, Parsley, Pistachios, and Walnuts:

Applicators using motorized ground equipment for applications to almonds, parsley, pistachios, and walnuts must use an enclosed cab that meets the definition in the Worker Protection Standard for Agricultural Pesticides [40 CFR 170.240(d)(5)] for dermal protection. In addition, applicators must:

- Wear the PPE required in the PPE section of this product labeling for applicators using engineering controls;
- *Either* wear the respirator specified in the PPE section of this product labeling for applicators not using engineering controls *or* use an enclosed cab that is declared in writing by the manufacturer or by a government agency to provide at least as much respirator protection as the type of respirator specified for handlers not using engineering controls,
- Be provided, must have immediately available, and must wear in case of an emergency, when they must exit the cab in the treated area: coveralls, chemical-resistant gloves, chemical-resistant footwear, chemical-resistant headgear, if overhead exposure, and – if not already using one – the respirator specified for handlers not using engineering controls,
 - take off any PPE that was worn in the treated area before reentering the cab, and
 - store all such PPE in a chemical-resistant container, such as a plastic bag, to prevent contamination of the inside of the cab.

Engineering Controls for Apples, Blueberries, Cherries, Crabapples, and Pears:

When handlers use enclosed cabs in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR 170.240(d)(5)), the handler may wear the PPE specified for applicators using engineering controls in the PPE section on this product labeling:

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to fish and wildlife. For terrestrial uses, do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high-water mark. Do not contaminate water when disposing of equipment washwater or rinsate. Drift and runoff may be hazardous to aquatic organisms in neighboring areas.

This product is highly toxic to bees exposed directly to treatment or residues on crops. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area. Protective information may be obtained from your cooperative Agricultural Extension Service.

This chemical can contaminate surface water through spray applications. Under some conditions, it may also have a high potential for runoff into surface water after application. These include poorly draining or wet soils with readily visible slopes toward adjacent surface waters, frequently flooded areas, areas overlaying extremely shallow ground water, areas with in-field canals or ditches that drain to surface water, areas not separated from adjacent surface waters with vegetated filter strips, and areas over-laying tile drainage systems that drain to surface water.

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**DIRECTIONS FOR USE
RESTRICTED USE PESTICIDE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

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 intervals. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow entry into treated areas during the restricted entry interval (REI). The REI for each crop is listed in the directions for use associated with each crop.

Under specified conditions, the Worker Protection Standard (WPS) allows workers to enter pesticide treated areas during a restricted entry interval (REI) to perform certain agricultural tasks. Azinphos-methyl is a double notification chemical. Under WPS, the following exceptions to the REI may apply to double notification chemicals:

- No contact early entry (40CFR 170.112(b))
- Short term tasks with no hand labor (40CFR 170.112(c))
- Tasks during an agricultural emergency (40CFR 170.112(d))
- For complete information on requirements for these early entry exceptions, please refer to "The Worker Protection Standard for Agricultural Pesticides -How to Comply: What Employers Need to Know," dated July 1993 (EPA735-B-93-001), and to the EPA website <http://www.epa.gov/pesticides/safety/workers/workers.htm>

In addition, certified crop advisors and persons performing crop advising tasks under a qualified crop advisor's direct supervision are exempt from certain specified provisions of the WPS. For complete information on crop advisor exemptions under WPS, refer to 40CFR 170.104.

Notify workers of the application by warning them orally and by posting warning signs at entrances to treated areas.

PPE required 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 is:

- Coveralls over long-sleeved shirt and long pants
- Chemical resistant gloves made out of any waterproof material
- Chemical resistant footwear plus socks
- Chemical resistant headgear for over head exposures

MIXING DIRECTIONS

- Packets containing Gowan Azinphos-M 50 WSB are water soluble. Avoid exposing inner bags to moisture.
- Do not allow bags to become wet prior to adding to the spray tank.
- Do not handle inner bag with wet hands.
- Reseal outer bag in a manner that protects remaining packets from moisture.
- Turn on spray tank agitation prior to adding water soluble packets. Buffer the water in the spray tank before adding Gowan Azinphos-M 50 WSB.
- To prepare the 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 (whenever possible direct the fill water over the top of the packets to increase the rate of package dissolution). Where dosages of Gowan Azinphos-M 50 WSB are expressed as fractions of pounds, prepare the tank mix load to the lower of the nearest whole pound.
- Depending on the water temperature and the degree of agitation, the packets should be completely dissolved within approximately three to five minutes from the time they were added to the spray tank.
- Once the packets have completely dissolved, add other chemicals following conventional mixing order practices. (See section entitled COMPATIBILITY.)
- Tank-mix solutions containing boron will affect the solubility of the water soluble film. Thoroughly rinse the spray tank of any boron - containing spray solution prior to adding any water soluble packets. When preparing tank mixes containing boron, add the correct amount of Gowan Azinphos-M 50 WSB to the spray tank first. Make sure that the water soluble packets are completely dissolved. Add boron preparations to the spray tank last because even very low concentrations of boron will inhibit the solubility of the film. Carryover concentrations of boron in the spray tank need to be minimized and may cause dissolved water soluble bag material to precipitate and form insoluble residue in the spray tank system.

SPRAYING

BACKPACK OR HANDHELD SPRAYING IS PROHIBITED.

Prepare water dilutions appropriate for type of equipment used as described in DILUTION DIRECTIONS. When applying, work to windward. Complete coverage and thorough application 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 intended to cover a broad range of applications.

Dilute Application

Field and Row Crops: Apply specified rate in 20 to 75 gals. of water per acre.
Trees and Vines: Apply specified rate in 100 to 800 gals. of water per acre.

Concentrate Application

Field and Row Crops: Apply specified rate in not less than 5 gals. of water per acre.
Trees and Vines: Apply specified rate in 20 to 100 gals. of water per acre.
Special concentrate equipment is required for these applications.

Aerial Application

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Human flagging is prohibited.

Aerial application is prohibited for all crops with the exception of blueberries.

ALL AERIAL APPLICATIONS REQUIRE ENCLOSED COCKPITS.

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

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

Unless specifically prohibited under a crop recommendation, application to all crops is allowed using ground or air equipment. Follow DILUTION DIRECTIONS above.

REQUIREMENTS FOR REDUCING SPRAY DRIFT

Do not apply under circumstances where possible drift to unprotected persons or to food, forage, or other plantings that might be damaged or crops thereof rendered unfit for sale, use or consumption can occur.

1. Use the largest droplet size consistent with acceptable efficacy. Formation of very small droplets may be minimized by appropriate nozzle selection, by orienting nozzles away from the air stream as much as possible and by avoiding excessive spray boom pressure. For groundboom and aerial applications, use medium or coarser spray nozzles according to ASAE 572 definition for standard nozzles or a volume mean diameter (VMD) of 300 microns or greater for spinning atomizer nozzles.

2. Make aerial or ground applications when the wind velocity favors on-target product deposition. Apply only when the wind speed is less than or equal to 10 mph. For all non-aerial applications, wind speed must be measured adjacent to the application site on the upwind side, immediately prior to application.

3. Do not make aerial or ground applications into areas of temperature inversions. Inversions are characterized by stable air and increasing temperatures with increasing distance above the ground. Mist or fog may indicate the presence of an inversion in humid areas. Where permissible by local regulations, the applicator may detect the presence of an inversion by producing smoke and observing a smoke layer near the ground surface.

4. Low humidity and high temperatures increase the evaporation rate of spray droplets and therefore the likelihood of increased spray drift. Avoid spraying during conditions of low humidity and/or high temperatures.

5. All aerial and ground application equipment must be properly maintained and calibrated using appropriate carriers.

6. For ground boom applications, apply with nozzle height no more than 4 feet above the ground or crop canopy.

7. For airblast applications, turn off outward pointing nozzles at row ends and when spraying the outer two rows. To minimize spray loss over the top in orchard applications, spray must be directed into the canopy.

8. For aerial applications, release spray at the lowest height consistent with efficacy and flight safety. If the application includes an aquatic buffer zone, do not release spray at a height greater than 10 feet above the ground or crop canopy.

9. For aerial applications, the spray boom should be mounted on the aircraft so as to minimize drift caused by wing tip vortices. The minimum practical boom length should be used and must not exceed 75% of the wingspan or 90% of rotor blade diameter. Use upwind swath displacement.

To address Integrated Pest Management Issues: Local integrated management systems are available for controlling the pests on this label. Such systems include the use of biological control agents, alternative chemicals, and scouting. Consult your local Extension specialist or other consultant for further details.

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 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 apply to the point of runoff.

Do not apply when bees are in the area.

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.

COMPATIBILITY: Gowan Azinphos-M 50 WSB is compatible with many registered pesticides and liquid fertilizers. **Do not combine with any products unless previous use of the mixture has proven physically compatible and safe to plants.** When mixing Gowan Azinphos-M 50 WSB with any other product, add wettable powders or dry flowable formulations first and then add liquid products. If there is any separation, we recommend that combination not be used. Combination should be kept agitated and should be applied immediately. Do not allow combination to sit for prolonged periods in the chemical supply tank or irrigation lines.

Gowan Azinphos-M 50 WSB is compatible with summer oils; these may be added to sprays in accordance with local recommendations.

Do not graze livestock in treated orchards or groves. Where specific grazing restrictions are given for a crop listing, follow these specific directions. **USE OF THIS PRODUCT IN GREENHOUSES OR ENCLOSED AREAS IS PROHIBITED.**

Do not apply this product within 60 feet of (1) buildings occupied by humans for residential, commercial, or business purpose, including, but not limited to, homes, farmworker housing, or other residential buildings, schools, daycare centers, nursing homes, hospitals, and (2) outdoor recreational areas such as school grounds, athletic fields, and parks. Non-residential agricultural buildings, including barns, livestock facilities, sheds, and outhouses are not included in the prohibition.

Application by chemigation is prohibited.

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PREHARVEST INTERVAL

The required days between the last application and harvest are given in () after each crop name.

FRUIT

NOTE: When treating fruit during the bloom period, it is recommended that bee keepers be warned well in advance to remove hives a safe distance from orchards to be treated.

CROP (PHI)	PEST	LBS. 50 WSB/ ACRE	COMMENTS
<p>APPLES, CRABAPPLES (See text for PHI)</p> <p>Do not use this product on apples or crabapples after September 30, 2012.</p>	<p>Aphid*, Apple Maggot, Codling Moth, European Apple Sawfly, Eyespotted Bud Moth, Forbes Scale, Fruitree Leafroller, Green Fruitworm*, Leafhopper*, Mealybug*, Orange Tortrix, Pear Psylla, Plum Curculio, Putnam Scale, Redbanded Leafroller, San Jose Scale*, Stink Bug, Tarnished Plant Bug*</p>	<p>1½ to 3 (0.75 to 1.5 lbs ai/A)</p>	<p>Apply by ground ½ to 1 lb. per 100 gals. based on 300 gals. per acre. Gowan Azinphos-M 50 WSB is compatible with summer oils, which may be added to apple sprays in accordance with local recommendations.</p> <ul style="list-style-type: none"> • Do not enter or allow entry into treated areas during the restricted entry interval (REI) of 14 days. • PHI – 14 days for rates less than or equal to 1.0 lb ai/A (2.0 lbs of product). • PHI – 21 days for rates greater than 1.0 lb ai/A (2.0 lbs of product). • Allow at least 7 days between applications. • Limit to a yearly maximum application rate of 3.0 lbs ai/A (6.0 lbs of product per acre) per year in 2008 and 2009. • Limit to a yearly maximum application rate of 2.0 lbs ai/A (4.0 lbs of product per acre) per year in 2010. • Limit to a yearly maximum application rate of 1.5 lbs ai/A (3.0 lbs of product per acre) per year in 2011 and 2012. • Maximum single application rate is 1.5 lbs ai/A (3 lbs of product) per acre. • Use during dormant season is prohibited. • Aerial application is prohibited. • For airblast applications, turn off outward pointing nozzles at row ends and when spraying the outer two rows. • Do not graze livestock in treated orchards. • Do not authorize any person who is not covered by the Worker Protection Standard (WPS) such as members of the general public involved in "pick-your-own," "U-pick," or similar operations, to enter a treated area for 44 days after application of this product when applying at rates of 1.01 to 1.5 lbs ai/acre. • Do not authorize any person who is not covered by the Worker Protection Standard (WPS) such as members of the general public involved in "pick-your-own," "U-pick," or similar operations, to enter a treated area for 39 days after application of this product when applying at rates of 0.6 to 1.0 lbs ai/acre. • Do not authorize any person who is not covered by the Worker Protection Standard (WPS) such as members of the general public involved in "pick-your-own," "U-pick," or similar operations, to enter a treated area for 33 days after application of this product when applying at rates of 0.6 lbs ai/acre or less. • A vegetative buffer zone of 60 feet must be maintained around water bodies or aquatic habitat, including, but not limited to, lakes, reservoirs, rivers, streams, marshes, natural ponds, estuaries, and commercial fish ponds.

CROP (PHI)	PEST	LBS. 50 WSB/ ACRE	COMMENTS
<p>PEARS (See text for PHI)</p> <p>Do not use this product on pears after September 30, 2012.</p>	<p>Aphid*, Apple Maggot, Codling Moth, European Apple Sawfly, Eyespotted Bud Moth, Forbes Scale, Fruittree Leafroller, Green Fruitworm*, Leafhopper*, Mealybug*, Orange Tortrix, Pear Psylla, Plum Curculio, Putnam Scale, Redbanded Leafroller, San Jose Scale*, Stink Bug, Tamished Plant Bug*</p>	<p>1½ to 3 (0.75 to 1.5 lbs ai/A)</p>	<p>Apply ¼ to 1 lb. per 100 gals. based on 300 gals. per acre. Gowan Azinphos-M 50 WSB is compatible with dormant and summer oils, which may be added to pear sprays in accordance with local recommendations.</p> <ul style="list-style-type: none"> • Do not enter or allow entry into treated areas during the restricted entry interval (REI) of 14 days. • PHI – 14 days for rates less than or equal to 1.0 lb ai/A (2 lbs of product). • PHI – 21 days for rates greater than 1.0 lb ai/A (2 lbs of product). • Limit to a yearly maximum application rate of 3.0 lbs ai/A (6.0 lbs of product per acre) per year in 2008. • Limit to a yearly maximum application rate of 2.0 lbs ai/A (4.0 lbs of product per acre) per year in 2009 and 2010. • Limit to a yearly maximum application rate of 1.5 lbs ai/A (3.0 lbs of product per acre) per year in 2011 and 2012. • Maximum single application rate is 1.5 lbs ai/A (3 lbs of product per acre). • Allow a minimum of 7 days between applications. • Use during dormant season is prohibited. • Aerial application is prohibited. • For airblast applications, turn off outward pointing nozzles at row ends and when spraying the outer two rows. • Do not graze livestock in treated orchards. • The user shall not authorize any person who is not covered by the Worker Protection Standard (WPS), such as members of the general public involved in "pick-your-own," "U-pick," or similar operations, to enter a treated area after application of this product for the entire growing season.
<p>BLUEBERRIES Lowbush (10) (For use only in the state of Maine)</p> <p>Do not use this product on low bush blueberries after September 30, 2012.</p>	<p>Blueberry Maggot, Fruitworms, Lecanium Scale, Plum Curculio</p>	<p>1 to 1½ (0.5 to 0.75 lbs ai/A)</p>	<p>Apply specified dosage with ground equipment using sufficient water for good coverage.</p> <ul style="list-style-type: none"> • Do not enter or allow entry into treated area during the restricted entry interval (REI) of 10 days. • Limit to 2 applications of 0.75 lbs ai/A (1.5 lbs of product per acre) per year. • Minimum of 10 days between applications. • This product may only be applied in Maine. • Do not authorize any person who is not covered by the Worker Protection Standard (WPS) such as members of the general public involved in "pick-your-own," "U-pick," or similar operations, to enter a treated area for 42 days after application of this product when applying at a 0.75 lbs ai/acre rate. • Do not authorize any person who is not covered by the Worker Protection Standard (WPS) such as members of the general public involved in "pick-your-own," "U-pick," or similar operations, to enter a treated area for 35 days after application of this product when applying at a 0.625 lbs ai/acre rate. • Do not authorize any person who is not covered by the Worker Protection Standard (WPS) such as members of the general public involved in "pick-your-own," "U-pick," or similar operations, to enter a treated area for 30 days after application of this product when applying at a 0.5 lbs ai/acre rate. • A vegetative buffer zone of 60 feet must be maintained around water bodies or aquatic habitat, including, but not limited to, lakes, reservoirs, rivers, streams, marshes, natural ponds, estuaries, and commercial fish ponds. • Aerial application is prohibited.

<p>BLUEBERRIES, Highbush (7) This product may only be applied in the following States: Alabama, Arkansas, Florida, Georgia, Indiana, Michigan, New Jersey, New York, and North Carolina</p>	<p>Blueberry Maggot, Fruitworms, Lecanium Scale, Plum Curculio</p>	<p>1½ (0.75 lbs ai/A)</p>	<p>Apply as a full coverage spray of ½ lb. per 100 gals. based on 300 gals. per acre.</p>
<p>Do not use this product on high bush blueberries after September 30, 2012.</p>	<ul style="list-style-type: none"> • Do not enter or allow entry into treated areas during the restricted entry interval (REI) of 7 days. • Maximum single application rate of 0.75 lbs ai/A (1.5 lbs of product per acre). • Limit to a yearly maximum application rate of 1.25 lbs ai/A (2.5 lbs of product per acre) in 2008 and 2009. • Limit to a maximum application rate of 0.75 lbs ai/A (1.5 lbs of product per acre) in 2010, 2011 and 2012. • Minimum of 7 days between applications • For airblast applications, turn off outward pointing nozzles at row ends and when spraying the outer two rows. • Do not authorize any person who is not covered by the Worker Protection Standard (WPS) such as members of the general public involved in "pick-your-own," "U-pick," or similar operations, to enter a treated area for 42 days after application of this product when applying at rates of 0.626 to 0.75 lbs ai/acre. • Do not authorize any person who is not covered by the Worker Protection Standard (WPS) such as members of the general public involved in "pick-your-own," "U-pick," or similar operations, to enter a treated area for 35 days after application of this product when applying at rates of 0.51 to 0.625 lbs ai/acre. • Do not authorize any person who is not covered by the Worker Protection Standard (WPS) such as members of the general public involved in "pick-your-own," "U-pick," or similar operations, to enter a treated area for 30 days after application of this product when applying at rates of 0.50 lbs ai/acre or less. • Aerial application is permitted only through 2009; after 2009 aerial application is prohibited. • For ground applications: A vegetative buffer zone of 60 feet must be maintained around water bodies or aquatic habitat, including, but not limited to, lakes, reservoirs, rivers, streams, marshes, natural ponds, estuaries, and commercial fish ponds. • For aerial applications: A vegetative buffer zone of 150 feet must be maintained around water bodies or aquatic habitat, including, but not limited to, lakes, reservoirs, rivers, streams, marshes, natural ponds, estuaries, and commercial fish ponds. 		

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FRUIT (continued)

CROP (PHI)	PEST	LBS. 50WSB/ ACRE	COMMENTS
CHERRIES (15) Do not use this product on cherries after September 30, 2012.	Eyespotted Bud Moth, Forbes Scale, Fruit Flies, Fruittree Leafroller, Lesser Peachtree Borer, Plum Curculio, San Jose Scale*, Cherry Leafminer, Mineola Moth	1 ½ (0.75 lbs ai/A)	Apply by ground as a full coverage spray (or Northeast and North Central States: ½ lb. per 100 gals. based on 300 gals. per acre).
	<ul style="list-style-type: none"> Do not enter or allow entry into treated areas during the restricted entry interval (REI) of 15 days. Maximum single application rate of 0.75 lbs ai/A (1.5 lbs of product per acre). Limit to a yearly maximum application rate of 1.5 lbs ai/A (3.0 lbs of product per acre) in 2008 and 2009. Limit to a maximum application rate of 0.75 lbs ai/A (1.5 lbs of product per acre) in 2010, 2011 and 2012. Minimum of 14 days between applications. Use during dormant season is prohibited. Aerial application is prohibited. For airblast applications, turn off outward pointing nozzles at row ends and when spraying the outer two rows. Do not graze livestock in treated orchards. The user shall not authorize any person who is not covered by the Worker Protection Standard (WPS), such as members of the general public involved in "pick-your-own," "U-pick," or similar operations, to enter a treated area after application of this product for the entire growing season. A vegetative buffer zone of 60 feet must be maintained around water bodies or aquatic habitat, including, but not limited to, lakes, reservoirs, rivers, streams, marshes, natural ponds, estuaries, and commercial fish ponds. 		

NUTS

CROP (PHI)	PEST	LBS. 50 WSB/ ACRE	COMMENTS
ALMONDS (30) Do not use this product on almonds after October 30, 2009.	Peach Twig Borer, Navel Orangeworm	3 to 4 (1.5 to 2 lbs ai/A)	Apply by ground specified dosage by concentrate sprayer or as a full coverage spray, using up to 400 gals. of finished spray per acre.
	<ul style="list-style-type: none"> Do not enter or allow entry into treated areas during the restricted entry interval (REI) of 30 days. Limit to 1 application of 2.0 lbs ai/A (4 lbs of product per acre) per year. Only apply this product during the months of June, July or August. Use during the dormant season is prohibited. Aerial application is prohibited. For airblast applications, turn off outward pointing nozzles at row ends and when spraying the outer two rows. Do not graze livestock in treated orchards. Do not spray this product within 300 feet of water bodies or aquatic habitat, including, but not limited to, lakes, reservoirs, rivers, streams, marshes, natural ponds, estuaries, and commercial fish ponds in the following counties of California: Butte, Colusa, Glenn, Madera, Merced, San Joaquin, Solano, Stanislaus, Sutter, Tehama, Yolo, and Yuba. For applications to almonds in all other locations, do not spray within 500 feet of water bodies or aquatic habitat, including, but not limited to, lakes, reservoirs, rivers, streams, marshes, natural ponds, estuaries, and commercial fish ponds. 		
PISTACHIOS (Arizona & California Only) (21) Do not use this product on pistachios after October 30, 2009.	Navel Orangeworm	4 (2 lbs ai/A)	Apply as a full coverage spray, using not more than 500 gals. of finished spray per acre by ground. Make one application from bud break to 10% hullsplit.
	<ul style="list-style-type: none"> Do not enter or allow entry into treated areas during the restricted entry interval (REI) of 21 days. Limit to 1 application of 2.0 lbs ai/A (4 lbs of product per acre) per year. Only apply this product during the months of June through October. Use during dormant season is prohibited. Aerial application is prohibited. For airblast applications, turn off outward pointing nozzles at row ends and when spraying the outer two rows. Do not graze livestock in treated orchards. Do not spray this product within 500 feet of water bodies or aquatic habitat, including, but not limited to, lakes, reservoirs, rivers, streams, marshes, natural ponds, estuaries, and commercial fish ponds. 		
WALNUTS (30) Do not use this product on walnuts after October 30, 2009.	Codling Moth, Filbert Worm, Navel Orangeworm	2 to 4 (1 to 2 lbs ai/A)	Apply specified dosage as a full coverage spray by ground.
	<ul style="list-style-type: none"> Do not enter or allow entry into treated areas during the restricted entry interval (REI) of 30 days. Limit to 1 application of 2.0 lbs ai/A (4 lbs of product per acre) per year. Only apply this product during the months of June, July or August. Use during dormant season is prohibited. Aerial application is prohibited. For airblast applications, turn off outward pointing nozzles at row ends and when spraying the outer two rows. Do not graze livestock in treated orchards. Do not spray this product within 500 feet of water bodies or aquatic habitat, including, but not limited to, lakes, reservoirs, rivers, streams, marshes, natural ponds, estuaries, and commercial fish ponds. 		

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*In some areas, these species may have developed resistance to organophosphate insecticides. Gowan Azinphos-M 50 WSB used alone may not provide satisfactory control in those areas. Consult your local agricultural advisor or Cooperative Extension Service for recommendations.

**This dosage is calculated for conventional hydraulic-type sprayers. When lower volumes of spray are applied per acre with concentrate sprayers, increase the concentration of Gowan Azinphos-M 50 WSB in the spray mixture in order to apply amount of product per acre equivalent to a full coverage spray. See DILUTION DIRECTIONS for water dilution guidelines.

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 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: 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.

FOR 24-HOUR EMERGENCY ASSISTANCE (SPILL, LEAK, OR FIRE), CALL CHEMTREC® (800) 424-9300.
For other product information, contact Gowan Company or see Material Safety Data Sheet.

NOTICE ON CONDITIONS OF SALE AND WARRANTY AND LIABILITY LIMITATIONS

Important: Read the entire Directions for Use and Notice of Conditions of Sale and Warranty and Liability Limitations before using this product. If terms are not acceptable return the unopened container for a full refund.

Our recommendations for use of this product are based on tests believed to be reliable. However, it is impossible to eliminate all risk associated with the use of this product. Crop injury, inadequate performance, or other unintended consequences may result due to soil or weather conditions, off target movement, presence of other materials, method of use or application; and other factors, all of which are beyond the control of Gowan Company. To the extent consistent with applicable law, all such risks shall be assumed by the Buyer and User.

To the extent consistent with applicable law, Gowan Company warrants that this product conforms to the specifications on the label when used in strict conformance with Direction for Use, subject to the above stated risk limitations. **GOWAN COMPANY MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY**

TO THE FULLEST EXTENT PERMITTED BY LAW, GOWAN COMPANY'S EXCLUSIVE LIABILITY FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT WHETHER IN CONTRACT, WARRANTY, TORT, NEGLIGENCE, OR ANY OTHER LEGAL THEORY IS STRICTLY LIMITED TO THE PURCHASE PRICE PAID OR REPLACEMENT OF PRODUCT, AT GOWAN COMPANY'S SOLE DISCRETION.

EPA Text Pending: Azinphos 50 WSB Delete group 3 (to EPA 8-13-07)

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PRINTING ON WATER SOLUBLE BAG:

GOWAN AZINPHOS-M 50 WSB

Contains: 50% O,O-Dimethyl S-(4-oxo-1,2,3-benzotriazin-3 (4-H)-yl) methyl) phosphorodithioate (Azinphos-methyl)



DANGER-POISON



KEEP OUT OF REACH OF CHILDREN

EPA Reg. No.10163-78

RESTRICTED USE PESTICIDE DUE TO ACUTE TOXICITY

Refer to outer bag for instructions

NET CONTENTS __ POUNDS