



**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.

Azinphosmethyl 50W Soluble

AGRICULTURAL INSECTICIDE ORGANOPOSPHATE

For control of certain insect pests on fruit and nuts.
A 50% wettable powder product in water soluble packaging.

Special Notice to Users:
Application to Almonds, Pistachios, and Walnuts are prohibited after October 30, 2009.
Applications 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:	
0,0-Dimethyl S[(4-oxo-1,2,3-benzotriazin-3(4Hyl) methyl] phosphorodithioate	50.00%
INERT INGREDIENTS:	50.00%
TOTAL	100.00%

KEEP OUT OF REACH OF CHILDREN



DANGER/PELIGRO

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

See Additional Precautionary Statements Inside Booklet.

EPA Reg. No. 66330-233
EPA Est. No. 67545-AZ-001
AD021209

101780

Net Weight: 5 x 1 lb.

FIRST AID ORGANOPOSPHATE	
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 a poison control center or doctor. Do not give anything by mouth to an unconscious person.
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 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 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.
<p>IN CASE OF POISONING, CALL A PHYSICIAN IMMEDIATELY. HAVE PATIENT LIE DOWN AND KEEP QUIET. This product is an organophosphorus ester that inhibits cholinesterase.</p>	

PERSONAL PROTECTIVE EQUIPMENT Hazards To Humans And Domestic Animals **DANGER**

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. Do not contaminate feed or foodstuffs. Keep out of reach of children and domestic animals.

SYMPTOMS OF POISONING: A sense of "tightness" in the chest, sweating, contracted pupils, stomach pains, vomiting and diarrhea.

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. Compound 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 case of poisoning even after 12 hours. At first sign of pulmonary edema, the patient should be placed in oxygen tent and treated symptomatically.

EMERGENCY TELEPHONE NUMBERS: Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact:

- **FOR 24-HOUR EMERGENCY MEDICAL ASSISTANCE CALL:** 1-866-303-6952.
- **FOR CHEMICAL EMERGENCY:** Spill, leak, fire, exposure, or accident call CHEMTREC 1-800-424-9300.
- **FOR PRODUCT INFORMATION CALL:** 1-866-761-9397.

PERSONAL PROTECTIVE EQUIPMENT

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category A on an EPA chemical-resistance category selection chart.

Mixers, loaders, 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-sleeved shirt and long pants
- Chemical-resistant gloves,
- Chemical-resistant footwear plus socks,
- Protective eyewear
- Chemical-resistant apron if exposed to the concentrate,
- Chemical-resistant headgear for overhead exposure, and
- A respirator with an organic-vapor removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number 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 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 and 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 used correctly qualify as 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 for mixers/loaders, and
- be provided and must have immediately available, and must wear in an emergency, such as a broken package, spill, or equipment breakdown: chemical-resistant footwear plus socks, and the type of respirator specified in the PPE section of this labeling for spill clean-up.

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)(6)].

Human flagging is prohibited.

Engineering Controls for Applications to Almonds, Pistachios, and Walnuts

Applicators using motorized ground equipment for applications to almonds, 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 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:

1. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
2. Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
3. 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 drained or wet soils with readily visible slopes toward adjacent surface waters, frequently flooded areas, areas overlying extremely shallow ground water, areas with in-field canals or ditches that drain to surface water, areas not separated from adjacent surface water with vegetated filter strips, and area over-laying tile drainage systems that drain to surface water.

STORAGE AND DISPOSAL

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 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: Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Offer for recycling if available, or 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.

**Manufactured For:
ARYSTA LIFESCENCE
NORTH AMERICA, LLC**

15401 Weston Parkway, Suite 150, Cary, NC 27513

PRECAUTIONARY STATEMENTS

Hazards To Humans And Domestic Animals

DANGER

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. Do not contaminate feed or foodstuffs. Keep out of reach of children and domestic animals.

SYMPTOMS OF POISONING: A sense of "tightness" in the chest, sweating, contracted pupils, stomach pains, vomiting and diarrhea.

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- **FOR PRODUCT INFORMATION CALL:** 1-866-761-9397

PERSONAL PROTECTIVE EQUIPMENT

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category A on an EPA chemical-resistance category selection chart.

Mixers, loaders, 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 apron if exposed to the concentrate,
- Chemical-resistant headgear for overhead exposure, and
- A respirator with an organic-vapor removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number 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 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 and 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 used correctly qualify as 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 for mixers/loaders, and
- be provided and must have immediately available, and must wear in an emergency, such as a broken package, spill, or equipment breakdown: chemical-resistant footwear plus socks, and the type of respirator specified in the PPE section of this labeling for spill clean-up.

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)(6)].

Human flagging is prohibited.

Engineering Controls for Applications to Almonds, Pistachios, and Walnuts

Applicators using motorized ground equipment for applications to almonds, 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 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:

1. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
2. Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
3. 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 drained 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 water with vegetated filter strips, and area overlaying tile drainage systems that drain to surface water.

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. Do not apply to the point of runoff.

ROTATIONAL CROP STATEMENT

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

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 interval. 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. Azinphosmethyl is a double notification chemical. Under WPS, the following exceptions to the REI may apply to double notification chemicals:

- no contact early entry [40 CFR 170.112(b)]
- short term tasks with no hand labor [40 CFR 170.112(c)]
- tasks during an agricultural emergency [40 CFR 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 (EPA 735-B-93-001), and to the EPA website at <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 40 CFR 170.104.

The REI for the following crops is 7 days: Blueberries (highbush) and Brussels sprouts

The REI for rabbit eye (lowbush blueberries) is 10 days.

The REI for the apples, crab apples, and pears is 14 days. In addition to the early entry exceptions allowed by the Worker Protection Standard, you may enter or allow workers to enter treated areas to perform fireblight pruning 7 days following application as long as the worker wears coveralls over a long-sleeved shirt and long pants, chemical-resistant gloves made out of any waterproof material, chemical resistant footwear plus socks, chemical-resistant headgear for overhead exposures, and protective eyewear.

The REI for the cherries (sweet and tart) is 15 days.

The REI for pistachios is 21 days.

The REI for the following crops is 30 days: Almonds and Walnuts

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:

1. Coveralls over long-sleeved shirt and long pants
2. Chemical-resistant gloves made from any waterproof material
3. Chemical-resistant footwear plus socks
4. Chemical-resistant headgear for overhead exposure

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

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.

STORAGE AND DISPOSAL

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 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: Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Offer for recycling if available, or 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.

GENERAL INFORMATION

THIS PRODUCT MUST BE LOADED AND MIXED IN A CLOSED SYSTEM.

KEEP WATER SOLUBLE PACKETS IN THIS CONTAINER AND STORE IN A COOL DRY PLACE, BUT NOT BELOW FREEZING (32°F). PROTECT FROM HEAT, KEEP AWAY FROM OPEN FLAME. IF PRODUCT FREEZES OR IS SUBJECTED TO LOW TEMPERATURES, DO NOT APPLY DIRECT HEAT TO THAW OR WARM UP. ENTIRE INNER PACKETS DISSOLVE IN WATER. AFTER OPENING OUTER BAG, DROP THE REQUIRED UNOPENED INNER PACKETS INTO SPRAY TANK AS DIRECTED. DO NOT EXCESSIVELY HANDLE WATER SOLUBLE PACKET OR EXPOSE IT TO MOISTURE, SINCE THIS MAY CAUSE BREAKAGE.

DEALERS SHOULD SELL IN ORIGINAL PACKAGES ONLY.

MIXING:

The enclosed packets containing Azinphosmethyl 50W insecticide are water soluble. Do not allow packet to become wet prior to adding to the spray tank. Do not handle with wet hands. Reseal outer carton to protect remaining packets.

To prepare the spray mixture, drop the required number of unopened packets, as determined under recommended application, into the spray tank, while filling with water to the desired level. Operate the agitator while mixing. Depending on the water temperature and degree of agitation, the packets should be completely dissolved within approximately 5 minutes from the time they were added to the water.

DOSAGE:

Use specified dosage of Azinphosmethyl 50W in the amount of water necessary to give complete coverage of the foliage.

Determine the total amount of wettable powder to be added to the spray tank based on the rates under recommendations for application section. For each one pound of wettable powder to be added to the spray tank, use one 1 pound packet. The type of equipment used will determine the concentration required; however, use of these packets is not recommended for making highly concentrated mixtures.

COMPATIBILITY:

Azinphosmethyl 50W in soluble packets is physically compatible with many registered pesticides and liquid fertilizers. If you have no experience with the combination you are considering, you should conduct tests to determine physical compatibility.

To determine physical compatibility, pour the recommended proportions of each chemical with the same proportion of water as will be present in the chemical supply tank into a suitable container, mix thoroughly and allow to stand for five minutes. If the combination remains mixed, or can be remixed readily, the mixture can be considered physically compatible. Combinations should be kept agitated and should be applied immediately. Do not allow combination to sit for prolonged periods in the chemical supply tank.

SPRAYING:

APPLICATION BY BACKPACK OR HANDHELD SPRAYERS IS PROHIBITED.

Work to windward; protect sprayer operators from drift or mist. When low volumes of spray are applied, 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 information in your area.

USE OF THIS PRODUCT IN GREENHOUSES OR ENCLOSED AREAS IS PROHIBITED.

Do not apply to point of runoff.

Human flagging is prohibited.

Application by chemigation is prohibited.

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

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

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

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

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

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

Aerial applicators must use enclosed cockpits.

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 airstream as much as possible and by avoiding excessive spray boom pressure. For ground boom 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.

GENERAL APPLICATION RESTRICTIONS

Do not apply this product within 60 feet of (1) buildings occupied by humans for residential, commercial, or business purposes, 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 this prohibition.

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.

APPLICATION DIRECTIONS

Rates are expressed in pounds Azinphosmethyl 50W per acre unless noted.

FRUIT

APPLES AND CRAB APPLES:

Do not use this product on apples or crabapples after September 30, 2012.

- Aphids, Apple maggot, Codling moth, European apple sawfly, Eyespotted bud moth, Forbes scale, Fruit tree leaf roller, Green fruitworm, Leafhoppers, Mealybugs, Mites, Orange tortrix, Oriental fruit moth, Pear midge, Pear psylla, Plum curculio, Putnam scale, Redbanded leaf roller, San Jose scale, Stink bug, Tarnished plant bug – 1 1/2 to 2 lbs. product/A (0.75 to 1.0 lb. a.i./A)

Do not enter or allow entry into treated areas during the restricted-entry interval of 14 days.

Preharvest interval (PHI) is 14 days for rates \leq 1.0 lb. ai/A.

Preharvest interval (PHI) is 21 days for rates $>$ 1.0 lb. a.i./A.

Apply specified dosage per acre by ground equipment in sufficient water for good coverage.

Minimum of 7 days between applications.

Limit to a yearly maximum application rate of 3.0 lbs. a.i./A (6.0 lbs. product per acre per year) in 2008 and 2009.

Limit to a yearly maximum application rate of 2.0 lbs. a.i./A (4.0 lbs. product per acre per year) in 2010.

Limit to a yearly maximum application rate of 1.5 lbs a.i./A (3.0 lbs. product per acre per year) in 2011 and 2012.

Maximum single application rate is 1.5 lbs. a.i./A (3 lbs product per acre).

Use during dormant season is prohibited. Do not use oils within 30 days of sulfur or limesulfur treatments.

Aerial application is prohibited.

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.

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 a.i./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 a.i./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 a rate of 0.6 lbs a.i./acre or less.

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.

REI is 14 days. Refer to Agricultural Use Requirements section for details.

CHERRIES, sweet and tart:

Do not use this product on cherries after September 30, 2012.

- Cherry leaf miner, Eyespotted bud moth, Forbes scale, Fruit flies, Fruit tree leaf roller, Lesser peach tree borer, Mineola moth, Mites, Plum curculio, San Jose Scale – 1 1/2 lbs. product/A (0.75 lbs. a.i./A).

Apply specified dosage per acre as a full coverage spray.

Do not enter or allow entry into treated areas during the restricted-entry interval of 15 days. Refer to Agricultural Use Requirements section for details.

Preharvest interval (PHI) is 15 days.

Maximum single application rate is 0.75 lbs. a.i./A (1.5 lbs. product per acre).

Minimum of 14 days between applications.

Limit to a yearly maximum application rate of 1.5 lbs. a.i./A (3.0 lbs. product per acre) in 2008 and 2009.

Limit to a yearly maximum application rate of 0.75 lbs. a.i./A (1.5 lbs. product per acre) in 2010, 2011, and 2012.

Use during dormant season is prohibited.

Aerial application is prohibited.

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.

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 after application of this product for the entire growing season.

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.

PEARS:

Do not use this product on pears after September 30, 2012.

- Aphids, Apple maggot, Codling moth, European apple sawfly, Eyespotted bud moth, Forbes scale, Fruit tree leaf roller, Green fruitworm, Leafhoppers, Mealybug, Mites, Orange tortrix, Oriental fruit moth, Pear midge, Pear psylla, Plum curculio, Putnam scale, Redbanded leaf roller, San Jose scale, Stink bug, Tarnished plant bug – 1 1/2 to 3 lbs. product/A. (0.75 to 1.5 lbs. a.i./A).

Do not enter or allow entry into treated areas during the restricted-entry interval of 14 days. Refer to Agricultural Use Requirements Section for details.

Preharvest interval (PHI) is 14 days for rates \leq 1.0 lb. a.i./A.

Preharvest interval (PHI) is 21 days for rates $>$ 1.0 lb. a.i./A.

Minimum of 7 days between applications.

Maximum single application rate is 1.5 lbs a.i./A (3.0 lbs. of product per acre).

Limit to a yearly maximum application rate of 3.0 lbs. a.i./A (6.0 lbs. product per acre) in 2008.

Limit to a yearly maximum application rate of 2.0 lbs. a.i./A (4.0 lbs. product per acre) in 2009 and 2010.

Limit to a yearly maximum application rate of 1.5 lbs. a.i./A (3.0 lbs. product per acre) in 2011 and 2012.

Use during the dormant season is prohibited.

Aerial application is prohibited.

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.

Apply specified dosage per acre by ground equipment in sufficient water for good coverage.

Azinphosmethyl 50W is compatible with summer oils which may be added to pear sprays in accordance with local recommendations. Do not use oils within 30 days of sulfur or limesulfur treatments.

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 after application of this product for the entire growing season.

BLUEBERRIES, Highbush:

This product may only be applied in the following States: Alabama, Arkansas, Florida, Georgia, Indiana, Michigan, New Jersey, New York, North Carolina. Application in any other state is prohibited.

Do not use this product on highbush blueberries after September 30, 2012.

Blueberry maggot, Fruitworms, Lecanium scale, Plum curculio – 1 to 1 1/2 lbs. product/A. (0.5 to 0.75 lbs. a.i./A).

Preharvest interval (PHI) is 7 days.

Minimum of 7 days between applications.

Limit to a yearly maximum application rate of 1.25 lbs. a.i./A (3.75 lbs. product per acre) in 2008 and 2009.

Limit to a maximum application rate of 0.75 lbs. a.i./A (1.5 lbs. product per acre) in 2010, 2011, and 2012.

Maximum single application rate of 0.75 lbs. a.i./A (1.5 lbs. product per acre).

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.

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. a.i./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. a.i./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 a rate of 0.50 lbs. a.i./acre or less.

Apply specified dosage per acre with aerial and ground equipment using sufficient water for good coverage.

For airblast applications, turn off outward pointing nozzles at row ends and when spraying the outer two rows. Restricted-entry interval (REI) is 7 days. Refer to Agricultural Use Requirements section for details.

BLUEBERRIES, LOWBUSH:

This product may only be applied in Maine.

Do not use this product on low bush blueberries after September 30, 2012.

Blueberry maggot, Fruitworms, Lecanium scale, Plum curculio – 1 to 1 1/2 lbs. product/A. (0.5 to 0.75 lbs. a.i./A)

Do not enter or allow entry into treated areas during the restricted-entry interval of 10 days. Refer to Agricultural Use Requirements section for details.

Minimum of 10 days between applications.

Maximum single application rate is 0.75 lbs. a.i./A (1.5 lbs. product per acre)

Limited to a yearly maximum application rate of 1.5 lbs. a.i./A (3.0 lbs. product per acre).

Aerial application is prohibited.

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.

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. a.i./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. a.i./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 0.50 lbs. a.i./acre rate.

Apply specified dosage per acre with ground equipment using sufficient water for good coverage.

For airblast applications, turn off outward pointing nozzles at row ends and when spraying the outer two rows.

NUTS

ALMONDS:

Do not use this product on almonds after October 30, 2009.

- Peach twig borer, Navel orangeworm – 3 to 4 lbs. product/A. (1.5 to 2.0 lbs. a.i./A).

Do not enter or allow entry into treated area during the restricted-entry interval (REI) of 30 days. Refer to Agricultural Use Requirements section for details.

Preharvest interval (PHI) is 30 days.

Limit to 1 application of 2.0 lbs. a.i./A per year (4.0 lbs. 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.

Apply specified dosage per acre by concentrate sprayer or as a full coverage spray using not more than 400 gallons of finished spray per acre. 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, or commercial fish ponds in the following counties in 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, or commercial fish ponds.

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.

PISTACHIOS:

This product may only be applied to pistachios in California and Arizona.

Do not use this product on pistachios after October 30, 2009.

- Navel Orangeworm – 4 lbs. product/A (2.0 lbs. a.i./A) as a full coverage spray, using not more than 500 gals. of finished spray per acre. Make one application from bud break to 10% hullsplit.

Do not enter or allow entry into treated area during the restricted-entry interval (REI) of 21 days. Refer to Agricultural Use Requirements section for details.

Preharvest interval (PHI) is 21 days.

Limit to 1 application of 2.0 lbs. a.i./A per year (4.0 lbs. product applied annually).

Only apply this product during the months of June through October. Use during the dormant season is prohibited.

Aerial application is prohibited.

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, or commercial fish ponds.

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.

WALNUTS:

Do not use this product on walnuts after October 30, 2009.

- Aphids, Codling moth, European red mite, Filbertworm, Navel orangeworm, Peach twig borer, Walnut huskfly, Red-humped caterpillar – 2 to 4 lbs. product/A. (1.0 to 2.0 lbs. a.i./A). Apply specified dosage per acre as a full coverage spray.

Do not exceed a total a total of 4 lbs. (2 lbs. a.i.) per acre per crop season.

Do not enter or allow entry into treated area during the restricted-entry interval (REI) of 30 days. Refer to Agricultural Use Requirements Section for details.

Preharvest interval (PHI) is 30 days.

Limit to 1 application of 2.0 lbs. a.i./A per year (4.0 lbs. product annually).

Aerial application is prohibited.

Only apply this product during the months of June, July, or August. Use during the dormant season is prohibited.

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, or commercial fish ponds.

For airblast applications, turn off outward pointing nozzles at row ends and when spraying the outer two rows.

WARRANTY AND DISCLAIMER STATEMENT

The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Such risks may arise from weather conditions, soil factors, off-target movement, unconventional farming techniques, the presence of other materials, the manner of use or application, or other unknown factors, all of which are beyond the control of Arysta LifeScience North America, LLC ("Arysta"), and can cause crop injury, injury to non-target crops or plants, ineffectiveness of the product, or other unintended consequences. To the extent consistent with applicable law, all such risks shall be assumed by the user or buyer.

Arysta warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks described above, when used in accordance with the Directions for Use under normal conditions. This warranty does not extend to the use of this product contrary to label instructions or under conditions not reasonably foreseeable to Arysta, and is subject to the inherent risks described above.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, ARYSTA DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, ARYSTA, MANUFACTURER, AND SELLER DISCLAIM AND SHALL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL, INDIRECT, OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE, HANDLING, APPLICATION, STORAGE, OR DISPOSAL OF THIS PRODUCT OR FOR DAMAGES IN THE NATURE OF PENALTIES, AND THE USER AND BUYER WAIVE ANY RIGHT THAT THEY MAY HAVE TO SUCH DAMAGES. NO AGENT, REPRESENTATIVE OR EMPLOYEE OF ARYSTA IS AUTHORIZED TO MAKE ANY WARRANTY, GUARANTEE OR REPRESENTATION BEYOND THOSE CONTAINED HEREIN OR TO MODIFY THE WARRANTIES CONTAINED HEREIN.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE TOTAL LIABILITY OF ARYSTA, MANUFACTURER, AND SELLER, SHALL BE LIMITED TO THE PURCHASE PRICE PAID, OR AT ARYSTA'S ELECTION, THE REPLACEMENT OF THE PRODUCT.

