

PHOSMET GROUP 1B INSECTICIDE

PHONE

INSECTICIDE

Contained in Water Soluble Packaging

ACTIVE INGREDIENT:	WT. BY %
Phosmet*: N-(Mercaptomethyl) phthalimide, S-(O,O-dimethyl phosphorodithioate	70.0%
OTHER INGREDIENTS:	30.0%
TOTAL:	100.0%
*PHONE contains 1.0 lb. active ingredient per gallon of formulated product.	

KEEP OUT OF REACH OF CHILDREN / MANTÉNGASE FUERA DEL ALCANCE DE LOS NIÑOS WARNING / AVISO

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.)

**See inside booklet for complete First Aid, Precautionary Statements,
Directions For Use, Storage and Disposal and Limited Warranty and Disclaimer.**

Manufactured For:

Sharda USA LLC 
7217 Lancaster Pike, Suite A
Hockessin, Delaware 19707

EPA Reg. No. 82633-130-83529 EPA Est. No. **(AG)** 72159-GA-001;
(MC) 89332-GA-001; **(SC)** 39578-TX-001

The EPA Establishment Number is identified by the circled letters above that match the first two letters in the batch number.

Net Contents: **5 lbs.**

FIRST AID - ORGANOPHOSPHATE	
IF SWALLOWED:	• 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:	• 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:	• 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:	• 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.
HOTLINE NUMBERS	
Have the product container or label with you when calling a poison control center or doctor or going for treatment. For emergency information concerning this product, call your poison control center at 1-800-222-1222. For general information about this product, contact the National Pesticides Information Center (NPIC) at 1-800-858-7378, Monday through Friday, 8 AM to 12 PM PST, or at http://npic.orst.edu.	
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

WARNING: May be fatal if swallowed or if inhaled. Causes moderate eye irritation. Harmful if absorbed through skin. **DO NOT** breathe spray mist. Avoid contact with skin, eyes or clothing. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Mixers, loaders and other handlers must wear:

- Long-sleeved shirt and long pants;
- Shoes plus socks;
- Protective eyewear;
- Chemical-resistant gloves made of barrier laminate, butyl rubber ≥ 14 mils, nitrile rubber ≥ 14 mils, neoprene rubber ≥ 14 mils, natural rubber ≥ 14 mils, polyethylene, polyvinyl chloride (PVC) ≥ 14 mils, or Viton ≥ 14 mils; Chemical-resistant apron when mixing and loading;
- Chemical-resistant apron when mixing and loading; and
- A NIOSH-approved particulate respirator with any N, R or P filter with NIOSH approval number prefix TC-84A; or a NIOSH-approved powered air purifying respirator with a HE filter with NIOSH approval number prefix TC-21C.

Applicators using engineering controls, including enclosed-cockpit aerial equipment and enclosed-cab ground equipment must wear:

- Long-sleeved shirt and long pants;
- Shoes plus socks;
- Protective eyewear; and
- A NIOSH-approved particulate respirator with any N, R or P filter with NIOSH approval number prefix TC-84A; or a NIOSH-approved powered air purifying respirator with a HE filter with NIOSH approval number prefix TC-21C.

Applicators using handheld equipment or handheld nozzles not in an enclosed cab, applicators dipping pine seedlings, and handlers engaged in cleaning up a spill or leak, or cleaning or repairing contaminated equipment, must wear:

- Coveralls over long-sleeved shirt and long pants;
- Chemical-resistant gloves made of barrier laminate, butyl rubber ≥ 14 mils, nitrile rubber ≥ 14 mils, neoprene rubber ≥ 14 mils, natural rubber ≥ 14 mils, polyethylene, polyvinyl chloride (PVC) ≥ 14 mils, or Viton ≥ 14 mils;
- Chemical-resistant footwear plus socks;
- Protective eyewear;
- Chemical-resistant headgear for overhead exposure;
- Chemical-resistant apron, if exposed to the concentrate or applying as a pine seedling dip; and
- A NIOSH-approved particulate respirator with any N, R or P filter with NIOSH approval number prefix TC-84A; or a NIOSH-approved powered air purifying respirator with a HE filter with NIOSH approval number prefix TC-21C.

See **ENGINEERING CONTROLS** for additional requirements and options.

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.

USER SAFETY RECOMMENDATIONS

Users should:

- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Users should 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.

ENGINEERING CONTROLS

Water soluble packets, when used correctly, qualify as a closed mixing/loading system under the Worker Protection Standard [40 CFR 170.607(d)]. Mixers and loaders handling this product while it is enclosed in intact water-soluble packets may elect to wear reduced PPE of long-sleeved shirt, long pants, shoes, socks, a chemical-resistant apron, and chemical-resistant gloves. When reduced PPE is worn because a closed system is being used, handlers must be provided all PPE specified above and have such PPE immediately available for use in an emergency, such as a spill or equipment break-down.

Engineering Controls for Mixers and Loaders:

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 in the PPE section of this labeling for mixers and loaders, and
- Be provided and have immediately available for use in an emergency, such as a broken package, spill, or equipment breakdown:
 - o Protective eyewear;
 - o Chemical-resistant footwear; and
 - o A respirator of the type specified in the **PPE** section of this labeling.

Engineering Controls for Applicators using Enclosed Cab Motorized Ground Equipment:

When applicators use motorized groundboom or airblast equipment they must use an enclosed cab that meets the definition in the Worker Protection Standard for Agricultural Pesticides [40 CFR 170.607(e)] for dermal protection, they must:

- Wear the PPE specified on this labeling for applicators using enclosed cabs, and
- Wear a respirator of the type specified in the **PPE** section of this labeling. The respirator need not be worn inside the enclosed cab if the enclosed cab has a properly functioning air ventilation system which is used and maintained in accordance with the manufacture's written operating instructions.

- Be provided and must have immediately available for use in an emergency when they must exit the cab in the treated area:
 - o Coveralls;
 - o Protective eyewear;
 - o Chemical-resistant gloves made of barrier laminate, butyl rubber $\geq$ 14 mils, nitrile rubber $\geq$ 14 mils, neoprene rubber $\geq$ 14 mils, natural rubber $\geq$ 14 mils, polyethylene, polyvinyl chloride (PVC) $\geq$ 14 mils, or Viton $\geq$ 14 mils;
 - o Chemical-resistant footwear;
 - o Chemical-resistant headgear if overhead exposure; and
 - o If using an enclosed cab that meets the conditions of 40 CFR 170.607(e), a respirator of the type specified in the **PPE** section of this labeling.
- Make immediately available all of the PPE required by the pesticide product labeling for handlers and applicators and stored in a sealed container to prevent contamination.
- Take off any PPE that was worn in the treated area before reentering the cab.

Engineering Controls for Aerial Applications:

Pilots must use an enclosed cockpit in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(6)]. Human flagging is prohibited.

ENVIRONMENTAL HAZARDS

This chemical can contaminate surface water through aerial and ground 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 overlaying tile drainage systems that drain to surface water.

This pesticide is toxic to fish and aquatic invertebrates. **DO NOT** apply directly to water or to areas where surface water is present or to intertidal areas below the mean high-water mark. Drift and runoff may be hazardous to aquatic organisms in neighboring areas. **DO NOT** contaminate water when disposing of equipment wash-water or rinseate.

Pollinator Advisory: This product is highly toxic to bees exposed directly to application 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.

USE PRECAUTIONS

Read all precautions and directions before using. Apply this product only as specified on this label. Use in residential, park, or recreational areas is prohibited. **PHONE**

is compatible with most commonly used insecticides and fungicides but is incompatible with alkaline materials such as spray lime, lime sulfur, and Bordeaux mixtures. These materials will reduce the insecticidal activity of **PHONE**.

Insecticidal activity may also be reduced when the spray solution has a pH of 6 or higher. The pH of the spray solution must be corrected by the addition of a suitable buffering or acidifying agent for optimum insecticidal activity.

MANDATORY SPRAY DRIFT MANAGEMENT

DO NOT allow spray to drift from the application site and contact people, structures people occupy at any time and the associated property, parks and recreation areas, non-target crops, aquatic and wetland areas, woodlands, pastures, rangelands, or animals. Avoiding spray drift is the responsibility of the applicator. The interaction of many equipment and weather-related factors determine the potential for spray drift. The applicator is responsible for considering all these factors when making applications.

For Overhead Chemigation:

Apply only when wind speed is 3 - 10 mph.

For Ground Boom Applications:

Apply with nozzle height no more than 2 feet above the ground or crop canopy, and when the wind speed is 3 - 10 mph at the application site as measured by an anemometer. Use a coarse or coarser spray (ASABE definition S572) for standard nozzles, or a volume mean diameter (VMD) of 385 microns or greater for spinning atomizer nozzles.

For Airblast Applications:

DO NOT direct spray above trees and vines and turn off outward pointing nozzles at row ends and when spraying the outer 2 rows. Apply only when the wind speed is 3 - 10 mph at the application site as measured by an anemometer.

For Aerial Applications:

If the application includes a no-spray buffer zone, **DO NOT** release spray at a height greater than 10 feet above the ground or crop canopy. Apply only when the wind speed is 3 - 10 mph. Use a coarse or coarser spray (ASABE definition S572) for standard nozzles, or a volume mean diameter (VMD) of 385 microns or greater for spinning atomizer nozzles. Aerial applicators must consider flight speed and nozzle orientation in determining droplet size. The boom width must not exceed 75% of the wingspan or 90% of the rotary blade. When applications are made with a cross-wind, the swath will be displaced downwind. The applicator must compensate for this displacement at the downwind edge of the application area by adjusting the path of the aircraft upwind.

The applicator also must use all other measures to control drift.

SPRAY DRIFT RESTRICTIONS

DO NOT apply this product in a manner inconsistent with the Best Management Practices summarized below:

1. Use the largest drop 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.
2. **Aerial Applications Water Body Buffer:** release spray at the lowest height consistent with efficacy and flight safety. For applications other than those on potatoes, if the application site is within 50 feet of a permanent water body, **DO NOT** release spray at a height greater than 10 feet above the ground or crop canopy. For applications to potatoes, if the application site is within 150 feet of a permanent water body, **DO NOT** release spray at a height greater than 10 feet above the ground or crop canopy.
3. **Aerial Application Residential Buffer:** **DO NOT** apply this product within 100 feet of (1) buildings occupied by humans for residential, commercial, or business purposes, including but not limited 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.
4. **Ground boom, Chemigation, Orchard and Other Airblast Application Water Body Buffer:** **DO NOT** apply within 25 feet of permanent water bodies (rivers, natural ponds, lakes, streams, reservoirs, marches, estuaries, or commercial fish ponds).
5. **Ground boom, Chemigation, Orchard and Other Airblast Residential Buffer:** **DO NOT** apply this product within 50 feet of (1) buildings occupied by humans for residential, commercial, or business purposes, including but not limited 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 ground boom applications, apply with nozzle height no more than 4 feet above the ground or crop canopy.

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SPRAY DRIFT RESTRICTIONS *(continued)*

6. Make aerial or ground applications when the wind velocity favors on-target product deposition. Apply only when the wind speed is 3 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.
7. **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.
8. 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.
9. All aerial and ground application equipment must be properly maintained and calibrated using appropriate carriers.
10. 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.

DIRECTIONS FOR USE

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

USE RESTRICTIONS FOR ALL CROPS

- **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.
- Not for use in residential areas. Use in park or recreational areas is prohibited.
- **DO NOT** apply this product through any other type of irrigation system.
- 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 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.

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;
- Shoes plus socks;
- Chemical-resistant gloves made of any waterproof material; and
- Chemical-resistant headgear for overhead exposure.

DILUTION DIRECTIONS

The rate required for thorough, uniform coverage varies with plant growth at time of application. Apply recommended rate in adequate spray volumes to provide complete coverage of fruit and foliage.

- For aerial applications, apply in a minimum of 2 gals. of water per acre for field and row crops, and a minimum of 5 gals. of water per acre for tree and vine crops unless otherwise specified in the recommendation for a specific crop.

Instructions for Using Water Soluble Packages Directly into Spray Tanks:

Water Soluble Packages (WSPs) are designed to dissolve in water. Agitation may be used, if necessary, to help dissolve the WSP. Failure to follow handling and mixing instructions can increase your exposure to the pesticide products in WSPs. WSPs, when used properly, qualify as a closed mixing/loading system under the Agricultural Worker Protection Standard [40 CFR 170.607(d)].

Handling Instructions

Follow these steps when handling pesticide products in WSPs.

1. Mix in spray tank only.
2. Handle WSP(s) in a manner that protects package from breakage and/or unintended release of contents. If package is broken, put on PPE required for clean-up and then continue with mixing instructions.
3. Keep the WSP(s) in outer packaging until just before use.
4. Keep the WSP dry prior to adding to the spray tank.
5. Handle with dry gloves and according to the label instructions for PPE.
6. Keep WSP intact. **DO NOT** cut or puncture WSP.
7. Reseal the WSP outer packaging to protect any unused WSP(s).

MIXING INSTRUCTIONS

Please read and observe the following directions for use:

Follow the steps below when mixing this product, including if tank mixed with other pesticide products. If being tank mixed, the mixing directions 1 through 9 below take precedence over the mixing directions of the other tank mix products. WSPs may, in some cases, be mixed with other pesticide products so long as the directions for use of all mixed products **DO NOT** conflict. **DO NOT** tank mix this product with products that prohibit tank mixing or have conflicting mixing directions.

1. If a basket or strainer is present in the tank hatch, removed prior to adding the WSP to the tank.
2. Fill tank with water to approximately one-third to one-half of the desired final volume of spray.
3. Stop adding water and stop any agitation.
4. Place intact/unopened WSP(s) into the tank.
5. **DO NOT** spray water from a hose or fill pipe to break or dissolve the WSP(s).
6. Start mechanical and recirculation agitation from the bottom of tank without using any overhead recirculation, if possible. If overhead recirculation cannot be turned off, close the hatch before starting agitation.
7. Dissolving the WSP(s) may take up to 5 minutes or longer, depending on water temperature, water hardness and intensity of agitation.
8. Stop agitation before tank lid is opened.
9. Open the lid to the tank, exercising caution to avoid contact with dusts or spray mix, to verify that the WSPs have fully dissolved and the contents have been thoroughly mixed into the solution.
10. **DO NOT** add other allowed products or complete filling the tank until the bags have fully dissolved and pesticide is thoroughly mixed.

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MIXING INSTRUCTIONS (continued)

11. Once the WSP have fully dissolved and any other products have been added to the tank, resume filling the tank with water to the desired level, close the tank lid, and resume agitation.
12. Use the spray solution when mixing is complete.
13. Maintain agitation of the diluted pesticide mix during transport and application.
14. It is unlawful to use any registered pesticide, including WSPs, in a manner inconsistent with its label.

Where dosages of **PHONE** are expressed as fractions of packets, prepare the tank mix load to the lower of the nearest whole packet.

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 **PHONE** to the spray tank first. Make sure that the water-soluble packets are completely dissolved. Add boron preparations to the spray tank last. High concentrations of boron may cause dissolved water-soluble bag material to precipitate and form insoluble residue in the spray tank system.

CHEMIGATION INSTRUCTIONS

Apply this product only through one or more of the following types of systems: Sprinkler (including center pivot, lateral move, end tow, side (wheel) roll, traveler, solid set or hand move). **DO NOT** apply **PHONE** through any other type of irrigation system.

Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from nonuniform distribution of treated water.

DO NOT connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the pesticide label prescribed safety devices for public water systems are in place.

If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers, or other experts. A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.

For Chemigation Systems Connected to Public Water Systems

Public water system means a system for the provision to the public of piped water for human consumption if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days out of the year.

DO NOT apply **PHONE** through any irrigation system supplied by a public water system unless the water supplied from the public water system is discharged into a reservoir tank prior to pesticide introduction. There shall be a complete physical break (air gap) between the outlet end of the fill pipe and the top or overflow rim of

the reservoir tank of at least twice the inside diameter of the fill pipe. Before beginning chemigation, always make sure that the air gap exists and that there is no blockage of the overflow of the reservoir tank.

In addition, all directions and requirements specified for Sprinkler Irrigation Systems must be followed.

Sprinkler Irrigation Systems

The system must contain a functional check valve and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.

The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump. The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.

The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops. The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.

Systems must use a metering pump, such as a positive displacement injection pump (e.g. diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

DO NOT apply when wind speed favors drift beyond the area intended for treatment.

Center pivot, motorized lateral move, or traveling gun types of equipment: Inject into the system for one revolution or run. Shut off injection equipment after one revolution or run but continue to operate irrigation system until **PHONE** has been cleared from the last sprinkler head. **DO NOT** use end guns. The system should be run at maximum speed for a foliar application.

Wheel move, side roll, end tow, solid set, or hand move types of equipment: Adjust equipment to inject **PHONE** over a 30 - 60-minute period. Shut off injection equipment. Continue to operate irrigation system until **PHONE** has been cleared from the last sprinkler head. **PHONE** can be injected at the end of the irrigation cycle or as a separate application. **DO NOT** use end guns. **PHONE** must be premixed in a supply tank with water and other appropriate tank-mix chemicals. Agitation is necessary at all times.

Caution must be exercised in irrigation waters with a pH greater than 7. If the irrigation cycle will last longer than 8 hours and the PHONE is premixed in the supply tank, the tank mix must be buffered to a pH of 5.5 or lower. Please contact your Sharda sales representative should this situation apply. Application should be in sufficient water and of sufficient duration to apply the recommended rate evenly over the entire treated area. **No field runoff can be permitted during chemigation.**

PESTICIDE RESISTANCE MANAGEMENT

PHONE contains a Group 1B insecticide. Insect/mite biotypes with acquired resistance to Group 1B may eventually dominate the insect/mite population if Group 1B insecticides are used repeatedly in the same field or in successive years as the primary method of control for targeted species. This may result in partial or total loss of control of those species by **PHONE** or other Group 1B insecticides.

To delay insecticide resistance consider:

- Avoiding the consecutive use of **PHONE** or other Group 1B insecticides that have a similar target site of action, on the same insect/mite species.
- Using tank-mixtures or premixes with insecticides from a different target site of action Group as long as the involved products are all registered for the same use and have different sites of action.
- Basing insecticide use on comprehensive IPM program.
- Monitoring treated insect/mite populations for loss of field efficacy.
- Contacting your local extension specialist, certified crop advisors, and/or manufacturer for insecticide resistance management and/or IPM recommendations for the specific site and resistant pest problems.

USE LIMITATIONS

- **DO NOT** exceed the maximum rate of phosmet per acre or the time limitations specified for the individual crops.
- Use in residential, park, or recreational areas is prohibited. **PHONE** is only for use in commercial agricultural crops and areas as listed. **DO NOT** apply to forests or natural fallow or wooded areas.
- **DO NOT** exceed 2.25 lbs./a.i./acre when applying by air or chemigation.
- **DO NOT** apply by mechanically pressurized handgun except for landscaping, nursery and Christmas tree farms.

CROP SPECIFIC USE DIRECTIONS

USE RECOMMENDATIONS FRUIT AND NUT CROPS

DORMANT SPRAYS: **PHONE** may be used during dormancy to control specified insects listed in each crop grouping which may overwinter on the tree and vine crops. **PHONE** may be used in combination with spray oils; always follow spray oil manufacturer's label recommendations.

Pruning must occur before any dormant treatments of Phosmet.

SPLIT APPLICATION SPRAYS: Applications to tree fruits and nuts may be made using a split application spray schedule. See crop for more specific application directions (if applicable).

The split application method may be used to improve efficacy and, in the case of nut crops, to time insecticide applications at the onset of hullsplit of different maturing varieties that may be present within a single orchard. Check with your local agricultural advisor, State Cooperative Extension Service or regional Sharda representative for recommendations.

PREHARVEST INTERVAL

The required days between the last application and harvest are supplied within the table after each crop name.

FRUIT AND NUT CROPS

ALMONDS	
PHI	30
PEST	Peach Twig Borer
USE RATE (lbs./acre)	4 1/3 (3 lbs. a.i.)
COMMENTS	Limit use on bearing almonds to one foliar application per season.
USE INSTRUCTIONS & RESTRICTIONS	• DO NOT make more than 2 applications per season as a foliar spray. • DO NOT prune for 7 days following an application of PHONE. • DO NOT enter or allow entry into treated areas during the restricted-entry interval (REI) of 3 days. • Mechanical harvesting of nuts is prohibited within 30 days following application. • Limit spray drift; turn airblast spray nozzles inward on row ends; and DO NOT apply when bees are in the area. • DO NOT apply via air or chemigation.

ALMONDS (California Only)		
PHI	30	30
PEST	Peach Twig Borer, Navel Orangeworm, Leaffooted plant bugs	DORMANT SPRAY: Peach Twig Borer, San Jose Scale, Leaffooted plant bugs
USE RATE (lbs./acre)	4 1/3 (3 lbs. a.i.)	4 1/3 (3 lbs. a.i.)
COMMENTS	In California only, to obtain optimum navel orange worm control in the spring application, proper timing of sprays should be coordinated with effective use of a navel orangeworm monitoring system. Late season treatments must be applied before hull split reaches 10%.	For control of scale insects during dormant application, tank mix recommended rate of PHONE with dormant spray oil. Follow oil manufacturer's use directions. Add oil to the spray tank last, after buffer and PHONE have been added.
USE INSTRUCTIONS & RESTRICTIONS	• DO NOT make more than 2 applications per season as a foliar spray. • DO NOT prune for 7 days following an application of PHONE. • DO NOT enter or allow entry into treated areas during the REI of 3 days. • Mechanical harvesting of nuts is prohibited within 30 days following application. • Limit spray drift; turn airblast spray nozzles inward on row ends; and DO NOT apply when bees are in the area. • DO NOT apply via air or chemigation.	

APPLES CRABAPPLES (California Only)	
PHI	7
PEST	Apple Maggot, Codling Moth, Elm Spanworm, Dock Sawfly, European Corn Borer, European Sawfly, Fruittree Leafroller, Green Fruitworm, Gypsy Moth, Japanese Beetle, Mealybug, Orange Tortrix, Oriental Fruit Moth, Peach Twig Borer, Plum Curculio, Redbanded Leafroller, Redhumped Caterpillar, Rose Chafer, San Jose Scale, Spotted Wing Drosophila, Spotted Lanternfly
USE RATE (lbs./acre)	2 1/8 - 5 3/4 (1.5 - 4 lbs. a.i.) (or 3/4 - 1 lb. per 100 gals. not to exceed 5 3/4 lbs. product or 4 lbs. a.i. per acre)
COMMENTS	For heavy insect infestations and areas west of the Rockies, use higher dosage rates (3 1/2 - 5 3/4 lbs. product or 2.45 - 4 lbs. a.i. per acre). Repeat applications as necessary in accordance with insect infestations and local and State spray programs.
USE INSTRUCTIONS & RESTRICTIONS	• DO NOT enter or allow entry into treated areas during the REI of 7 days. • DO NOT apply more than 22 1/8 lbs. (15.5 lbs. phosmet) of PHONE per acre per crop season. • Hand-thinning is prohibited for 23 days after application at rates greater than 2.1 lbs. a.i./A or 15 days at rates less than or equal to 2.1 lbs. a.i./A. • Hand-Harvesting is prohibited for 11 days after application at rates greater than 2.1 lbs. a.i./A or 7 days at rates less than or equal to 2.1 lbs. a.i./A. • 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 14 days after application of this product. • DO NOT apply within 7 days of harvest. • For use on crabapples in California only. • Limit spray drift; turn airblast spray nozzles inward on row ends; and DO NOT apply when bees are in the area. • Applications during the dormant season are prohibited. • DO NOT apply via air or chemigation.

APRICOTS	
PHI	14
PEST	Apple Maggot, Fruittree Leafroller, Japanese Beetle, Orange Tortrix, Oriental Fruit Moth, Peach Twig Borer, Plum Curculio, Redbanded Leafroller, Rose Chafer, Spotted Wing Drosophila, Western Tussock Moth
USE RATE (lbs./acre)	2 1/8 - 4 1/4 (1.5 - 3 lbs. a.i.) (or 3/4 - 1 lb. per 100 gals. not to exceed 4 1/4 lbs. product or 3 lbs. a.i. per acre)
COMMENTS	For heavy insect infestations use higher dosage rates (4 1/4 lbs. product or 3 lbs. a.i. per acre). Repeat applications as necessary in accordance with insect infestations and local and State spray programs.
USE INSTRUCTIONS & RESTRICTIONS	• DO NOT apply more than 13 lbs. (9 lbs. phosmet) of PHONE per acre per year. • DO NOT enter or allow entry into treated areas during the REI of 7 days. • DO NOT apply within 14 days of harvest. • Hand-thinning is prohibited for 20 days after application at rates greater than 3 lbs. a.i./A or 15 days at rates less than or equal to 2.1 lbs. a.i./A. • Hand-Harvesting is prohibited for 14 days after application at rates greater than 3 lbs. a.i./A or 7 days at rates less than or equal to 2.1 lbs. a.i./A. • 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 14 days after application of this product. • Limit spray drift; turn airblast spray nozzles inward on row ends; and DO NOT apply if bees are visiting the treatment area. • Applications during the dormant season are prohibited. • DO NOT apply via air or chemigation.

BLUEBERRIES (High Bush)	
PHI	3
PEST	Apopka Weevil, Blueberry Maggot, Blueberry Stem Gall Wasp, Cherry Fruitworm, Citrus Root Weevil, Cranberry Fruitworm, Flea Beetle, Grasshopper, Japanese Beetle, Plum Curculio, Obliquebanded Leafroller, Redbanded Leafroller, Redstriped Fireworm, Rose Chafer, Sawfly, Spanworm, Spotted Wing Drosophila, Strawberry Root Weevil Adult, Sharp-nosed Leafhopper
USE RATE (lbs./acre)	1 1/3 (1 lb. a.i.)
COMMENTS	If applying by air, apply in a minimum of 2 gals. of water by aircraft. Additional applications may be made when indicated by insect infestations and local or State spray programs. If applying by chemigation, follow the General Chemigation Instructions above.
USE INSTRUCTIONS & RESTRICTIONS	• DO NOT enter or allow entry into treated areas during the REI of 24 hours. • DO NOT apply within 3 days of harvest. • DO NOT apply more than 7 1/8 lbs. (5 lbs. phosmet) of PHONE per acre per year. • DO NOT make more than 5 applications per acre per year. • 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 3 days after application of this product. • Limit spray drift; turn airblast spray nozzles inward on row ends; and DO NOT apply if bees are visiting the treatment area.

BLUEBERRIES (Low Bush)	
PHI	3
PEST	Blueberry Maggot, Cherry Fruitworm, Cranberry Fruitworm, Flea Beetle, Grasshopper, Japanese Beetle, Plum Curculio, Obliquebanded Leafroller, Redbanded Leafroller, Redstriped Fireworm, Rose Chafer, Sawfly, Spanworm, Spotted Wing Drosophila, Strawberry Root Weevil Adult, Sharp-nosed Leafhopper
USE RATE (lbs./acre)	1 1/3 (1 lb. a.i.)
COMMENTS	—
USE INSTRUCTIONS & RESTRICTIONS	• DO NOT enter or allow entry into treated areas during the REI of 3 days. • DO NOT apply within 3 days of harvest. • DO NOT apply more than 5 1/8 lbs. (3.63 lbs. phosmet) of PHONE per acre per year. • DO NOT make more than 5 applications per acre per year. • Limit spray drift; turn airblast spray nozzles inward on row ends; and DO NOT apply if bees are visiting the treatment area. • DO NOT apply via air or chemigation.

CRANBERRIES – (Not Registered for Use by California)	
PHI	14
PEST	Fireworms, Cranberry Fruitworm, Cranberry Weevil, Spanworms, Gypsy Moth, Sparganothis Fruitworm, Cutworms, Blossomworm, False Armyworm, Cranberry Tipworm Midge, Flea Beetle*
USE RATE (lbs./acre)	1 1/3 - 4 (1 - 2.8 lbs. a.i.) (not to exceed 15.6 lbs. of product or 10.92 lbs. a.i. per season)
COMMENTS	For heavy insect infestations, use higher dosage rates. For best results, treat early-stage larvae. Apply in sufficient water to obtain complete coverage. Repeat applications no sooner than 10 days with a minimum spray volume of 20 gals. per acre by ground and 2 gals. per acre by air. If applying by chemigation, follow the General Chemigation Instructions above.
USE INSTRUCTIONS & RESTRICTIONS	• DO NOT enter or allow entry into treated areas during the REI of 3 days. • DO NOT apply within 14 days of harvest. • May need to use higher dosage for Fruitworm and Cranberry Weevil control. • Consult with your pest management advisor or local Extension Service for specific recommendations on rates and timing. • Limit spray drift; turn airblast spray nozzles inward on row ends; and DO NOT apply if bees are visiting the treatment area. *Flea Beetle use a minimum of 3 lbs. per acre.

CHERRIES – Sour (Tart)		
PHI	7	7
PEST	Cherry Fruit Fly, Fruittree Leafroller, Japanese Beetle, Peach Twig Borer, Plum Curculio, Rose Chafer, San Jose Scale, Spotted Wing Drosophila	Syneta Beetle
USE RATE (lbs./acre)	2 1/8 (1.5 lbs. a.i.) (or 3/4 lb. per 100 gals. not to exceed 2 1/8 lbs. product or 1.5 lbs. a.i. per acre)	1 1/3 (1 lb. a.i.)
COMMENTS	Repeat applications as necessary in accordance with insect infestations and local and State spray programs.	Apply in a minimum of 50 gals. of water per acre. Use pre-bloom (popcorn stage) if beetles are present, and allow 5 days before introducing bees. If not sprayed prebloom and Syneta beetle is a problem, apply at petal fall prior to shuck fall.
USE INSTRUCTIONS & RESTRICTIONS	• DO NOT apply more than 7 1/2 lbs. PHONE (5.25 lbs. phosmet) per acre per year. • DO NOT enter or allow entry into treated areas during the REI of 3 days. • DO NOT apply within 7 days of harvest. • Hand-thinning is prohibited for 20 days after application at 3 lbs. a.i./A or 15 days at 2.1 lbs. a.i./A. • Hand-Harvesting is prohibited for 14 days after application at 3 lbs. a.i./A or 3 days at 2.1 lbs. a.i./A. • 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 14 days after application. • Limit spray drift; turn airblast spray nozzles inward on row ends; and DO NOT apply if bees are visiting the treatment area. • DO NOT apply via air or chemigation.	

GRAPES (East of the Rockies)	
PHI	(See USE INSTRUCTIONS & RESTRICTIONS Section for PHI)
PEST	Rose Chafer, Banded Grape Bug, Flea Beetle, Grape Berry Moth, Grape Cane Borer, Grape Cane Girdler, Grape Leafhopper, Grape Mealybug, Japanese Beetle, Lygocoris Bug, Redbanded Leafroller, Spotted Wing Drosophila
USE RATE (lbs./acre)	1 1/3 - 2 1/8 (1 - 1.5 lbs. a.i.)
COMMENTS	For grape berry moth, apply prebloom, postbloom, first and late cover sprays as needed. For grape leafhopper, apply when most nymphs hatch (generally coincides with grape berry moth). Use higher rates for control of Japanese beetle. Spray both sides of each row, and tops of vines to assure adequate coverage of fruit and foliage. Repeat applications as necessary in accordance with insect infestations and local and State spray programs.
USE INSTRUCTIONS & RESTRICTIONS	• DO NOT apply more than 6 1/2 lbs. (4.55 lbs. phosmet) of PHONE per acre per year. • DO NOT apply within 7 days of harvest when using rates of 1 1/3 lbs. (1 lb. a.i.) per acre or less. • DO NOT apply within 14 days of harvest when using rates greater than 1 1/3 lbs. (1 lb. a.i.) per acre. • DO NOT enter or allow entry into treated areas during the REI of 14 days. • Hand-set irrigation, scouting and hand-weeding is prohibited for 2 days after application. • Table and raisin grapes – Tying/training, hand harvesting, leaf pulling are prohibited for 15 days after application. • Wine/juice – Tying/training, hand harvesting, leaf pulling are prohibited for 23 days after application. • Table grapes – Girdling and turning is prohibited for 35 days after application. • 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. • Limit spray drift; turn airblast spray nozzles inward on row ends; and DO NOT apply if bees are visiting the treatment area. • DO NOT apply via air or chemigation.

GRAPES (West of the Rockies)			
PHI	(See USE INSTRUCTIONS & RESTRICTIONS Section for PHI)		
PEST	Grape Mealybug, Vine Mealybug, Spotted Wing Drosophila	Grape Mealybug, Vine Mealybug, Grape Leafroller, Omnivorous Leafroller, Western Grapeleaf Skeletonizer, Spotted Wing Drosophila	Grape Leafroller, Omnivorous Leafroller, Western Grapeleaf Skeletonizer, Spotted Wing Drosophila
USE RATE (lbs./acre)	2 1/8 (1.5 lbs. a.i.)	1 1/3 (1 lb. a.i.)	1 - 2 1/8 (0.7 - 1.5 lbs. a.i.)
COMMENTS	Apply prior to bud break as a delayed dormant treatment in combination with oil or spreader sticker. Use adequate volume to ensure thorough coverage.	Apply as early as first sizing spray and repeat at 10 - 14 day intervals as needed to provide additional insect control. Adequately cover fruit and foliage when insects are present.	Adequately cover fruit and foliage when insects are present. When applying more than 1 1/3 lbs. of PHONE (1 lb. a.i.), use proper spray volume pressure and nozzling in order to minimize the possibility of visible residue associated with wettable powder.

(continued)

GRAPES (West of the Rockies) (continued)

**USE INSTRUCTIONS
& RESTRICTIONS**

- **DO NOT** apply more than 6 1/2 lbs. (4.55 lbs. phosmet) of **PHONE**
- **DO NOT** apply within 7 days of harvest when using rates of 1 1/3 lbs. (1 lb. a.i.) per acre or less.
- **DO NOT** apply within 14 days of harvest when using rates greater than 1 1/3 lbs. (1 lb. a.i.) per acre.
- **DO NOT** enter or allow entry into treated areas during the REI of 14 days.
- Hand-set irrigation, scouting and hand-weeding is prohibited for 2 days after application.
- Table and raisin grapes – Tying/training, hand harvesting, leaf pulling are prohibited for 15 days after application.
- Wine/juice – Tying/training, hand harvesting, leaf pulling are prohibited for 23 days after application.
- Table grapes – Girdling and turning is prohibited for 35 days after application.
- **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.
- Limit spray drift; turn airblast spray nozzles inward on row ends; and **DO NOT** apply if bees are visiting the treatment area.
- Applications during the dormant season are prohibited.
- **DO NOT** apply via air or chemigation.

NECTARINES	
PHI	14
PEST	Apple Maggot, Japanese Beetle, Omnivorous Leafroller, Oriental Fruit Moth, Peach Twig Borer, Plum Curculio, Redbanded Leafroller, Rose Chafer, San Jose Scale, Spotted Wing Drosophila
USE RATE (lbs./acre)	2 1/8 - 4 1/4 (1.5 - 3 lbs. a.i.) (or 3/4 - 1 lb. per 100 gals. not to exceed 4 1/4 lbs. product or 3 lbs. a.i. per acre)
COMMENTS	For heavy insect infestations use higher dosage rates (4 1/4 lbs. product or 3 lbs. a.i. per acre). Repeat applications as necessary in accordance with insect infestations and local and State spray programs.
USE INSTRUCTIONS & RESTRICTIONS	• DO NOT apply more than 13 lbs. (9 lbs. phosmet) of PHONE per acre per year. • DO NOT enter or allow entry into treated areas during the REI of 4 days. • DO NOT apply within 14 days of harvest. • Hand-thinning is prohibited for 20 days after application at rates greater than 3 lbs. a.i./A or 15 days at rates less than or equal to 2.1 lbs. a.i./A. • Hand-harvesting is prohibited for 14 days after application at rates greater than 3 lbs. a.i./A or 3 days at rates less than or equal to 2.1 lbs. a.i./A. • 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 14 days after application of this product. • DO NOT use Omite® in combination with PHONE on late maturing nectarine varieties as fruit injury may result. • Limit spray drift; turn airblast spray nozzles inward on row ends; and DO NOT apply if bees are visiting the treatment area. • Applications during the dormant season are prohibited. • DO NOT apply via air or chemigation.

PEACHES	
PHI	14
PEST	Japanese Beetle, Oriental Fruit Moth, Peach Twig Borer, Plum Curculio, Rose Chafer, San Jose Scale, Spotted Wing Drosophila
USE RATE (lbs./acre)	2 1/8 - 4 1/4 (1.5 - 3 lbs. a.i.) (or 3/4 - 1 lb. per 100 gals. not to exceed 4 1/4 lbs. product or 3 lbs. a.i. per acre)
COMMENTS	For heavy insect infestations use higher dosage rates (4 1/4 lbs. product or 3 lbs. a.i. per acre). Repeat applications as necessary in accordance with insect infestations and local and State spray programs.
USE INSTRUCTIONS & RESTRICTIONS	• DO NOT apply more than 17 lbs. (12 lbs. phosmet) of PHONE per acre per year. • DO NOT enter or allow entry into treated areas during the REI of 4 days. • DO NOT apply within 14 days of harvest. • Hand-thinning is prohibited for 20 days after application at rates greater than 3 lbs. a.i./A or 15 days at rates less than or equal to 2.1 lbs. a.i./A. • Hand-harvesting is prohibited for 14 days after application at rates greater than 3 lbs. a.i./A or 3 days at rates less than or equal to 2.1 lbs. a.i./A. • 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 14 days after application of this product. • Limit spray drift; turn airblast spray nozzles inward on row ends; and DO NOT apply if bees are visiting the treatment area. • Applications during the dormant season are prohibited. • DO NOT apply via air or chemigation.

PEARS	
PHI	7
PEST	Apple Maggot, Codling Moth, Elm Spanworm, Fruittree Leafroller, Gypsy Moth, Japanese Beetle, Mealybug, Plum Curculio, Redbanded Leafroller, Rose Chafer, Spotted Wing Drosophila
USE RATE (lbs./acre)	2 1/8 - 5 3/4 (1.5 - 4 lbs. a.i.) (or 3/4 - 1 lb. per 100 gals. not to exceed 5 3/4 lbs. product or 4 lbs. a.i. per acre)
COMMENTS	For heavy insect infestations and areas west of the Rockies, use higher dosage rates (3 1/2 - 5 3/4 lbs. product or 2.45 - 4 lbs. a.i. per acre). Repeat applications as necessary in accordance with insect infestations and local and State spray recommendations.
USE INSTRUCTIONS & RESTRICTIONS	• DO NOT apply more than 16 lbs. (11 lbs. phosmet) of PHONE per acre per year. • DO NOT enter or allow entry into treated areas during the REI of 7 days. • DO NOT apply within 14 days of harvest. • Hand-thinning is prohibited for 23 days after application at rates greater than 4 lbs. a.i./A or 15 days at rates less than or equal to 2.1 lbs. a.i./A. • Hand-harvesting is prohibited for 11 days after application at rates greater than 4 lbs. a.i./A or 3 days at rates less than or equal to 2.1 lbs. a.i./A. • 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 14 days after application of this product. • Limit spray drift; turn airblast spray nozzles inward on row ends; and DO NOT apply if bees are visiting the treatment area. • DO NOT apply via air or chemigation.

PISTACHIOS (California only)		
PHI	14	
PEST	Navel Orangeworm, Obliquebanded Leafroller, Peach Twig Borer, Leaffooted plant bugs, Mealybugs, Soft scale such as European Fruit Lecanium	DORMANT SPRAY: Peach Twig Borer, San Jose Scale, Soft scale such as European Fruit Lecanium
USE RATE (lbs./acre)	4 1/3 (3 lbs. a.i.)	3 - 4 1/3 (2 - 3 lbs. a.i.)
COMMENTS	For optimum navel orange-worm control in the spring, use an appropriate navel orangeworm monitoring system to determine proper timing of the spray. Late season treatment for navel orange-worm must be applied before hull split reaches 10%.	Apply as a full coverage dormant spray with suitable spray oil according to oil manufacturer's specifications. Thorough coverage is essential for effective pest control.

(continued)

PISTACHIOS (California only) (continued)

**USE INSTRUCTIONS
& RESTRICTIONS**

- **DO NOT** apply more than 17 1/8 lbs. (12 lbs. phosmet) of **PHONE** per acre per year.
 - **DO NOT** enter or allow entry into treated areas during the REI of 3 days.
 - **DO NOT** apply within 14 days of harvest.
 - **DO NOT** prune for 7 days following an application of **PHONE**.
 - **DO NOT** apply more than 5 2/3 lbs. (4 lbs. phosmet) of **PHONE** per acre per crop season as a foliar spray.
 - Nuts must be harvested mechanically.
 - **DO NOT** allow livestock to graze or feed on cover crops in treated pistachio groves.
 - Limit spray drift; turn air-blast spray nozzles inward on row ends; and **DO NOT** apply if bees are visiting the treatment area.
 - **DO NOT** apply via air or chemigation.
- **DO NOT** apply more than 17 1/8 lbs. (12 lbs. phosmet) of **PHONE** per acre per year.
 - **DO NOT** enter or allow entry into treated areas during the REI of 3 days.
 - **DO NOT** apply within 14 days of harvest.
 - **DO NOT** prune for 7 days following an application of **PHONE**.
 - **DO NOT** apply more than 5 2/3 lbs. (4 lbs. phosmet) of **PHONE** per acre per crop season as a foliar spray.
 - Nuts must be harvested mechanically.
 - **DO NOT** allow livestock to graze or feed on cover crops.
 - Limit spray drift; turn air-blast spray nozzles inward on row ends; and **DO NOT** if bees are visiting the treatment area.
 - **DO NOT** apply via air or chemigation.

PLUMS, PRUNES	
PHI	7
PEST	Apple Maggot, Codling Moth, Japanese Beetle, Omnivorous Leafroller, Oriental Fruit Moth, Peach Twig Borer, Plum Curculio, Redhumped Caterpillar, Redbanded Leafroller, Rose Chafer, San Jose Scale, Spotted Wing Drosophila
USE RATE (lbs./acre)	2 1/8 - 4 1/4 (1.5 - 3 lbs. a.i.) (or 3/4 - 1 lb. per 100 gals. not to exceed 4 1/4 lbs. product or 3 lbs. a.i. per acre)
COMMENTS	For heavy insect infestations use higher dosage rates (3 1/2 - 4 1/4 lbs. PHONE or 2.45 - 3 lbs. a.i. per acre). Repeat applications as necessary in accordance with insect infestations and local and State spray programs.
USE INSTRUCTIONS & RESTRICTIONS	• DO NOT apply more than 13 lbs. (9 lbs. phosmet) of PHONE per acre per year. • DO NOT enter or allow entry into treated areas during the REI of 7 days. • DO NOT apply within 7 days of harvest. • Mechanical harvesting is permitted at 7 days after application. • Hand-thinning is prohibited for 20 days after application at rates greater than 3 lbs. a.i./A or 15 days at rates less than or equal to 2.1 lbs. a.i./A. • Hand-harvesting is prohibited for 14 days after application at rates greater than 2.1 lbs. a.i./A or 7 days at rates less than or equal to 2.1 lbs. a.i./A. • 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 14 days after application of this product. • Limit spray drift; turn airblast spray nozzles inward on row ends; and DO NOT apply if bees are visiting the treatment area. • Applications during the dormant season are prohibited. • DO NOT apply via air or chemigation.

WALNUTS, FILBERTS, and OTHER NUTS (including Beech nut, Brazil nut, Butternut, Cashew, Chestnut, Chinquapin, Hickory nut, Macadamia nut, and all hybrids or cultivars of these)	
PHI	28
PEST	Codling Moth, Navel Orangeworm, Walnut Husk Fly
USE RATE (lbs./acre)	2 - 8 1/2 (1.4 - 6 lbs. a.i.)
COMMENTS	For heavy insect infestations, use higher dosage rates. Repeat applications as necessary in accordance with insect infestations and local and State spray programs.
USE INSTRUCTIONS & RESTRICTIONS	• DO NOT enter or allow entry into treated areas during the REI of 7 days. • DO NOT apply within 28 days of harvest. • DO NOT prune for 7 days following an application of PHONE. • Nuts must be harvested mechanically. • DO NOT apply more than 17 1/7 lbs. (12 lbs. phosmet) of PHONE per acre per year. • DO NOT apply more than 8 1/2 lbs. (6 lbs. phosmet) of PHONE per acre per application or more than 5 times per season. • DO NOT apply after hull split. • Limit spray drift; turn airblast spray nozzles inward on row ends; and DO NOT apply if bees are visiting the treatment area. • DO NOT apply via air or chemigation.

FIELD, FORAGE, AND VEGETABLE CROPS

ALFALFA	
PHI	(See USE INSTRUCTIONS & RESTRICTIONS Section for PHI)
PEST	Alfalfa Blotch Leafminer*, Alfalfa Plant Bug*, Common and Egyptian Alfalfa Weevil larvae and adults, Fleahopper, Grasshopper, Lygus Bugs*, Pea Aphid*, Potato Leafhopper**, Leafhoppers, Spittlebugs
USE RATE (lbs./acre)	Arizona, California and Nevada: 1 (0.7 lb. a.i.) All other alfalfa growing regions: 1 - 1 1/3 (0.7 - 1 lb. a.i.)
COMMENTS	Apply in a minimum of 10 gals. of water by ground equipment (20 gals. for dense stands) or 5 gals. of water by aircraft. Consult your local farm advisor regarding the proper timing of application. Larvae should be sprayed when they are actively feeding. For application by irrigation systems, apply specified dosage per acre. If applying by chemigation, follow the General Chemigation Instructions above. * For control of pea aphid and other alfalfa pests, use PHONE in tank mix combination with other insecticides registered for use on alfalfa. ** Recommended for potato leafhopper in the Northeast and North Central States only.
USE INSTRUCTIONS & RESTRICTIONS	• DO NOT enter or allow entry into treated areas during the REI of 5 days. • DO NOT apply more than once per cutting. • DO NOT apply to alfalfa in the bloom period. • DO NOT use with latex or pineolene-based adjuvants or any agricultural sticker or extender. • In Arizona, California, and Nevada, DO NOT graze or cut for hay within 14 days of application. • In all other alfalfa growing regions, DO NOT graze or cut for hay within 7 days of application. • Limit spray drift; turn airblast spray nozzles inward on row ends; and DO NOT apply if bees are visiting the treatment area.

FIELD MARGINS (margins of cultivated fields and forage crop sites listed on this label)	
PEST	Grasshopper
USE RATE (lbs./acre)	2 1/8 - 2 3/4 (1.5 - 2 lbs. a.i.)
COMMENTS	Apply in 10 - 50 gals. of water per acre (20 - 50 gals. in dense stands) by ground equipment.
USE INSTRUCTIONS & RESTRICTIONS	• DO NOT enter or allow entry into treated areas during the REI of 5 days. • DO NOT graze livestock in treated areas. • DO NOT harvest for food or feed. • DO NOT apply via air or chemigation.

PEAS, Dry Seed and Succulent (Pacific Northwest only)	
PHI	18
PEST	Pea Weevil, Pea Leaf Weevil
USE RATE (lbs./acre)	1 - 1 1/3 (0.7 - 1 lb. a.i.)
COMMENTS	Apply in a minimum of 5 gals. of water per acre by aircraft or 20 gals. of water by ground equipment. Apply between emergence and early pod formation when adult populations are present but before eggs are laid. Consult your local County Agent or Extension Service Representative regarding proper timing of application. If applying via chemigation, follow the General Chemigation Instructions above.
USE INSTRUCTIONS & RESTRICTIONS	• DO NOT enter or allow entry into treated areas during the REI of 5 days. • DO NOT apply within 7 days of harvest. • DO NOT apply more than 6 2/3 lbs. (4.67 lbs. phosmet) of PHONE per acre per crop season. • DO NOT cut treated fresh pea forage for hay within 10 days of application.

POTATOES	
PHI	7
PEST	Colorado Potato Beetle, European Corn Borer, Potato Flea Beetle, Potato Leafhopper, Potato Psyllid, Potato Tuber Moth, Blister Beetle
USE RATE (lbs./acre)	1 1/3 (1 lb. a.i.)
COMMENTS	Apply in a minimum of 2 gals. of water per acre. Repeat applications as necessary throughout the growing season with a minimum of 10 days between applications. For application via air and irrigation systems, apply specified dosage per acre. If applying by chemigation, follow the General Chemigation Instructions above.
USE INSTRUCTIONS & RESTRICTIONS	• DO NOT enter or allow entry into treated areas during the REI of 5 days. • DO NOT apply within 7 days of harvest. • DO NOT apply more than 6 2/3 lbs. (4.67 lbs. phosmet) of PHONE per acre per crop season. • Potatoes must be harvested mechanically. • Limit spray drift; turn airblast spray nozzles inward on row ends; and DO NOT apply if bees are visiting the treatment area.

SWEET POTATOES	
PHI	7
PEST	Sweet Potato Weevil, Banded Cucumber Beetle, Whitefringed Beetle, suppression of White Grub and Wireworm
USE RATE (lbs./acre)	1 1/3 (1 lb. a.i.)
COMMENTS	Foliar Applications: Apply 1 1/3 lbs. of PHONE (1 lb. a.i.) in a minimum of 2 gallons of water per acre as a full coverage spray. Plantbed treatment: Apply 1 1/3 lbs. (1 lb. a.i.) in 25 - 50 gallons of water per acre. Allow a minimum of 10 days between foliar and plantbed re-applications. Air Applications: Apply specified dosage per acre. If applying by chemigation, follow the General Chemigation Instructions above.
USE INSTRUCTIONS & RESTRICTIONS	• DO NOT enter or allow entry into treated areas during the REI of 4 days for seedbed treatment and 5 days for foliar applications. • DO NOT make more than 5 applications per season. • DO NOT apply within 7 days of harvest. • DO NOT apply more than 6 2/3 lbs. (4.67 lbs. phosmet) of PHONE per acre per crop season. • Sweet potatoes must be harvested mechanically. • Limit spray drift; turn airblast spray nozzles inward on row ends; and DO NOT apply if bees are visiting the treatment area.

OTHER USES (NOT FOR HOMEOWNER USE)

CONIFER TREES (Growing in Christmas Tree Nurseries and Plantations)	
PEST	European Pine Shoot Moth (<i>Rhyacionia buoliana</i>), Gypsy Moth, Nantucket Pine Tip Moth, Pitch Eating Weevil, Pales Weevil, Adult Root Collar Weevil, Sawfly
USE RATE (lbs./acre)	1 1/3 - 1 1/2 lbs. (1 - 1.05 lbs. a.i.) per acre OR For individual trees 1 1/3 lbs. (1 lb. a.i.) per 100 gals.
COMMENTS	Apply in sufficient water to achieve thorough and complete coverage through ground application equipment. Apply when pest populations reach economic threshold levels as determined by the local Extension Service, Forest Service, or other monitoring system. The addition of a sticker or extender may help retain PHONE on the needles under high rainfall conditions.
USE INSTRUCTIONS & RESTRICTIONS	• DO NOT enter or allow entry into treated areas during the REI of 13 days. • DO NOT make more than 3 applications per year. • DO NOT apply via air or chemigation.

CONIFER TREE SEED ORCHARDS	
PEST	Seedworms, Coneworms, Seed Bugs, Mealybugs
USE RATE (lbs./acre)	1 1/3 - 1 1/2 lbs. (1 - 1.05 lbs. a.i.) per acre
COMMENTS	Thorough coverage of cones is necessary for maximum control. Apply in sufficient water for complete coverage. First application should be applied within 30 days of peak pollen flight followed by up to 2 applications as needed. Air Applications: Apply specified dosage per acre. If applying by chemigation, follow the General Chemigation Instructions above.
USE INSTRUCTIONS & RESTRICTIONS	• DO NOT enter or allow entry into treated areas during the REI of 13 days. • DO NOT make more than 3 applications per year.

CONIFER SEEDLINGS (White, Slash and Loblolly)			
PEST	Pales Weevil (<i>Hylobius pales</i>), Pitch Eating Weevil (<i>Pachylobius picivorus</i>)		
USE RATE (lbs./acre)	4% Top Dip Solution		
	To Make	Use This Amount of PHONE	a.i.
	5 gals.	2 1/2 lbs.	1.75 lbs.
	30 gals.	14 lbs.	9.8 lbs.
	50 gals.	24 lbs.	16.8 lbs.
	100 gals.	48 lbs.	33.6 lbs.
COMMENTS	Use PHONE as a 4% top dip, dipping down to and including root collar only. Dip in bundles loose enough to allow solution to penetrate the bundles. Avoid coverage of roots. Swish tops in solution for 10 to 15 seconds to assure adequate coverage of all top growth. Drain and allow seedlings to dry before planting. The addition of a sticker or extender may help retain PHONE on the needles under high rainfall conditions. Some slight needle burn and first year growth reduction may occur on treatment of loblolly pine. Agitate frequently to keep PHONE in suspension. Five gals. of solution should be enough to treat 10,000 seedlings.		
USE INSTRUCTIONS & RESTRICTIONS	• DO NOT keep PHONE solution overnight. Make up a fresh batch each day that seedlings will be dipped. • DO NOT apply via air or chemigation.		

DECIDUOUS TREES and WOODY EVERGREENS	
PEST	Elm Spanworm, Birch Leafminer, Eastern Tent Caterpillar, Elm Leaf Beetle larvae, Gypsy Moth, Leafhopper, Magnolia Leafminer, Mealybug, Japanese Beetle, Redhumped Caterpillar, Snails, Slugs, Spring Cankerworm
USE RATE (lbs./acre)	3/4 - 1 lb. (0.5 - 0.7 lb. a.i.) per 100 gals.
COMMENTS	Apply when insects or their damage occur. Thoroughly wet all parts of the affected plants to the point of runoff. For heavy infestations, use the higher dosage rate. Repeat application as necessary to maintain insect control. Choose a cool calm period, preferably in early morning or evening.
USE INSTRUCTIONS & RESTRICTIONS	• DO NOT enter or allow entry into treated areas during the REI of 13 days. • DO NOT make more than 3 applications per year. • DO NOT apply if rain is expected or before leaf surfaces are dry. • DO NOT apply via air or chemigation.

ORNAMENTAL PLANTS AND NONBEARING FRUIT AND NUT TREES AND VINES (Plants and trees growing in nurseries and established ornamental landscape plantings that will not bear fruit or nuts within one year (365 days) following application)	
PEST	Elm Spanworm, Birch Leafminer, Eastern Tent Caterpillar, Elm Leaf Beetle and Larvae, Gypsy Moth, Leafhopper, Magnolia Leafminer, Mealybug, Japanese Beetle, Redhumped Caterpillar, Snails, Slugs, Spring Cankerworm, Apopka Weevil, Obliquebanded Leafroller
USE RATE (lbs./acre)	3/4 - 1 lb. (0.5 - 0.7 lb. a.i.) per 100 gals.
COMMENTS	Apply in sufficient water to achieve thorough and complete coverage through ground application equipment. Apply when pest populations reach economic threshold levels as determined by the local Extension Service, Forest Service, or other monitoring system.
USE INSTRUCTIONS & RESTRICTIONS	• DO NOT enter or allow entry into treated areas during the REI of 24 hours. • DO NOT make more than 3 applications per year. • DO NOT apply via air or chemigation.

STORAGE AND DISPOSAL

DO NOT contaminate water, food, or feed by storage or disposal.

PESTICIDE STORAGE: Keep this product in its tightly closed original container when not in use. Store in a cool, dry, well-ventilated (preferably locked) area, above 40°F, that is inaccessible to children and animals, and away from other pesticides, fertilizers, food, feed and seed. **DO NOT** contaminate other pesticides, fertilizers, water, food or feed by storage or disposal.

Agricultural Chemical: **DO NOT** ship or store with food, feeds, drugs, or clothing.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility. Improper disposal of unused pesticide, spray mixture, or rinse water is a violation of Federal law. If these wastes cannot be used 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 HANDLING:

Nonrefillable Plastic (Capacity Equal to or Less Than 50 Pounds): Nonrefillable container. **DO NOT** reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then, offer for recycling if available or puncture and dispose of it in a sanitary landfill, or by incineration, or by other procedures allowed by State and local authorities.

Nonrefillable Plastic (Capacity Greater Than 50 Pounds): Nonrefillable container. **DO NOT** reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then, offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by State and local authorities.

(continued)

STORAGE AND DISPOSAL *(continued)*

CONTAINER HANDLING: *(continued)*

Nonrefillable Plastic, e.g., Intermediate Bulk Containers [IBC] (Size or Shape Too Large to be Tipped, Rolled or Turned Upside Down): Nonrefillable container.

DO NOT reuse or refill this container. Clean container promptly after emptying the contents from this container into application equipment or mix tank and before final disposal using the following pressure rinsing procedure. Insert a lance fitted with a suitable tank cleaning nozzle into the container and ensure that the water spray thoroughly covers the top, bottom, and all sides inside the container. The nozzle manufacturer generally provides instructions for the appropriate spray pressure, spray duration and/or spray volume. If the manufacturer's instructions are not available, pressure rinse the container for at least 60 seconds using a minimum pressure of 30 PSI with a minimum rinse volume of 10% of the container volume. Drain, pour or pump rinsate into application equipment or rinsate collection system. Repeat this pressure rinsing procedure two more times. Then, offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration.

Nonrefillable Paper or Plastic Bags, Fiber Sacks including Flexible Intermediate Bulk Containers (FIBC) or Fiber Drums with Liners: Nonrefillable container. **DO NOT** reuse or refill this container. Completely empty paper or plastic bag, fiber sack or drum liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application or manufacturing equipment. Then offer for recycling if available or dispose of empty paper or plastic bag, fiber sack or fiber drum and liner in a sanitary landfill, or by incineration, or by other procedures allowed by State and local authorities.

Refillable Fiber Drums with Liners: Refillable container (fiber drum only).

Refilling Fiber Drum: Refill this fiber drum with this pesticide only. **DO NOT** reuse this fiber drum for any other purpose. Cleaning before refilling is the responsibility of the refiller. Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application or manufacturing equipment. Disposing of Fiber Drum and/or Liner: **DO NOT** reuse this fiber drum for any other purpose other than refilling (see preceding). Cleaning the container (liner and/or fiber drum) before final disposal is the responsibility of the person disposing of the container. Offer the liner for recycling if available or dispose of liner in a sanitary landfill, or by incineration. **DO NOT** burn, unless allowed by State and local ordinances. If drum is contaminated and cannot be reused, dispose of it in the manner required for its liner. To clean the fiber drum before final disposal, completely empty the fiber drum by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application or manufacturing equipment. Then offer the fiber drum for recycling if available or dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by State and local authorities.

(continued)

STORAGE AND DISPOSAL *(continued)*

CONTAINER HANDLING: *(continued)*

Refillable Plastic Containers: Refillable container. Refilling Container: Refill this container with this pesticide only. **DO NOT** reuse this container for any other purpose. Cleaning before refilling is the responsibility of the refiller. Prior to refilling, inspect carefully for damage including cracks, punctures, abrasions, worn out threads and closure devices. If damage is found, **DO NOT** use the container. Check for leaks after refilling and before transporting. If leaks are found, **DO NOT** reuse or transport container. Disposing of Container: **DO NOT** reuse this container for any other purpose other than refilling (see preceding). Cleaning the container before final disposal is the responsibility of the person disposing of the container. To clean the container before final disposal, use the following pressure rinsing procedure. Insert a lance fitted with a suitable tank cleaning nozzle into the container and ensure that the water spray thoroughly covers the top, bottom, and all sides inside the container. The nozzle manufacturer generally provides instructions for the appropriate spray pressure, spray duration and/or spray volume. If the manufacturer's instructions are not available, pressure rinse the container for at least 60 seconds using a minimum pressure of 30 PSI with a minimum rinse volume of 10% of the container volume. Drain, pour or pump rinsate into application equipment or rinsate collection system. Repeat this pressure rinsing procedure two more times. Then, offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by State and local authorities.

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather, presence of other materials or other influencing factors in the use of the product, which are beyond the control of Sharda USA LLC or Seller. To the extent consistent with applicable law, all such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Sharda USA LLC and Seller harmless for any claims relating to such factors.

Sharda USA LLC 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 referred to above, when used in accordance with directions under normal use conditions. To the extent consistent with applicable law, this warranty does not extend to the use of this product contrary to label instructions, or under conditions not reasonably foreseeable to or beyond the control of Seller or Sharda USA LLC and Buyer and User assume the risk of any such use. To the extent consistent with applicable law, SHARDA USA LLC MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

To the extent consistent with applicable law, neither Sharda USA LLC nor Seller shall be liable for any incidental, consequential, or special damages resulting from the use or handling of this product. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF SHARDA USA LLC AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF SHARDA USA LLC OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

Sharda USA LLC and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitation of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of Sharda USA LLC.

All trademarks are the property of their respective owners.

PRIMEROS AUXILIOS	
SI SE INGIERE:	• Llame de inmediato a un centro de control de envenenamientos o a un médico para consejo de tratamiento. • Si la persona puede tragar, haga que beba un vaso de agua lentamente. • NO induzca el vómito a menos que así se lo indique un centro de control de envenenamientos o un médico. • NO administre nada por boca a una persona que haya perdido el conocimiento.
SI ES INHALADO:	• Traslade a la persona al aire fresco. • Si la persona no está respirando llame al 911 o a una ambulancia, luego dé respiración artificial, preferiblemente de boca a boca, si es posible. • Llame al centro de control de envenenamientos o a un médico para consejo de tratamiento.
SI CAE EN LA PIEL O LA ROPA:	• Qítense la ropa contaminada. • Enjuague la piel inmediatamente con bastante agua por 15 - 20 minutos. • Llame al centro de control de envenenamientos o a un médico para consejo de tratamiento.
SI ENTRA EN CONTACTO CON LOS OJOS:	• Mantenga los ojos abiertos y enjuáguelos lenta y cuidadosamente con agua, durante 15 a 20 minutos. • Si utiliza lentes de contacto, retírelos después de los primeros 5 minutos, luego continúe enjuagando los ojos. • Llame al centro de control de envenenamientos o a un médico para consejo de tratamiento.
NÚMERO DE TELÉFONO DIRECTO	
Cuando llame a un centro de control de envenenamiento, o a un médico, o intente obtener tratamiento, tenga a la mano el recipiente o la etiqueta del producto. Para información emergencia sobre este producto, llame al centro de control de envenenamientos a 1-800-222-1222. Para información general sobre este producto, contacte al Centro Nacional de Información de Pesticidas (NPIC, por sus siglas en inglés) a 1-800-858-7378, Lunes a Viernes, 8 AM a 12 PM PST (hora del Pacífico), o a http://npic.orst.edu.	
NOTA AL MÉDICO	
Este producto es un insecticida organofosforado. Si se presentan síntomas de inhibición de la colinesterasa, el sulfato de atropina por inyección es el antídoto. El 2-PAM también es un antídoto y puede administrarse, pero solo junto con la atropina.	

DECLARACIONES PREVENTIVAS

RIESGOS PARA LOS SERES HUMANOS Y ANIMALES DOMÉSTICOS

AVISO: Puede ser letal si se ingiere o se inhala. Causa irritación moderada en los ojos. Puede ser letal si se absorbe por la piel. **NO** respire (polvo o particulado, vapor o rociado). Evite el contacto con la piel, los ojos o ropa. Lávese con abundante agua y jabón luego de manejar (pesticidas) y antes de comer, beber, masticar chicle, utilizar tabaco, o usar al baño. Quítese y lave la ropa contaminada antes de reutilizarla.

EQUIPO DE PROTECCIÓN PERSONAL (PPE, por sus siglas en inglés)

Las personas que mezclan, cargan, y otros manipuladores deben usar:

- Camisa de manga larga y pantalones largos;
- Zapatos y calcetines;
- Lentes o gafas protectoras;
- Guantes resistentes a productos químicos fabricados con laminados impermeables; goma de butilo ≥ 14 mils; goma de nitrilo ≥ 14 mils; goma de neopreno ≥ 14 mils; goma natural ≥ 14 mils; polietileno, cloruro de polivinilo ≥ 14 mils, o Viton ≥ 14 mils;
- Delantal resistente a productos químicos cuando se limpie el equipo, se mezcle o se cargue el pesticida (plaguicida) y;
- Máscara respiradora de filtro de partículas aprobada por NIOSH con cualquier filtro R o P; O un respirador de partículas elastomérico aprobado por NIOSH con cualquier filtro R o P; O un respirador con purificador de aire motorizado aprobado por NIOSH con filtros HE con el prefijo de número de aprobación de NIOSH TC-21C.

Los aplicadores que utilicen controles de ingeniería, incluidos equipos aéreos con cabina cerrada y equipos terrestres con cabina cerrada, deben usar:

- Camisa de manga larga y pantalones largos;
- Zapatos y calcetines;
- Lentes o gafas protectoras; y
- Máscara respiradora de filtro de partículas aprobada por NIOSH con cualquier filtro R o P; O un respirador de partículas elastomérico aprobado por NIOSH con cualquier filtro R o P; O un respirador con purificador de aire motorizado aprobado por NIOSH con filtros HE con el prefijo de número de aprobación de NIOSH TC-21C.

Los aplicadores que utilicen equipos manuales o boquillas manuales fuera de una cabina cerrada, los aplicadores que sumerjan plántulas de pino y los manipuladores que se dediquen a limpiar un derrame o fuga, o a limpiar o reparar equipos contaminados, deben usar:

- Overol (mameluco) encima de una camisa de manga larga y pantalones largos;
- Guantes resistentes a productos químicos fabricados con laminados impermeables; goma de butilo ≥ 14 mils; goma de nitrilo ≥ 14 mils; goma de neopreno ≥ 14 mils; goma natural ≥ 14 mils; polietileno, cloruro de polivinilo ≥ 14 mils, o Viton ≥ 14 mils;
- Calcetines y zapatos resistentes a productos químicos;
- Lentes o gafas protectoras;
- Equipo de protección para la cabeza resistente a productos químicos, para la exposición por encima de la cabeza;
- Delantal resistente a productos químicos, si se manipula el concentrado o se aplica mediante inmersión de plántulas de pino; y
- Máscara respiradora de filtro de partículas aprobada por NIOSH con cualquier filtro R o P; O un respirador de partículas elastomérico aprobado por NIOSH con cualquier filtro R o P; O un respirador con purificador de aire motorizado aprobado por NIOSH con filtros HE con el prefijo de número de aprobación de NIOSH TC-21C.

Consulte **Controles de ingeniería** para conocer requisitos y opciones adicionales.

Siga las instrucciones del fabricante para la limpieza/mantenimiento del equipo de protección personal (PPE, por sus siglas en inglés). En caso de no existir dichas instrucciones de lavado, utilice detergente y agua caliente. Mantenga y lave el PPE separadamente de otra ropa para lavar. Deseche la ropa y otros materiales absorbentes que hayan sido empapados o muy contaminados con el concentrado de este producto. **NO** vuelva a reutilizarlos.

DECLARACIÓN DE CONTROL TÉCNICO

Los paquetes solubles en agua, cuando se usan correctamente, califican como un sistema cerrado de mezcla/carga bajo el Estándar de Protección del Trabajador [40 CFR 170.607(d)]. Los mezcladores y cargadores que manipulen este producto mientras esté contenido en paquetes solubles en agua intactos pueden optar por usar equipo de protección personal (PPE por sus siglas en inglés) reducido, que incluye camisa de manga larga, pantalones largos, zapatos, calcetines, un delantal y guantes resistentes a productos químicos. Cuando se usa equipo de protección personal (PPE por sus siglas en inglés) reducido debido a que se utiliza un sistema cerrado, los manipuladores deben recibir todo el equipo de protección personal (PPE por sus siglas en inglés) especificado anteriormente y tener dicho equipo de protección personal (PPE por sus siglas en inglés) disponible de inmediato para su uso en caso de emergencia, como un derrame o una avería del equipo.

Controles de Ingeniería para Mezcladores y Cargadores:

Los paquetes solubles en agua, cuando se usan correctamente, califican como un sistema cerrado de mezcla/carga bajo el Estándar de Protección del Trabajador para Pesticidas Agrícolas [40 CFR 170.240(d)(4)].

Los mezcladores y cargadores que utilicen paquetes solubles en agua deben:

- Usar el equipo de protección personal requerido en la sección de equipo de protección personal (PPE por sus siglas en inglés) de esta etiqueta para mezcladores y cargadores, y
- Tener disponible de inmediato para su uso en caso de emergencia, como un paquete roto, derrame o avería del equipo:
 - o Lentes o gafas protectoras;
 - o Zapatos resistentes a productos químicos; y
 - o Un respirador del tipo especificado en la sección de equipos de protección individual de este etiquetado.

Controles de Ingeniería para Aplicadores que usan Equipos Motorizados de Cabina Cerrada:

Cuando los aplicadores usan equipos motorizados de pulverización terrestre o aérea, deben usar una cabina cerrada que cumpla con la definición en el Estándar de Protección del Trabajador para Pesticidas Agrícolas [40 CFR 170.607(e)] para protección dérmica, deben:

- Usar el equipo de protección personal (PPE por sus siglas en inglés) especificado en esta etiqueta para aplicadores que usan cabinas cerradas, y
- Usar un respirador del tipo especificado en la sección de equipo de protección personal (PPE por sus siglas en inglés) de esta etiqueta. No es necesario usar el respirador dentro de la cabina cerrada si la cabina cerrada tiene un sistema de ventilación de aire que funcione correctamente y que se use y mantenga de acuerdo con las instrucciones de funcionamiento escritas del fabricante.
- Tener disponible de inmediato para su uso en caso de emergencia cuando deban salir de la cabina en el área tratada:
 - o Overol (mameluco);
 - o Lentes o gafas protectoras;
 - o Guantes resistentes a productos químicos fabricados con laminados impermeables; goma de butilo ≥ 14 mils; goma de nitrilo ≥ 14 mils; goma de neopreno ≥ 14 mils; goma natural ≥ 14 mils; polietileno, cloruro de polivinilo ≥ 14 mils, o Viton ≥ 14 mils;
 - o Zapatos resistentes a productos químicos;
 - o Equipo de protección para la cabeza resistente a productos químicos, para la exposición por encima de la cabeza; y
 - o Si se usa una cabina cerrada que cumpla con las condiciones de 40 CFR 170.607(e), un respirador del tipo especificado en la sección de equipo de protección personal (PPE por sus siglas en inglés) de esta etiqueta

- Tener disponible de inmediato todo el equipo de protección personal (PPE por sus siglas en inglés) requerido por la etiqueta del producto pesticida para manipuladores y aplicadores y almacenado en un contenedor sellado para evitar la contaminación.
- Quitarse cualquier equipo de protección personal (PPE por sus siglas en inglés) que se haya usado en el área tratada antes de volver a entrar en la cabina.

Controles de Ingeniería para Aplicaciones Aéreas:

Los pilotos deben utilizar una cabina que cumpla con los requisitos establecidos en la Ley de Protección al Trabajador (WPS, por sus siglas en inglés) para pesticidas agrícolas [40 CFR 170.240(d)(6)]. Se prohíbe la señalización humana.

RIESGOS AMBIENTALES

Este químico puede contaminar el agua superficial a través de aplicaciones aéreas y terrestres. Bajo algunas condiciones, también puede tener un alto potencial de escorrentía hacia el agua superficial después de la aplicación. Esto ocurre especialmente en suelos con mal drenaje o húmedos con pendientes claramente visibles hacia aguas superficiales adyacentes, áreas frecuentemente inundadas, áreas sobre aguas subterráneas extremadamente poco profundas, áreas con canales o zanjas que drenan hacia aguas superficiales, áreas no separadas de aguas superficiales adyacentes con franjas de vegetación filtrante, y áreas con sistemas de drenaje subterráneo que drenan hacia aguas superficiales. Este pesticida es tóxico hacia peces e invertebrados acuáticos. **NO** aplique directamente a cuerpos de agua, en áreas donde haya aguas superficiales, o en áreas intermareales que se encuentren bajo el nivel de altura máxima promedio del agua. La deriva o el rociado y las escorrentías pueden ser peligrosas para los organismos acuáticos en aguas adyacentes a las áreas tratadas. No contamine el agua al desechar el agua de lavado o enjuague del equipo.

Aviso Sobre Polinizadores: Este producto es altamente tóxico para las abejas expuestas directamente a los residuos de la aplicación en los cultivos. **NO** aplique este producto ni deje que se disperse sobre cultivos en flor o malas hierbas mientras las abejas estén visitando activamente la zona de tratamiento. Se puede obtener información de protección de su Servicio de Extensión Agrícola Cooperativa.

El uso de este producto de forma contraria a lo indicado en su etiqueta constituye una infracción de la ley federal.

ALMACENAMIENTO Y DESECHO

NO contamine agua, comida ni forrajes mediante el almacenamiento y desecho.

ALMACENAMIENTO DE PESTICIDAS: Mantenga el envase bien cerrado cuando no esté en uso. Almacene un lugar fresco, seco, bien ventilado y bajo llave, almacene a temperaturas por encima de 40°F, almacene solo en el envase o recipiente original, en un lugar fresco y seco, fuera del alcance de niños y mascotas. Mantenga los envases cerrados y alejados de otros productos químicos.

NO CONTAMINE otros pesticidas, fertilizantes, agua, alimentos ni forraje durante el almacenamiento o la eliminación.

Producto químico agrícola: NO enviar ni almacenar con alimentos, piensos, medicamentos o ropa.

DESECHO DE PESTICIDAS: Los residuos de pesticidas son muy peligrosos. Los residuos resultantes del uso de este producto pueden eliminarse en el sitio o en una instalación de eliminación de residuos aprobada. La disposición inadecuada del pesticida sobrante, mezcla de aerosol o aguas de enjuague de contenedores, constituye una violación de la Ley Federal. Si estos residuos no pueden ser eliminados de acuerdo a las instrucciones de la etiqueta, contacte la agencia para el manejo de pesticidas o control ambiental de su estado, o el representante para el Manejo de Residuos Peligrosos de la Oficina Regional de la EPA más cercana para obtener indicaciones del proceso a seguir para su disposición.

MANIPULACIÓN DE ENVASES:

Recipientes de plástico no rellenables (Capacidad igual o menos de 50 libras): Recipiente no rellenable. **NO** reutilice ni rellene este recipiente. Enjuague tres veces (o equivalente) el recipiente inmediatamente después de vaciarlo. Enjuague tres veces siguiendo estas indicaciones: vacíe los contenidos restantes en el equipo de aplicación o un tanque de mezclar, y drene por 10 segundos después de que el flujo empiece a gotear. Llene el recipiente 1/4 lleno con agua y tape de nuevo. Agite por 10 segundos. Eche el enjuague en el equipo de aplicación o tanque de mezclar, o almacene el enjuague para uso más tarde o eliminación. Drene por 10 segundos después de que el flujo empiece a gotear. Repita este procedimiento dos veces más. A continuación, preparar el recipiente para reciclaje o reacondicionamiento si está disponible o perforar y desechar en un vertedero sanitario, o mediante otros procedimientos que hayan sido aprobados por las autoridades estatales y locales.

(continuado)

ALMACENAMIENTO Y DESECHO (continuado)

MANIPULACIÓN DE ENVASES: (continuado)

Recipientes de plástico no rellenables (Capacidad más de 50 libras): Recipiente no rellenable. **NO** reutilice ni rellene este recipiente. Enjuague tres veces (o equivalente) el recipiente inmediatamente después de vaciarlo. Enjuague tres veces siguiendo estas indicaciones: vacíe los contenidos restantes en el equipo de aplicación o un tanque de mezclar. Llene el recipiente 1/4 lleno con agua. Reemplace y asegure los cierres. Vuelque el recipiente al lado y hágalo rodar por 30 segundos, asegurando por lo menos una revolución completa. Ponga el recipiente vertical e inclínelo hacia adelante y hacia atrás varias veces. Dé vuelta al recipiente hacia el lado opuesto e inclínelo hacia adelante y hacia atrás varias veces. Eche el enjuague en el equipo de aplicación o tanque de mezclar, o almacene el enjuague para uso más tarde o eliminación. Repita este procedimiento dos veces más. A continuación, preparar el recipiente para reciclaje o reacondicionamiento si está disponible o perforar y desechar en un vertedero sanitario, o mediante otros procedimientos que hayan sido aprobados por las autoridades estatales y locales.

Recipientes de plástico no rellenables, ej. intermedio para productos a granel [FIBC por sus siglas en inglés] (Tamaño o forma demasiado grande para volcarlo, enrollarlo o ponerlo boca abajo): Recipiente no rellenable. **NO** reutilice ni rellene este recipiente. Limpie el recipiente inmediatamente una vez que vacíe su contenido dentro del equipo de aplicación o tanque de mezcla y antes de su desecho final, usando el siguiente procedimiento de enjuague a presión. Inserte una lanza con boquilla apropiada para la limpieza de tanques en el recipiente y asegúrese de que el agua asperjada cubra completamente la parte superior, parte inferior y los lados del interior del recipiente. El fabricante de las boquillas generalmente proporciona instrucciones acerca de la presión de aspersión adecuada, la duración de la aspersión y/o volumen de aspersión. Si las instrucciones del fabricante no están disponibles, enjuague el recipiente a presión por lo menos durante 60 segundos usando una presión mínima de 30 PSI (libras por pulgada cuadrada), con un volumen de enjuague mínimo del 10% del volumen del recipiente. Drene, vierta o bombee el agua de enjuague hacia adentro del equipo de aplicación o en un sistema recolector de agua de enjuague. Repita este procedimiento de enjuague a presión dos veces más. Luego ofrezca para el reciclaje si está disponible o perfore y deseche en un área adecuada para desechos sanitarios, o por la incineración.

(continuado)

ALMACENAMIENTO Y DESECHO (continuado)

MANIPULACIÓN DE ENVASES: (continuado)

Bolsas de papel o plástico, sacos de fibra incluyendo recipientes flexibles de tamaño intermedio para productos a granel (FIBC por sus siglas en inglés) o tambores de fibra con bolsa: Recipiente no rellenable. **NO** reutilice ni rellene este recipiente. Vacíe por completo la bolsa de papel o plástico, saco de fibra con bolsa interior para tambores, sacudiéndolos y golpeando los lados y el fondo de estos para aflojar las partículas pegadas. Vacíe los residuos en el equipo de aplicación o de fabricación. Después, ofrezca para reciclaje si el servicio está disponible o deseche la bolsa de papel o plástico, saco de fibra o tambor de fibra y bolsa en un vertedero sanitario o para incineración o, si lo permiten las autoridades estatales y locales, quemándolo.

Tambores de fibra con bolsa rellenables: Recipiente rellenable (solo tambores de fibra). Rellenando el tambor de fibra: Rellene este tambor de fibra solamente con pesticida. **NO** reutilice este tambor de fibra para ningún otro propósito. La limpieza antes de rellenar es la responsabilidad de la persona que lo va a rellenar. Vacíe completamente el forro sacudiendo los lados y el fondo para aflojar las partículas adheridas. Vacíe los residuos en el equipo de aplicación o de fabricación. Desecho del tambor de fibra y/o bolsa interior: **NO** reutilice este tambor de fibra para ningún otro propósito que no sea el de rellenar (véase más arriba). La limpieza del recipiente (bolsa interior y/o tambor de fibra) antes de su desecho final es responsabilidad de la persona que lo desecha. Ofrezca la bolsa interior para reciclaje, si el servicio está disponible, o deshágase de la misma en un vertedero sanitario o mediante incineración. **NO** lo queme a menos que esté permitido por las ordenanzas estatales y locales. Si el tambor está contaminado y no se puede reutilizar, deséchelo de la misma manera requerida para sus bolsas interiores. Para limpiar el tambor de fibra antes de su desecho final, vacíe por completo el tambor de fibra, sacudiendo y golpeando los lados y el fondo para aflojar las partículas pegadas. Vacíe los residuos en el equipo de aplicación o industrial. Después, ofrezca para reciclaje si el servicio está disponible o deseche el tambor de fibra con bolsa vacío en un vertedero sanitario o mediante otros procedimientos aprobados por las autoridades estatales y locales.

(continuado)

ALMACENAMIENTO Y DESECHO *(continuado)*

MANIPULACIÓN DE ENVASES: *(continuado)*

Recipientes de plástico y metal rellenables: Recipiente rellenable. Rellenado del recipiente: Rellene este recipiente únicamente con pesticida. **NO** reutilice este recipiente para ningún otro propósito. La limpieza antes de rellenar es la responsabilidad de la persona que lo va a rellenar. Antes de rellenar, inspeccione cuidadosamente en busca de daños tales como grietas, perforaciones, abrasiones, roscas desgastadas y dispositivos de cierre. Si se encuentran daños, **NO** use el recipiente. Compruebe que no haya fugas después del rellenado y antes del transporte. Si encuentra fugas **NO** reutilice o transporte el recipiente. Desecho del recipiente: **NO** reutilice este recipiente para ningún otro propósito que no sea su relleno (vea la sección anterior). La limpieza del recipiente antes de su eliminación final es la responsabilidad de la persona que se deshace del recipiente. Para limpiar el recipiente antes de su desecho final, utilice el siguiente procedimiento de enjuague a presión. Inserte una lanza con boquilla apropiada para la limpieza de tanques en el recipiente, y asegúrese de que el agua asperjada cubra completamente la parte superior, parte inferior y los lados del interior del recipiente. El fabricante de las boquillas generalmente proporciona instrucciones acerca de la presión de aspersión adecuada, la duración de la aspersión y/o volumen de aspersión. Si las instrucciones del fabricante no están disponibles, enjuague el recipiente a presión por lo menos durante 60 segundos usando una presión mínima de 30 PSI (libras por pulgada cuadrada), con un volumen de enjuague mínimo del 10% del volumen del recipiente. Drene, vierta o bombee el agua de enjuague hacia dentro del equipo de aplicación o en un sistema recolector de agua de enjuague. Luego ofrezca para el reciclaje si está disponible o perfore y deseche en un área adecuada para desechos sanitarios, o por otros procedimientos aprobados por las autoridades estatales y locales o la incineración.

NOTES

PHOSMET GROUP 1B INSECTICIDE

PHONE

Contained in Water Soluble Packaging

ACTIVE INGREDIENT:

Phosmet*: N-(Mercaptomethyl) phthalimide,
S-(0,0-dimethyl phosphorodithioate)

WT. BY %

OTHER INGREDIENTS: 70.0%

TOTAL: 30.0%

*PHONE contains 1.0 lb. active ingredient per gallon of formulated product.

KEEP OUT OF REACH OF CHILDREN WARNING / AVISO

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.)

See inside booklet for complete First Aid, Precautionary Statements, Directions For Use, Storage and Disposal and Limited Warranty and Disclaimer.

EPA Reg. No. 82633-130-83529 EPA Est. No. **AG** 72159-GA-001; **MC** 89332-GA-001; **SC** 39578-TX-001

The EPA Establishment Number is identified by the circled letters above that match the first two letters in the batch number.

Manufactured For:

Sharda USA LLC 

7217 Lancaster Pike, Suite A
Hockessin, Delaware 19707

Net Contents: **5 lbs.**

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