

51036-130

11/15/2000

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RESTRICTED USE PESTICIDE
Due to acute toxicity. For retail sale to and use only by Certified Applicators or persons under their direct supervision and only for those uses covered by the Certified Applicator's Certification.

AZINPHOSMETHYL 35W
AGRICULTURAL INSECTICIDE
Organophosphate

For control of certain insect pests on field crops, fruit, vegetable crops, nuts and certain ornamental plantings.

A 35% wettable powder product in water soluble packaging.

ACTIVE INGREDIENT:

O,O-Dimethyl S-[(4-oxo-1,2,3-benzotriazin-3 (4H)-yl) methyl] phosphorodithioate.....	35.00%
INERT INGREDIENTS:.....	65.00%
TOTAL.....	100.00%

KEEP OUT OF REACH OF CHILDREN

POISON

DANGER

PELIGRO

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

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.

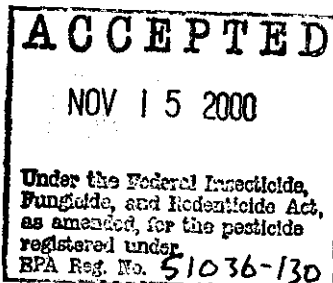
IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

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.

This product is an organophosphorus ester that inhibits cholinesterase.

See elsewhere on label for additional precautionary statements

EPA Reg. No. 51036-130



EPA Est. No. 51036-GA-1

- 4. Chemical-resistant headgear for overhead exposure
- 5. Protective eyewear
- 6. Dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C), or a NIOSH approved respirator with any R, P or HE filter

Mixers and loaders must wear:

- 1. Coveralls over long-sleeved shirt and long-legged pants
- 2. Waterproof gloves
- 3. Chemical-resistant footwear plus socks
- 4. Protective eyewear
- 5. Chemical-resistant headgear
- 6. Chemical resistant apron when mixing or loading
- 7. For exposure in enclosed areas, use a respirator with either an organic vapor removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G), or a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any R, P or HE prefilter. For outdoor exposure, use a dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C), or a NIOSH approved respirator with any R, P or HE filter.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

Engineering Controls:

Human flagging is prohibited. When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

<p>USER SAFETY RECOMMENDATIONS</p> <p>Users should:</p> <ul style="list-style-type: none"> 1. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. 2. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. 3. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.
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ROTATIONAL CROP STATEMENT

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

ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to fish and wildlife. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water by cleaning of equipment or disposal of wastes. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. This product is highly toxic to bees exposed to direct treatment or residues on crops. Protective information may be obtained from your Cooperative Agricultural Extension.

DIRECTIONS FOR USE

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

This product may not be reformulated or used under a State Special Local Need Registration for use on sugarcane, ornamentals, Christmas trees, shade trees, or forest trees.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted entry 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 worker entry into treated areas during the restricted-entry interval (REI) listed in the chart below.



CROP	ACTIVITY	REI
Tree crops (pome fruits, stone fruits, tree nuts)	Hand thinning	14 days
	Hand harvesting	14 days
	Mowing	2 days
	Irrigating	2 days
	Scouting	2 days
	Propping	2 days
	Other activities	2 days
Citrus	Hand thinning	30 days
	Hand harvesting	30 days
	Mowing	2 days
	Irrigating	2 days
	Scouting	2 days
	Propping	2 days
	Other activities	2 days
Grapes	Girdling	21 days
	Cane throwing	21 days
	Leaf pulling	21 days
	Cane cutting	21 days
	Bunch thinning	21 days
	Hand harvesting	21 days
	Other activities	2 days
All other crops	Mowing, irrigating, scouting	2 days
	All other activities	4 days

Each 4 day REI is increased to 5 day and each 2 day REI is increased to 3 days in outdoor areas where average rainfall is less than 25 inches per year.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated such as plants, soil, or water, is:

1. Coveralls over long-sleeved shirt and long pants
2. Chemical-resistant gloves, such as barrier laminate or butyl rubber or nitrile rubber or viton
3. Chemical-resistant footwear plus socks, and protective eyewear.
4. Chemical-resistant headgear for overhead exposure

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

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

GENERAL INFORMATION

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

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

DEALERS SHOULD SELL IN ORIGINAL PACKAGES ONLY.

MIXING:

The enclosed packets containing Azinphosmethyl 35W insecticide are water soluble. Do not allow packet to become wet prior to adding to the spray tank. Do not handle with wet hands. Reseal outer carton to protect remaining packets.

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

DOSAGE:

Use specified dosage of Azinphosmethyl 35W in the amount of water necessary to give complete coverage of the foliage.

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

COMPATIBILITY:

Azinphosmethyl 35W in soluble packets is physically compatible with many registered pesticides and liquid fertilizers. If you have no experience with the combination you are considering, you should conduct tests to determine physical compatibility.

To determine physical compatibility, pour the recommended proportions of each chemical with the same proportion of water as will be present in the chemical supply tank into a suitable container, mix thoroughly and allow to stand for five minutes. If the combination remains mixed, or can be remixed readily, the mixture can be considered physically compatible. Combinations

should be kept agitated and should be applied immediately. Do not allow combination to sit for prolonged periods in the chemical supply tank.

SPRAYING:

APPLICATION BY BACKPACK OR HANDHELD SPRAYERS IS PROHIBITED.

Work to windward; protect sprayer operators from drift or mist. When low volumes of spray are applied, complete coverage and thorough application are essential for most effective results. Schedule applications in accordance with local conditions. Consult your State Agricultural Experiment Station or Extension Service for specific information in your area.

SEED CROPS: Applications at the rates shown may be made at any time to all crops listed on this label provided they are being grown for seed purposes only and are not to be used for food, feed or forage. For specific recommendations regarding timing of applications, consult your State Agricultural Experiment Station or Extension Service.

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

DO NOT APPLY THIS PRODUCT THROUGH ANY TYPE OF CHEMIGATION SYSTEM.

DILUTION DIRECTIONS

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

Dilute Application

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

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

Concentrate Application

Field and Row Crops: Apply specified rate in not less than 5 gals. of water per acre.

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

Air Application

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

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

Application by fixed wing aircraft to pome fruits (apples, crab apples, pears, quince) and peaches is prohibited.

Aerial applicators must use enclosed cockpits.

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

Follow DILUTION DIRECTIONS above.

REQUIREMENTS FOR REDUCING SPRAY DRIFT

1. Do not apply under conditions where possible drift to unprotected persons or to food, forage, or other plantings that might be damaged or the crops thereof rendered unfit for sale, use or consumption can occur.
2. For aerial applications, the spray boom should be mounted on the aircraft so as to minimize drift caused by wing tip vortices. The minimum practical boom length should be used and must not exceed 75% of the wing span or rotor diameter.
3. Use the largest droplet size consistent with acceptable efficacy. Formation of very small droplets may be minimized by appropriate nozzle selection, by orienting nozzles away from the air stream as much as possible and by avoiding excessive spray boom pressure.
4. For aerial applications, spray should be released at the lowest height consistent with efficacy and flight safety. Applications more than 10 feet above the crop canopy should be avoided.
5. Make aerial or ground applications when the wind velocity favors on-target product deposition (approximately 3 to 10 mph). Do not apply when wind velocity exceeds 15 mph. Avoid applications when wind gusts approach 15 mph.
6. Do not make aerial or ground applications during 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. The applicator may detect the presence of an inversion by producing smoke and observing a smoke layer near the ground surface.
7. 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 temperature.
- 8. Do not apply within 150 feet by air or 100 feet by ground of an unprotected person(s) or occupied dwelling.
- 9. All aerial and ground application equipment must be properly maintained and calibrated using appropriate carriers.

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

RECOMMENDATIONS FOR USE

Rates are expressed in pounds Azinphosmethyl 35W per acre.

FIELD CROPS

NOTE: Preharvest Interval days indicated in () after each use.

ALFALFA, CLOVER (including mixed stands with grasses, States east of the Mississippi River only): (16)

BIRDSFOOT TREFOIL (East of the Mississippi River only): (16)

-Leafhoppers, Mites - 5/8 to 1 3/8 lbs.

-Alfalfa weevil, Egyptian alfalfa weevil - 1 to 2 1/8 lbs.

-Alfalfa plant bug, Fleahoppers, Grasshoppers, Lygus bugs, Spittlebug - 1 3/8 to 2 1/8 lbs.

Apply specified dosage per acre using a minimum of 10 gallons of water per acre. It may be necessary to use 20 to 25 gallons of water per acre on heavy growth for control of alfalfa weevil or Egyptian alfalfa weevil with ground equipment. Do not apply within 14 days of harvest or grazing at rates of 5/8 to 1 pound per acre or within 16 days at the rate of 1 3/8 lbs. per acre. Do not apply rates above 1 3/8 lbs. per acre within 21 days of harvest or grazing. Do not apply more than once per cutting at any rate.

The REI 2 days or 4 days depending upon activity. Refer to Agricultural Use Requirements section for details.

FRUITS

NOTE: Preharvest Interval days indicated in () after each use.

APPLES, CRAB APPLES, PEARS, QUINCES: (14/21)

-Aphids, Apple maggot, Codling moth, European apple Sawfly, Eye-spotted bud moth, Forbes scale, Fruit tree leaf roller, Green fruitworm, Leafhoppers, Mealybug, Orange tortrix, Plum curculio, Putnam scale, Red-Banded leaf roller, San Jose scale+, Stink bug, Tarnished plant bug - 2 1/8 to 2 7/8 lbs.

Apply specified dosage per acre by air or ground equipment in sufficient water for good coverage. Up to 12 7/8 lbs of

Azinphosmethyl 35W may be applied per crop season. Allow at least 7 days between applications. Repeat applications made at less than a 14 day interval are considered early entry activities. Appropriate applicator and early entry PPE must be worn. Azinphosmethyl is compatible with dormant and summer oils which may be added to apple and pear sprays in accordance with local recommendations. Do not use oils within 30 days of sulfur or lime-sulfur treatments. Do not graze livestock in treated orchards or groves for 21 days after treatment. Azinphosmethyl used alone may not provide satisfactory control. Consult your local agricultural advisor or extension service for recommendations.

The REI is 2 days or 14 days depending on activity. Refer to Agricultural Use Requirements section for details.

For apples, 3 lbs. may be used per application if made in conjunction with an integrated pest management program and a 21 day pre-harvest interval is observed.

Aerial application by fixed wing aircraft is prohibited.

CHERRIES: (15)

-Cherry leaf miner, Eye-spotted bud moth, Forbes scale, Fruit flies, Fruit tree leaf roller, Lesser peach tree borer, Mineola moth, Mites, Plum curculio, San Jose scale - 2 1/8 lb. Apply specified dosage per acre in sufficient water to provide full coverage. Up to 8 1/2 lbs. of Azinphosmethyl 35W may be applied per acre per crop season. Allow at least 14 days between applications.

California: Apply post harvest only.

The REI is 2 days or 14 days depending on activity. Refer to Agricultural Use Requirements section for details.

NECTARINES, PEACHES: (21)
(Eastern U.S.)

-Aphids, Cottony peach scale, European fruit lecanium scale, Forbes scale, Lesser peach tree borer, Mites, Oriental fruit moth, Peach tree borer, Peach twig borer, Platynota flavendana leaf roller, Plum curculio, Redbanded leaf roller, San Jose scale+, Stink bug, Tarnished plant bug, Terrapin scale, Thrips, Walnut scale, White peach scale - 2 1/2 to 3 1/2 lbs. Apply specified dosage per acre in sufficient water to provide full coverage. Up to 9 5/8 lbs. of Azinphosmethyl 35W may be applied per acre per crop season to nectarines and peaches. Allow at least 14 days between applications. For control of peach tree borer, apply 2 to 3 sprays to trunk from ground to scaffold limbs, timed with moth flight. For control of scale, apply when crawlers are present. Azinphosmethyl 35 W is compatible with dormant and summer oils which may be added to peach sprays in accordance with local

recommendations.

NOTE: It is suggested that when treating nectarines during bloom period, beekeepers should be warned well in advance to remove hives a safe distance from orchards to be treated. Azinphosmethyl used alone may not provide satisfactory control. Consult your local agricultural advisor or extension service for recommendations.

Aerial application by fixed wing aircraft is prohibited.

The REI is 2 days or 14 days depending on activity. Refer to Agricultural Use Requirements section for details

NECTARINES, PEACHES: (21)

(West of the Rocky Mountains)

-Lesser peach tree borer, Oriental fruit moth, Peach tree borer, Peach twig borer, Platynota flavendana leaf roller, Plum curculio, Redbanded leaf roller, Stink bug, Tarnished plant bug, Thrips - 4 1/4 to 5 5/8 lbs.

Apply specified dosage per acre in sufficient water to provide full coverage. Up to 9 5/8 lbs. of Azinphosmethyl 35W may be applied per acre per crop season to nectarines and peaches. Allow at least 14 days between applications. For control of peach tree borer, apply 2 to 3 sprays to trunk from ground to scaffold limbs, timed with moth flight. Azinphosmethyl 35 W is compatible with dormant and summer oils which may be added to peach sprays in accordance with local recommendations.

NOTE: It is suggested that when treating nectarines during bloom period, beekeepers should be warned well in advance to remove hives a safe distance from orchards to be treated. Azinphosmethyl used alone may not provide satisfactory control. Consult your local agricultural advisor or extension service for recommendations.

Aerial application by fixed wing aircraft is prohibited.

The REI is 2 days or 14 days depending on activity. Refer to Agricultural Use Requirements section for details.

PLUMS, PRUNES: (15) (Eastern U.S.)

-Aphids, Codling moth, Eyespotted bud moth, Forbes scale, Fruit tree leaf roller, Lesser peach tree borer, Mites, Orange tortrix, Peach tree borer, Peach twig borer, Plum curculio, Red-banded leaf roller, San Jose scale+, Stink bug, Tarnished plant bug, Tussock moth - 2 1/2 to 3 5/8 lbs.

-American plum borer - 4 1/4 lbs.

Apply specified dosage per acre in sufficient water to provide full coverage. Up to 9 5/8 lbs. of Azinphosmethyl 35W may be applied per acre per crop season to plums and prunes. Allow at least 10 days between applications. Repeat applications made at less than a 14 day interval are considered early entry activities. Appropriate applicator and early entry PPE must be worn. For control of peach

tree borer, apply 2 to 3 sprays to trunk from ground to scaffold limbs, timed with moth flight. For control of scale, apply when crawlers are present. Azinphosmethyl 35 W is compatible with dormant and summer oils which may be added to peach sprays in accordance with local recommendations.

The REI is 2 days or 14 days depending on activity. Refer to Agricultural Use Requirements section for details.

PLUMS, PRUNES: (15) (West of the Rocky Mountains)
-Codling moth, Eye-spotted bud moth, Fruit tree leaf roller, Lesser peach tree borer, Orange tortrix, Peach tree borer, Peach twig borer, Plum curculio, Red-banded leaf roller, Stink bug, Tarnished plant bug, Tussock moth - 2 3/4 to 5 5/8 lbs.
-American plum borer - 4 1/4 to 5 5/8 lbs.

Apply specified dosage per acre in sufficient water to provide full coverage. Up to 9 5/8 lbs. of Azinphosmethyl 35W may be applied per acre per crop season to plums and prunes. Allow at least 10 days between applications. Repeat applications made at less than a 14 day interval are considered early entry activities. Appropriate applicator and early entry PPE must be worn. For control of peach tree borer, apply 2 to 3 sprays to trunk from ground to scaffold limbs, timed with moth flight. For control of scale, apply when crawlers are present. Azinphosmethyl 35W is compatible with dormant and summer oils which may be added to peach sprays in accordance with local recommendations.

The REI is 2 days or 14 days depending on activity. Refer to Agricultural Use Requirements section for details.

BLACKBERRIES, BOYSENBERRIES, LOGANBERRIES, RASPBERRIES: (4)
-Leafhoppers, Leaf rollers - 1 1/2 lbs
-Leaf miners - 2 lbs.
-Aphids - 2 to 2 7/8 lbs.
-Obscure root weevil - 2 7/8 lbs.

Apply specified dosage per acre in sufficient water to insure thorough coverage. Limit applications to 3 per crop season. Allow 7 days between applications.

The REI is 2 days or 14 days depending on activity. Refer to Agricultural Use Requirements section for details.

BLUEBERRIES (Eastern and North Central States only): (7)
-Blueberry maggot, Fruitworms, Lecanium scale, Plum curculio - 1 1/2 to 2 1/8 lbs.

Apply specified dosage per acre with aerial or ground equipment using sufficient water to insure thorough coverage. Limit applications to 3 per crop season regardless of rate used and allow at least 10 days between applications.

The REI is 2 days or 14 days depending on activity. Refer to

Agricultural Use Requirements section for details.

CRANBERRIES: (21)

-Cranberry fruitworm, Sparganothis sulfureana, Tipworm - 1 1/2 to 2 3/4 lbs.

-Fireworms - 2 3/4 LBS.

Apply specified dosage per acre by air using sufficient water to insure thorough coverage. Limit applications to 3 per crop season regardless of rate used and allow at least 14 days between applications.

The REI is 2 days or 14 days depending on activity. Refer to Agricultural Use Requirements section for details.

CITRUS FRUITS: (30)

-Aphids, Black scale, Brown soft scale, Chaff scale, Citricola scale, Citrus mealybug, Citrus rust mite, Citrus thrips, Cottony-cushion scale, European brown snail, Florida red scale, Fruit tree leaf rollers, Fuller rose beetle, Glover scale, Orange tortrix, Purple scale, Snow scale, Western tussock moth, Whiteflies - 3 1/2 to 5 5/8 lbs.

-California red scale, Texas citrus mite, Yellow scale - 5 5/8 lbs.

Apply specified dosage per acre using sufficient water to insure thorough coverage. Do not apply more than twice per fruit year. Repeat applications made at less than a 30 day interval are considered early entry activities. Appropriate applicator and early entry PPE must be worn. Do not graze livestock in treated orchards or groves for 21 days after treatment. Citrus pulp may be used for feed for cattle, sheep, and goats. Consult your State Cooperative Agricultural Extension Service for more restrictive warnings or limitations.

The REI is 2 days or 30 days depending on activity. Refer to Agricultural Use Requirements section for details.

GRAPES: (21)

-Grape berry moth, Grape bud beetle, Grape cane girdlers, Grape mealybug, Leafhoppers, Mites, Red-banded leaf roller, Thrips - 2 1/8 to 2 7/8 lbs.

Apply specified dosage per acre in sufficient water to insure thorough coverage. Limit applications to 3 per crop season regardless of rate used and allow at least 14 days between applications. Repeat applications made at less than a 21 day interval are considered early entry activities. Appropriate applicator and early entry PPE must be worn.

The REI is 2 days or 21 days depending on activity. Refer to Agricultural Use Requirements section for details.

STRAWBERRIES: (5)

-Aphids, Meadow spittlebug, Oblique-banded leaf roller, Obscure

root weevil, Omnivorous leaf tier, Pea leaf weevil, Small black (grass) weevil, Strawberry leaf rollers, Whitefly - 1 1/2 lbs. Apply specified dosage in sufficient water to insure thorough coverage. Limit applications to 4 per crop season regardless of rate used and allow 5 days between applications.

The REI 2 days or 4 days depending upon activity. Refer to Agricultural Use Requirements section for details.

NUTS

ALMONDS: (28)

-Peach twig borer - 4 1/4 to 5 5/8 lbs. Apply specified dosage per acre by concentrate sprayer or as a full coverage spray using not more than 400 gallons of finished spray per acre. Use a minimum of 20 gallons of water per acre when applying aerially. Limit application to one dormant spray and or 2 post bloom sprays per season. Allow 120 days between the dormant and the first post-bloom spray and at least 28 days between the post bloom sprays. Do not graze livestock in treated groves for at least 21 days after last treatment.

The REI is 2 days or 14 days depending on activity. Refer to Agricultural Use Requirements section for details.

FILBERTS (Pacific Northwest only): (30)

-Apple mealybug, Filbertworm, Filbert aphid, Filbert leaf roller - 4 1/4 to 5 5/8 lbs. Apply specified dosage per acre in sufficient water to insure thorough coverage. Limit applications to 3 per season regardless of rate used and allow 14 days between applications. Do not graze livestock in treated groves for at least 21 days after last treatment.

The REI is 2 days or 14 days depending on activity. Refer to Agricultural Use Requirements section for details.

PECANS: (45)

-Aphids, Fall webworm, Hickory shuckworm, Leaf miners, May beetles, Mites, Pecan casebearer, Southern green stink bug, Spittlebugs, Twig girdlers, Walnut caterpillars - 4 1/4 to 5 5/8 lbs. Apply specified dosage per acre in sufficient water to insure thorough coverage. Limit applications to 3 per crop season regardless of rate used and allow 14 days between applications. Repeat applications made at less than a 21 day interval are considered early entry activities. Appropriate applicator and early entry PPE must be worn. Livestock may be grazed in treated

groves after a 21 day post-treatment interval.

The REI is 2 days or 14 days depending on activity. Refer to Agricultural Use Requirements section for details.

WALNUTS: (21)

-Codling moth, Filbertworm, Navel orangeworm - 4 1/4 to 5 5/8 lbs. Apply specified dosage per acre in sufficient water to insure thorough coverage. Limit applications to 3 per crop season regardless of rate used and allow 14 days between applications. Do not graze livestock in treated groves for 21 days after treatment.

The REI is 2 days or 14 days depending on activity. Refer to Agricultural Use Requirements section for details.

VEGETABLES

NOTE: Preharvest Interval days indicated in () after each use.

BEANS, SUCCULENT (7):

-Leaf rollers, Mites - 1 to 2 lbs.
-Aphids, Bean leaf beetle, Green cloverworm, Leafhoppers, Leafminers, Stink bugs, Velvet bean caterpillar - 1 1/2 to 2 1/2 lbs. --Mexican bean beetle, Spotted cucumber beetle, Striped cucumber beetle, Tarnished plant bug, Western-striped cucumber beetle - 2 to 2 3/4 lbs.
Apply specified dosage per acre in sufficient water for complete coverage. Do not feed or ensile treated forage.

The REI is 2 days or 4 days depending on activity. Refer to Agricultural Use Requirements section for details.

- BROCCOLI (15)
- BRUSSELS SPROUTS (7)
- CABBAGE (includes tight heading varieties of Chinese cabbage) (21)
- CAULIFLOWER (15)

-Aphids, Cabbage looper, Diamondback moth, Imported cabbageworm - 1 3/8 to 2 1/8 lbs. Apply specified dosage per acre in sufficient water for complete coverage. Repeat as necessary.
-Cabbage maggot - 1/4 to 1/2 lb. Mix specified dosage in 50 gallons of water. Apply 4 to 6 ounces of this emulsion per plant at or immediately after transplanting.
-Cabbage maggot (Direct-seeded fields in California only) - 2 1/8 lbs. Apply specified dosage per acre in sufficient water for uniform distribution. Mix in upper 2 inches of soil prior to seeding, or spray in the seed row at planting times. Usually, 2 to 3 additional sprays are necessary during the growing season, depending on time of year and maggot populations. Do not apply within 21 days of harvest.

-Cabbage maggot (Transplant fields in California only) - 2 1/8 lbs. Apply specified dosage in 300 to 400 gallons of water per acre as a soil drench in rows when damage first appears. Additional applications may be necessary.

The REI is 2 days or 4 days depending on activity. Refer to Agricultural Use Requirements section for details.

CELERY: (14)

-Aphids, Leaf miners, Leafhoppers, Spittlebug, Tarnished plant bug - 1 3/8 lbs. Apply specified dosage in 100 gallons of water as a full-coverage spray using not more than 200 gallons of finished spray per acre. Repeat as necessary.

The REI is 2 days or 4 days depending on activity. Refer to Agricultural Use Requirements section for details.

CUCUMBERS: (4)

-Spotted cucumber beetle, Striped cucumber beetle, Western-striped cucumber beetle - 1 3/8 lbs. Apply specified dosage per acre in sufficient water for complete coverage. Limit applications to 3 per crop season regardless of rate used. Allow 7 days between applications.

The REI is 2 days or 4 days depending on activity. Refer to Agricultural Use Requirements section for details.

EGGPLANT: (21)

-Leaf miners - 1 to 1 3/8 lbs.
-European corn borer, Flea beetle - 1 3/8 lbs. Apply specified dosage per acre in sufficient water to give complete coverage. Limit applications to 3 per crop season regardless of rate used. Allow 7 days between applications.

The REI is 2 days or 4 days depending on activity. Refer to Agricultural Use Requirements section for details.

ONIONS, GREEN (14)

ONIONS, DRY (28)

-Thrips - 1 3/8 to 2 1/8 lbs. Apply specified dosage per acre in sufficient water to give complete coverage. Limit applications to 3 per crop season regardless of rate used. Allow 7 days between applications for dry onions and 10 days between applications for green onions.

The REI is 2 days or 4 days depending on activity. Refer to Agricultural Use Requirements section for details.

PEPPERS: (21)

-Leaf miners - 1 to 1 3/8 lbs.
-European corn borer, Flea beetle - 1 3/8 lbs. Apply specified

dosage per acre in sufficient water to give complete coverage. Limit applications to 3 per crop season regardless of rate. Allow 7 days between applications.

The REI is 2 days or 4 days depending on activity. Refer to Agricultural Use Requirements section for details.

POTATOES: (7)

- Colorado potato beetle - 1 lb.
- Banded cucumber beetle, Leaf miners - 1 to 1 3/8 lbs.
- European corn borer, Flea beetle, Leafhoppers, Spittlebugs, Tarnished plant bug - 1 3/8 to 2 1/8.
- Tuberworm - 1 1/2 to 2 1/8 lbs. Apply specified dosage per acre in sufficient water for complete coverage. Limit applications to 3 per crop season regardless of rate. Allow 7 days between applications.

NOTE: Resistance of Colorado potato beetle has occurred in some areas of the Northeast. Consult your local Extension Service for details.

The REI is 2 days or 4 days depending on activity. Refer to Agricultural Use Requirements section for details.

SPINACH: (14)

- Aphids, Leaf miners, Mites - 1 to 1 3/8 lbs. Apply specified dosage per acre in sufficient water to complete coverage. Limit applications to 4 per crop season regardless of rate used. Allow 7 days between applications.

The REI is 2 days or 4 days depending on activity. Refer to Agricultural Use Requirements section for details.

TOMATOES: (4/14)

- Colorado potato beetle - 1 lb.
- Banded cucumber beetle, Drosophila, Green stink bug, Leaf miners, Whitefly - 1 to 1 3/8 lbs.
- Aphids, European corn borer, Flea beetles, Grasshoppers, Leafhoppers, Thrips - 1 3/8 to 2 1/8 lbs.
- Tuberworm - 1 1/2 to 2 1/8 lbs.
- Corn earworm, Fruitworm, Hornworm, Pinworm, Yellow-striped armyworm - 2 1/8 to 4 1/4. Apply specified dosage per acre in sufficient water for complete coverage. Limit applications to 4 per crop season regardless of rate used. Allow 7 days between applications. The high rates should be used where heavy infestations of late instar lepidopterous larvae (large worms) and pinworms are present. Rates of 2 1/8 pounds per acre or less may be applied up to 4 days prior to harvest. Rates above 2 1/8 pounds per acre require an interval of 14 days between application and harvest.

The REI is 2 days or 4 days depending on activity. Refer to Agricultural Use Requirements section for details.

MELONS (Honeydew melons, Muskmelon, Cantaloupe, Watermelons, Casaba, Persian melons, Winter melons: (7)
-Leafhoppers, Leaf miners - 1 to 1 3/8 lbs.
-Rindworms, Spotted cucumber beetle, Striped cucumber beetle, Western-striped cucumber beetle - 1 3/8 lbs. Apply specified dosage per acre in sufficient water to give complete coverage. Limit applications to 3 per crop season regardless of rate used. Allow 5 days between applications.

The REI is 2 days or 4 days depending on activity. Refer to Agricultural Use Requirements section for details.

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