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

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Lee Tharrington
Micro Flo Company
P.O. Box 5948
Lakeland, Florida 33807

JAN 14 1999

Subject: Azinphosmethyl 35W
EPA Registration No. 51036-130
Amendment dated December 2, 1998
Addition of worker risk mitigation to label.

Dear Mr. Tharrington:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable provided that you make the labeling changes indicated below before you release the product for shipment bearing the amended labeling:

1. On the first page of the label immediately above the "ACTIVE INGREDIENT" statement add the statement "This product must be sold, distributed, and used in a dry-coupling mixing/loading closed system".
2. On the final printed label the skull and crossbones symbol must be added in the immediate proximity to the signal word "DANGER" on the front of the label.
3. On page two of the label under the headings "Applicators and other handlers...wear" and "Mixers and loaders must wear" the statements "Chemical resistant headgear for overhead exposure" and "Chemical resistant headgear" must be reinstated and should not be crossed out as was in the submitted label.
4. On page 4 under the heading "AGRICULTURAL USE REQUIREMENTS" the PPE statement must state that the coveralls should be worn over "long-sleeved shirt and long pants". The third statement must state "Chemical-resistant footwear plus socks, and protective eyewear".
5. On page 10 under Blackberries, Boysenberries, Loganberries, Raspberries the PHI should be consistent with that listed on other labels of similar products. On EPA Registration No. 51036-205 this PHI was listed as 14 days.

6. On page 14 under the crop Cucumbers (PHI listed as 1 day) and the crop Tomatoes (PHI listed as 0 days) the PHI's must be changed to be at least 2 days since all PHI's must not be shorter than the REI, which must be at a minimum of 2 days.

7. The correct REI's must be included with each crop on the label. In the submitted label they have been omitted.

Submit two copies of your final printed labeling before you release the product for shipment. A copy of the labeling stamped "Accepted With Comments" is enclosed for your records. If you have any questions concerning this letter, please contact me at (703) 308-9397.

Sincerely, *George Tompkins*
George Tompkins, Ph.D., Entomologist
Insecticide-Rodenticide Branch
Registration Division (7505C)

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
 35% Wettable Powder Crop Insecticide
 ORGANOPHOSPHATE

ACTIVE INGREDIENT: O,O-Dimethyl S-(4-oxo-1,2,3-benzotriazin
 3(4H)-yl)methyl phosphorodithioate35.0%
 INERT INGREDIENTS:65.0%
 TOTAL:100.0%

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.)

STATEMENT OF PRACTICAL TREATMENT
 ORGANOPHOSPHATE

IF SWALLOWED: Call a physician or Poison Control Center
 immediately. Drink 1 or 2 glasses of water and induce vomiting by
 giving one dose (1/2 oz. or 15 ml.) of syrup of ipecac. If
 vomiting does not occur within 10 to 20 minutes, administer second
 dose. If syrup of ipecac is not available, induce vomiting by
 sticking finger down throat. Repeat until vomit fluid is clear.
 Never give anything by mouth to an unconscious person.

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

IF IN EYES. Flush with flowing water for at least 15 minutes.

IF INHALED: Remove victim to fresh air. If not breathing, give
 artificial respiration, preferably mouth-to-mouth. Get medical
 attention.

This product is an organophosphorus ester that inhibits
 cholinesterase.

See Elsewhere For Additional Precautionary Statements.

EPA Reg. No. 51036-130

EPA Est. No. 51036-GA-1

ACCEPTED
with COMMENTS
In EPA Letter Dated:

Manufactured By
 MICRO FLO COMPANY
 P.O. BOX 5948
 LAKELAND, FLORIDA 33807

JAN 14 1999
 Under the Federal Insecticide,
 Fungicide, and Rodenticide Act,
 as amended, for the pesticide
 registered under EPA Reg. No.
51036-130

PRECAUTIONARY STATEMENTS
Hazards To Humans And Domestic Animals

DANGER

May cause eye irritation. Fatal if swallowed. Harmful if inhaled or absorbed through the skin. Avoid breathing dust or spray mist. Avoid contact with skin, eyes, or clothing. Spray operator should work with wind against back. Do not contaminate feed or foodstuffs. Keep out of reach of children and domestic animals. SYMPTOMS OF POISONING: A sense of "tightness" in the chest, sweating, contracted pupils, stomach pains, vomiting and diarrhea. TO PHYSICIAN: ANTIDOTE - Administer atropine sulfate in large therapeutic doses. Repeat as necessary to the point of tolerance. 2-PAM is also antidotal and may be administered in conjunction with atropine. Compound inhibits cholinesterase resulting in stimulation of the central nervous system, the parasympathetic nervous system, and the somatic motor nerves. Do not give morphine. Wash for pulmonary edema, which may develop in serious cases of poisoning even after 12 hours. At first sign of pulmonary edema, the patient should be placed in an oxygen tent and treated symptomatically.

PERSONAL PROTECTIVE EQUIPMENT

Airblast applicators must be in fully enclosed cabs or if not in fully enclosed cabs, applicators must wear:

- 1. Chemical-resistant suit over long-sleeved shirt and long-legged pants
- 2. Chemical-resistant hood
- 3. Full-face respirator or half-faced respirator with a face shield
- 4. Chemical-resistant footwear plus socks

Applicators and other handlers (other than air-blast) must wear:

- 1. Coveralls over long-sleeved ~~short-sleeved~~ shirt and long-legged ~~short~~ pants
- 2. Waterproof gloves
- 3. Chemical-resistant footwear plus socks
- 4. ~~Chemical-resistant headgear for overhead exposure~~
- 5. 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 ~~short-sleeved~~ shirt and long-legged ~~short~~ 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 exposure outdoors, 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 Statement:

Human flagging is prohibited. ~~Human flaggers must be in enclosed cabs. When handlers use closed systems, enclosed cabs, or aircraft The enclosed cabs must be used~~ 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.

USER SAFETY RECOMMENDATIONS

Users should:

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.

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 Service.

DIRECTIONS FOR USE

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

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted entry 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 of ~~48 hours~~.

CROP	ACTIVITY	REI	
Tree crops (except citrus)	Propping	14 days	
	Hand thinning	14 days	
	Hand harvesting	14 days	
	Mowing	48 hours	
	Irrigating	48 hours	
	Scouting	48 hours	
	Other activities	48 hours	
Citrus	Propping	30 days	
	Hand thinning	30 days	
	Hand harvesting	30 days	
	Mowing	48 hours	
	Irrigating	48 hours	
	Scouting	48 hours	
	Other activities	48 hours	
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	48 hours	
	All other crops	All activities	48 hours

Each 48 hour REI is increased to 72 hours 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 short-sleeved shirt and short pants
2. Chemical-resistant gloves, such as barrier laminate or butyl rubber or nitrile rubber or viton
3. Chemical-resistant footwear plus socks
4. Chemical-resistant headgear for overhead exposure

CHEMIGATION PROHIBITION

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

STORAGE AND DISPOSAL

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

STORAGE - Store in a cool, dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food, and feed. Store in original container and out of the reach

of children, preferably in a locked storage area. Handle and open container in a manner as to prevent spillage. If the container is leaking or material spilled for any reason or cause, carefully sweep material into a pile. Refer to Precautionary Statements on label for hazards associated with the handling of this material. Do not walk through spilled material. Dispose of pesticide as directed above.

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 - Do not use container in connection with food, feed, or drinking water. Completely empty carton into application equipment. Then dispose of empty carton in a sanitary landfill of by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

FOR EFFECTIVE ECONOMICAL INSECT CONTROL Wettable powder formulations of Azinphosmethyl 35WP insecticide have proved effective through many years of extensive commercial use, both foreign and domestic. The 35% Wettable Powder formulation has excellent wetting and suspension properties.

FRUITS:

Azinphosmethyl 35WP controls major fruit pests. The use of Azinphosmethyl greatly simplifies spray schedules. Azinphosmethyl stays on the job, too. Its residual killing activity gives excellent and continuous control from one cover spray to the next often eliminates "between-cover" applications. A combination of Azinphosmethyl and dormant oil for delayed-dormant sprays on apples effectively controls early insect pests on this crop. All-season use of Azinphosmethyl not only eliminates complicated spray schedules, but results in more profitable, finer-finish fruits.

VEGETABLES:

Registered for use on many vegetables, Azinphosmethyl has proved to be exceptionally effective in controlling diamondback moth, Colorado potato beetle and others. As with fruit, Azinphosmethyl has prolonged residual action ... does the job and stays on the job.

RECOMMENDED USES: Alfalfa, Almonds, Apples, Apricots, Artichokes, Barley, Beans (snap and dry), Birdsfoot trefoil, Blackberries, Blackeyed peas, Blueberries, Boysenberries, Broccoli, Brussels sprouts, Cabbage, Cantaloupe, Cauliflower, Celery, Cherries, Citrus fruits, Clover, Crab apples, Cranberries, Cucumbers, Eggplant, Filberts, Grapes, Honeydew Melons, Loganberries, Nectarines, Oats, Onions (green and dry), Other melons, Pasture grasses, Peaches,

Pears, Pecans, Peppers, Plums, Potatoes, Prunes, Quinces, Raspberries, Rye, Soybeans, Spinach, Strawberries, Tobacco, Tomatoes, Walnuts, Watermelons, Wheat

RESTRICTIONS: Do not use on other crops used for food or forage. Use only according to label directions. Application at rates above those shown may result in illegal crop residues. Do not graze livestock in treated orchards or groves for 21 days after treatment. Do not treat food crops grown in the greenhouse.

ROTATIONAL CROPS: 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.

DIRECTIONS FOR USE MIXING - Azinphosmethyl mixes easily with water to form a suspension which is readily usable in all conventional ground spray equipment. Mix the required amount of Azinphosmethyl with a small quantity of water. Add this premix through the screen while filling the spray tank or fill the tank to the required level and add the premix. Operate the agitator while mixing.

DOSAGE - Use specified dosage of Azinphosmethyl 35WP in the amount of water necessary to give complete coverage of foliage. The type of equipment used will determine the concentration required.

SPRAYING - **Backpack spraying 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 use information in your area.

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

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.

RECOMMENDED APPLICATIONS

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.

PASTURE, GRASSES (States east of the Mississippi River): (16)

- Grasshoppers, Meadow spittlebugs (adult) - 1 3/8 to 2 1/8 lbs.

Apply specified dosage per acre using a minimum of 10 gallons of

water per acre. Do not apply more than once per cutting.
NOTE: Do not graze or harvest within 21 days at rates above 1 3/8 pound.

BARLEY, OATS, RYE, WHEAT: (30)

- Cereal leaf beetle - 1 to 1 3/8 lbs.
Apply specified dosage per acre in sufficient water for complete coverage. Do not apply more than once per season. Do not graze livestock within 30 days of treatment on treated fields.

SOYBEANS: (45)

- Aphids, Bean leaf beetle, Green cloverworm, Leafhoppers, Leaf miners, Leaf rollers, Stink bugs, Velvet bean caterpillar - 1 to 1 3/8 lbs.
-Mexican bean beetle - 1 3/8 to 2 1/8 lbs.
Apply specified dosage per acre in sufficient water to give complete coverage. Repeat as necessary. Do not graze or feed treated vines to livestock.

TOBACCO: (6)

-Aphids, Grasshoppers, Tobacco hornworm, Tobacco flea beetle - 1 3/8 to 2 1/8 lbs.
-Tobacco budworm - 2 1/8 lbs. Apply specified dosage per acre in sufficient water for complete coverage. Treat for hornworms as soon as egg masses or worms are first found. Repeat as necessary. Prime before treating.

FRUITS

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

APPLES, CRAB APPLES, PEARS, QUINCES: (14) ~~(7)~~

-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 3/4 to 4 1/4 lbs.
Apply specified dosage per acre by air or ground equipment in sufficient water for good coverage. Up to 17 1/8 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.

CHERRIES (Except California): (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.

APRICOTS, 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. Up to 12 3/4 lbs. may be applied to peaches and apricots. 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.

APRICOTS, 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. Up to 12 3/4 lbs. may be applied to peaches and apricots. 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.

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.

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 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.

BLACKBERRIES, BOYSENBERRIES, LOGANBERRIES, RASPBERRIES: (3)

-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.

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.

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.

CITRUS FRUITS: (30) ~~(see below)~~

-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. ~~A single application per year may be applied up to within 7 days of harvest. Where 2 applications are required, the second spray should not be applied within 28 days of harvest.~~ 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.

~~NOTE: The Restricted Entry Interval for citrus is 7 days.~~

GRAPES: (21) ~~(0)~~

-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.**

~~NOTE: If higher rates are used on last application, preharvest interval is 10 days.~~

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

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coverage. Limit applications to 4 per crop season regardless of rate used and allow 5 days between applications.

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.

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.

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. ~~Do not apply after husks split.~~ Livestock may be grazed in treated groves after a 21 day post-treatment interval.

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 apply after husks split.~~ Do not graze livestock in treated groves for 21 days after treatment.

VEGETABLES

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

ARTICHOKES: (30)

-Plume moth - 4 1/4 lbs.

Apply specified dosage per acre in sufficient water for complete coverage. Limit applications to 3 per crop season regardless of rate used. Allow 14 days between applications. Do not feed or ensile treated forage.

BEANS, DRY (30):

BEANS, SNAP (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 exceed 4 applications on dry beans. Do not feed or ensile treated forage.

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.

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.

BLACKEYED PEAS (Southern peas, Crowder peas): (7)

-Corn earworm, Cowpea Curculio - 2 1/8 to 2 7/8 lbs.

-Leaf miners, Stink bugs - 1 to 1 3/8 lbs. Apply specified dosage per acre in sufficient water for complete coverage. Limit applications to 4 per crop season regardless of rate used. Allow 5 days between applications. Do not use vines for feed or forage nor pasture treated areas.

CUCUMBERS: (1)

-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.

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.

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.

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.

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.

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.

TOMATOES: (0)

-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 day of harvest. Rates above 2 1/8 pounds per acre require an interval of 14 days between application and harvest.

MELONS (Honeydew melons, Muskmelon (cantaloupe), Watermelons, Other 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.

CONDITIONS OF SALE

All statements concerning the use of this product apply only when used as directed. THE MANUFACTURER MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, CONCERNING THIS PRODUCT OR ITS USE, WHICH EXTEND BEYOND THE DESCRIPTION ON THE LABEL. Read all directions carefully.