

AUG 15 1985

Mr. A. Baldi
Aceto Agricultural Chemicals Corporation
126-02 Northern Blvd.
Flushing, NY 11368

Dear Mr. Baldi:

Subject: Alternate Formulation
Azinphosmethyl 50W Crop Insecticide
EPA Registration No. 2749-263
Your Application Dated March 1, 1985

The proposed alternate formulation for this product is not acceptable. The technical azinphosmethyl product you are using contains 85 percent active ingredient. Thus, your proposed alternate formulation will not meet the label claim of 50 percent for this product.

Sincerely yours,

Jay S. Ellenberger
Product Manager (12)
Insecticide-Rodenticide Branch
Registration Division (TS-767)

RD/IRB:JOB-92930:Ellenberger:RD-09:Kendrick&Co.:898-1270:8/12/85:Del:8/22/85:Kim

CONCURRENCES

SYMBOL ▶								
SURNAME ▶								
DATE ▶								

AUG 15 1985

Mr. A. Baldi
Aceto Agricultural Chemicals
Corporation
126-02 Northern Blvd.
Flushing, NY 11368

Dear Mr. Baldi:

Subject: Deletion of Reference to Use in Forests
Azinphosmethyl 50W Crop Insecticide
EPA Registration No. 2749-263
Your Application Dated March 1, 1985

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. A stamped copy is enclosed for your records.

In your use directions after Cranberries change "Berries" to "Cherries."

Sincerely yours,

Jay S. Ellenberger
Product Manager (12)
Insecticide-Rodenticide Branch
Registration Division (TS-767)

Enclosure

RD/IRB:JOB-92930:Ellenberger:RD-09:Kendrick&Co.:898-1270:8/12/85:Del:8/22/85:Kim

CONCURRENCES

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ACCEPTED
with COMMENTS
EPA Letter Dated:

AUG 15 1985

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

2749-263

AZINPHOSMETHYL 50W CROP INSECTICIDE

ACTIVE INGREDIENT:

0,0-Diemethyl S-[4-oxo-1,2,3-benzotriazin
-3 (4H) -ylmethyl] phosphorodithioate

50%

INERT INGREDIENTS:

50%

TOTAL 100%

KEEP OUT OF REACH OF CHILDREN

DANGER -- POISON

PELIGRO



PRECAUCION AL USUARIO: Si usted no
lee ingles, no use este producto hasta
que le etiqueta haya sido explicado
ampliamente.

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED - DRINK 1 OR 2 GLASSES OF WATER AND INDUCE VOMITING BY TOUCHING BACK OF THROAT WITH FINGER OR BLUNT OBJECT. DO NOT INDUCE VOMITING OR GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. GET MEDICAL ATTENTION.

IF IN EYES, IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION.

IF ON SKIN - REMOVE CONTAMINATED CLOTHING AND WASH SKIN IMMEDIATELY WITH SOAP AND WATER.

NOTE TO PHYSICIAN: AZINPHOSMETHYL IS AN ACETYLCHOLINESTERASE INHIBITOR. ATROPINE IS ANTIDOTAL.

**SEE SIDE PANEL
FOR ADDITIONAL PRECAUTIONARY STATEMENTS**

EPA REG. NO. 2749-263-AA

EPA EST NO. 51036-GA-1

NET CONTENTS 2.5 LBS.

Manufactured for:

**ACETO AGRICULTURAL CHEMICALS CORPORATION
126-02 Northern Boulevard, Flushing, N.Y. 11368**

**PRECAUTIONARY STATEMENT
HAZARDS TO HUMANS & DOMESTIC ANIMALS
DANGER—PELIGRO**

Poisonous if swallowed, inhaled or absorbed through the skin. Do not get in eyes or on skin. Wear natural rubber gloves, protective clothing and goggles. In case of contact, wash immediately with soap and water. Wear a mask or respirator approved by the U.S. Bureau of Mines. Keep all unprotected persons out of operating areas or vicinity where there may be danger of drift. Treated areas should not be re-entered for at least two days. Wash hands, arms, and face thoroughly with soap and water before eating and smoking. Wash all contaminated clothing with soap and hot water before reuse.

NOTE TO PHYSICIAN, ANTIDOTE: Administer atropine sulfate in large therapeutic doses. Repeat as necessary to the point of tolerance. 2-PAM is also antidotal and may be administered in conjunction with atropine. Compound inhibits cholinesterase resulting in stimulation of the central nervous system, the parasympathetic nervous system and the somatic motor nerves. Do not give morphine. Watch for pulmonary edema, which may develop in serious 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.

ENVIRONMENTAL HAZARD

This product is toxic to fish, birds and other wildlife. Do not apply directly to lakes, streams or ponds. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons.

DIRECTIONS FOR USE

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

RE-ENTRY STATEMENT

Do not allow entry into treated fields within 24 hours of treatment, unless full protective clothing is worn. Consult appropriate state regulatory officials for state re-entry restrictions which take precedence if more restrictive than those stated on this label.

Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons.

Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. Oral warnings must be given if there is a reason to believe that written warnings cannot be understood by workers. When oral warnings are given, warnings shall be given in a language customarily understood by workers. Written or oral warnings must include the following information:

DANGER—PELIGRO

(insert area of field description) treated with AZINPHOSMETHYL 50W on (insert date of application).

Do not enter treated area until sprays have dried.

COPY

STORAGE AND DISPOSAL

PROMISSIONS: Do not contaminate water, food or feed by storage or disposal. Do not store under conditions which might adversely affect the container or its ability to function properly. Such conditions include, but are not limited to, positioning of the container in storage, storage temperature, potential for crushing or damage due to stacking, and penetration of moisture.

STORAGE: Store in a safe manner. Store in original container only. Store in cool, dry place. Reduce stacking height where local conditions, such as humidity or pallet overhang can affect package strength.

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 and 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

MIXING: AZINPHOSMETHYL 50W mixes easily with water to form a suspension which is readily usable in all conventional ground spray equipment. Mix the required amount of AZINPHOSMETHYL 50W 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 50W in the amount of water necessary to give complete coverage of the foliage. The type of equipment used will determine the concentration required.

SPRAYING: Work to windward. Protect sprayer operators from drih 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.

RESTRICTIONS:

Do not use on other crops listed for food or forage. Use only according to label directions. Application 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.

Highly toxic to fish and wildlife. Birds and other wildlife on treated areas may be harmed.

WARRANTY:

Our recommendations for use of this product are based upon tests believed to be reliable. The use of this product being beyond the control of the manufacturer, no guarantee, expressed or implied is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice. The buyer must assume responsibility, including injury or damage, resulting from its mis-use as such, or in combination with other materials.

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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.

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CROP	INSECT	LBS. PER ACRE	REMARKS	CROP	INSECT	LBS. PER ACRE	REMARKS
FIELD CROPS Alfalfa Clover	Aphids Leafhoppers Mites	$\frac{1}{2}$ to 1	Apply specified dosage per acre using a minimum of 10 gals. of water per acre. It may be necessary to use 20-25 gals. of water per acre of heavy growth for control of alfalfa weevil or Egyptian alfalfa weevil with ground equipment. Do not apply within 14 days of harvest at the rates of $\frac{1}{2}$ to $\frac{1}{4}$ pounds per acre or within 16 days at the rate of 1 pound per acre. Do not apply rates above 1 pound per acre within 21 days of harvest. Do not apply more than once per cutting at any rate.	CITRUS FRUITS	Aphids Black scale Brown soft scale Chaff scale Citricola scale Citrus mealybug Citrus fruit mite Citrus thrips Cottony-cushion scale Florida red scale Fruit tree leafrollers Fuller rose beetle Glover scale Orange tortrix Purple scale Snow scale Western tussock moth Whiteflies	$\frac{1}{2}$ to $\frac{1}{4}$	Apply specified dosage in 100 gals. of water as a full coverage spray using not more than 2000 gals. of finished spray per acre. A single application per year may be applied up to within 7 days of picking. 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. Do not pick fruit or do other work involving contact with the trees, such as pruning, within 7 days of treatment.
	Alfalfa weevil Egyptian Alfalfa weevil	$\frac{1}{4}$ to 1			Calif. red scale Texas cit. mite Yellow scale	$\frac{1}{4}$	
Barley Oats Rye Wheat	Cereal leaf beetle	$\frac{1}{2}$ to 1	Apply specified dosage per acre in sufficient water for complete coverage. Do not apply more than once per season. Do not harvest for food, feed or forage or graze within 30 days of treatment.	Grapes	Grape Berry Moth Grape cane Girdlers Grape Mealybug Leafhoppers Mites Red-banded Leafrollers Thrips	$\frac{1}{2}$ to 1	Apply specified dosage in 100 gallons of water as a full coverage spray, using not more than 300 gallons of finished spray per acre. Repeat as necessary but not more than 3 times per season. Minimum dosage specified may be applied up to harvest. Higher rates up to $\frac{1}{2}$ lb. per 100 gals. of water requiring a 10 day interval to harvest and above $\frac{1}{2}$ lb. a 28 day interval to harvest.
Soybeans	Aphids Bean Leaf beetle Green Clover worm Leafhoppers Leafminers Leafrollers Stink bugs Velvet bean caterpillar	$\frac{1}{4}$ to 1	Apply specified dosage per acre in sufficient water to give complete coverage. Repeat as necessary. Do not apply within 21 days of harvest. Do not graze or feed treated vines to livestock.	Strawberries	Aphids Meadow Spittle bug Oblique-banded leafroller Obscure root weevil Omnivorous leaf tier Pea leaf weevil Small black (grass) weevil Strawberry leafrollers	1	Apply specified dosage in 200 gallons of water per acre as a full coverage spray. Repeat as necessary. Do not apply within 8 days of harvest.
Tobacco	Aphids Grasshoppers Tobacco horn worms Tobacco flea beetles Tobacco bud worm	1 to $\frac{1}{4}$ 1 $\frac{1}{2}$	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, but not within 8 days of harvest. Prime before treating.	NUTS Almonds	Peach twig borer	$\frac{1}{2}$ to 1	Apply specified dosage in 100 gallons of water as a full coverage spray using not more than 1000 gallons of finished spray per acre. Apply at petal fall and every 10 to 14 days thereafter until control is achieved. Do not apply more than 8 times per season nor within 15 days of harvest. AZIMPHOSMETHYL 50W 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.
FRUIT Apples Cranberries Pears Quinces	Aphids Apple maggot Codling moth European spruce sawfly Eye-spotted bud moth Forbes scale Fruit tree leafroller Green fruit worm Leafhoppers Mealybugs Mites Orange Tortrix Pear Psylla Plum Curculio Putnam scale Red-banded leaf roller San Jose Scale Stink bug	$\frac{1}{2}$ to $\frac{1}{4}$	Apply specified dosage in 100 gallons of water as a full coverage spray using not more than 1000 gallons of finished spray per acre. Apply at petal fall and every 10 to 14 days thereafter until control is achieved. Do not apply more than 8 times per season nor within 15 days of harvest. AZIMPHOSMETHYL 50W 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.	Filberts (Pacific North only)	Apply Mealybug Filbert aphid Filbert leafroller Filbert worm	$\frac{1}{2}$ to $\frac{1}{4}$	Apply specified dosage in 100 gallons of water as a full coverage spray using not more than 1000 gallons of finished spray per acre. Repeat as necessary. Do not apply

Plums Peaches	Aphids Eye-spotted bud moth Forbes scale Fruit tree leafroller Lesser peach tree borer Peach twig borer Plum curculio Red-banded leafroller San Jose Scale Stink bug Mites Orange Tortrix Peach tree borer Tarnished plant bug Tussock moth	$\frac{1}{2}$ to 1	Apply in 100 gals. of water as a full coverage spray. Do not use more than 800 gals. of finished spray per acre. Apply at petal fall and every 10 to 14 days thereafter until control is achieved. Do not apply more than 8 times per season. Do not apply within 15 days of harvest.	Pecans	Aphids Fall webworm Hickory shuckworm Leafminers May beetles Mites Pecan Casebearer Southern green Stink bug Spittlebug Twig Girdlers Walnut Caterpillar	$\frac{3}{4}$ to 1 $\frac{1}{2}$	Apply specified dosage in 100 gallons of water as a full coverage spray using not more than 1000 gallons of finished spray per acre. Repeat as necessary. Do not apply after husks split. Do not graze livestock in treated groves for 21 days after treatment.	
	American plum borer	1						
Blackberries Soybeans Lopberries Raspberries	Leafhoppers	$\frac{1}{2}$	Apply specified dosage per acre to foliage using approximately 200 gallons of water for good coverage. Repeat as necessary but not within 14 days of harvest.	Walnuts	Aphids Cuckling Moth European Red Mite Fiberworm	$\frac{3}{4}$ to 1 $\frac{1}{2}$	Apply specified dosage in 100 gallons of water as a full coverage spray using not more than 1000 gallons of finished spray per acre. Repeat as necessary. Do not apply after husks split. Do not graze livestock in treated groves for 21 days after treatment.	
	Leafrollers	$\frac{1}{2}$						
	Leafminers	$\frac{1}{4}$						
	Aphids	$\frac{3}{4}$ to 1						
	Obscure root weevil	1						
	Raspberry crown (root) borer	2 to 4			For control of root weevils and borers prior to harvest apply specified dosage per acre to lower portion of canes and to the soil beneath the plants using approximately 200 gals. of water. Do not apply more than twice per season. Do not make applications within 3 days of harvest at rates up to 2 pounds per acre. Rates above 2 pounds per acre should be applied only before fruit set or after crop is harvested.	VEGETABLES		Plum Moth
Obscure root weevil	1							
Blueberries	Blueberry maggot Fruitworms Locanium scale Plum curculio	1 to 2	Apply specified dosage per acre using approximately 200 gallons of water, for good coverage. Repeat as necessary. Do not apply to blueberries within 14 days of harvest, not to cranberries within 21 days of harvest.	Beans Dry & Snap	Mexican bean beetle Spotted cucumber beetle Striped cucumber beetle Tarnished plant bug Western striped cucumber beetle	1	Apply specified dosage per acre in sufficient water to give complete cover. Repeat as necessary. Do not apply to snap beans within 7 days of harvest nor to dry beans within 30 days of harvest. Do not exceed four applications on dry beans. Do not feed or ensile treated forage.	
	Cranberries	Cranberry fruitworm Tipworm Sparganothis sulfurata			1 to 2	Aphids Beanleaf beetle Green Clover Worm Leafhoppers Leafminers Stink Bugs Velvet Bean Caterpillar		Broccoli Brussels Sprouts Cabbage Cauliflower
Fireworms		2	Cabbage Maggot	$\frac{1}{2}$ to $\frac{3}{4}$	Mix specified dosage in 50 gals. of water. Apply 4-8 ozs. per plant at or immediately after transplant.			
Beans		Eye spotted bud moth Forbes scale Fruit flies Fruit tree leafroller Lesser peach tree borer Mites Plum curculio San Jose scale	$\frac{1}{2}$ to 1	Apply specified dosage in 100 gals. of water as a full coverage spray using not more than 800 gals. of finished spray per acre. Apply at petal fall and every 10 to 14 days thereafter until control is achieved. Do not apply more than 8 times per season nor within 15 days of harvest.			Cowpeas (Southern Peas, Blackeye Peas, Crowder Peas)	
	Cherry leafminer Mite	$\frac{1}{4}$	Leafminers Stink Bugs		$\frac{3}{4}$ to 1			

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CROP	INSECT	LBS. PER ACRE	REMARKS
Cucumbers	Spotted cucumber beetle	1	Apply specified dosage per acre in sufficient water for complete coverage. Do not apply more than 3 times per season nor within 6 days of harvest.
	Striped cucumber beetle		
	Western striped cucumber beetle		
Eggplant	Leafminers	$\frac{3}{4}$ to 1	Apply specified dosage per acre in sufficient water to give complete coverage. Repeat as necessary. Do not apply after fruit set.
	European Cornborer Flea beetles	1	
Onions (Dry)	Thrips	1 to 1½	Apply specified dosage per acre in sufficient water to give complete coverage. Do not apply more than 3 times per season nor within 28 days of harvest.
Peppers	Leafminers	$\frac{3}{4}$ to 1	Apply specified dosage per acre in sufficient water to give complete coverage. A maximum of 4 treatments may be made up to within 5 days of harvest.
	European cornborer Flea Beetles	1	
Potatoes	Colorado potato beetle	2	Apply specified dosage per acre in sufficient water for complete coverage. Repeat as necessary. Do not apply within 7 days of harvest.
	Banded cucumber beetle	$\frac{3}{4}$ to 1	
	Leafminers		
	Tuberworm	1½	
	Aphids European cornborer	10 1½	
Spinach	Flea beetle	1	Apply specified dosage per acre in sufficient water for complete coverage. Repeat as necessary. Do not apply within 14 days of harvest.
	Leafhoppers	10	
	Spittlebugs	1½	
	Tarnished plant bug		
Spinach	Aphids	$\frac{3}{4}$ to 1	Apply specified dosage per acre in sufficient water for complete coverage. Repeat as necessary. Do not apply within 14 days of harvest.
	Leafminers Mites		
Tomatoes	Colorado potato beetle	$\frac{3}{4}$	Apply specified dosage per acre in sufficient water for complete coverage. Repeat as necessary.
	Drosophila	$\frac{3}{4}$	
	Green stink Bug	10	
	Leafminers	1	
	Whitefly		
	Banded cucumber beetle		
	Tuberworm	1½ 10 1½	
	Aphids	1	
	European corn Borer	10	
	Flea Beetles	1½	
Grasshoppers Hornworm Leafhoppers Thrips			
Tomatoes	Corn earworm	1½	
	Fruitworm		
	Pinworm		
	Yellow-striped Armyworm		

SEED VEGETABLES			
Beans (Dry)	Aphids Leafhoppers Leafminers Leafrollers	$\frac{1}{2}$ to 1	Apply specified dosage per acre in sufficient water to give complete coverage. Repeat as necessary. Do not pasture or use treated crop for food, or forage.
	Mexican bean beetle	1 to 1½	
Onions	Thrips	1 to 1½	
MELONS			
Honeydew Muskmelon (Cantaloupe) Watermelon	Leafhoppers Leafminers	$\frac{1}{2}$ to 1	Apply specified dosage per acre in sufficient water to give complete coverage. Repeat as necessary. Apply up to the day of harvest but not more than 4 times per season.
	Ringworms Spotted Cucumber beetle Striped Cucumber beetle W. Striped cucumber beetle	1	
ORNAMENTALS			
Ornamentals Nursery Plants Palms and Shade Trees	Aphids Carmine Scale Eucymnus Scale Juniper Scale Lacebugs Leafhoppers Mites Olive Scale Oystershell Scale	$\frac{1}{2}$ to 1	Apply specified dosage per 100 gallons of water (2 level cups per gallon). Spray all foliage surfaces including the underside of leaves for complete coverage. For control of black pine leaf-brown soft, European elm, and Putnam scales, use 4 level teaspoonfuls per gallon. Repeat as necessary.
NOTE: DO NOT ALLOW CHILDREN OR PETS ON TREATED AREA UNTIL MATERIAL HAS BEEN WASHED INTO SOIL AND TREATED AREA IS DRY.			
Stink Bug	benzene Sedwork		Apply specified dosage per 100 gals. of water. Thorough coverage of cones is necessary for maximum control. Repeat as necessary.
This AZINPHOS METHYL 50W is calculated for conventional hydraulic-type sprayers. When lower volumes of spray are applied per acre with concentrate sprayers, increase the concentration of AZINPHOS METHYL 50W in the spray mixture in order to apply amount of AZINPHOS METHYL 50W per acre equivalent to a full coverage spray.			