

DO NOT USE THIS PRODUCT IN OR AROUND THE HOME. IT IS TO BE USED ONLY ON CROPS AND OTHER PLANTS. 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. VACATED AREAS SHOULD NOT BE RE-ENTERED FOR AT LEAST TWO DAYS. DO NOT STORE NEAR FEED AND FOOD PRODUCTS. WASH HANDS, ARMS, AND FACE THOROUGHLY WITH SOAP AND WATER BEFORE EATING AND SMOKING. WASH ALL CONTAMINATED CLOTHING WITH SOAP AND WATER BEFORE REUSE.

IF SWALLOWED, GIVE A TABLESPOONFUL OF SALT IN A GLASS OF WARM WATER AND REPEAT UNTIL VOMIT FLUID IS CLEAR. HAVE VICTIM LIE DOWN AND KEEP QUIET. CALL A PHYSICIAN IMMEDIATELY. IF ON SKIN, IN CASE OF CONTACT, REMOVE CONTAMINATED CLOTHING AND IMMEDIATELY WASH SKIN WITH SOAP AND WATER. NET WEIGHT: 50 lbs. EPA REG. NO: 2749-263

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DANGER: KEEP OUT OF THE REACH OF CHILDREN.

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. VACATED AREAS SHOULD NOT BE RE-ENTERED FOR AT LEAST TWO DAYS. DO NOT STORE NEAR FEED AND FOOD PRODUCTS. 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.

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%

NET WEIGHT: 50 lbs.
EPA REG. NO: 2749-263



ACCEPTED
MAR 26 1973

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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. THIS PRODUCT IS TOXIC TO FISH, BIRDS, AND OTHER WILDLIFE. BIRDS FEED

ING ON TREATED AREAS MAY BE KILLED. KEEP OUT OF ANY BODY OF WATER. DO NOT APPLY WHEN THERE RUNOFF IS LIKELY TO OCCUR. DO NOT APPLY WHEN WEATHER CONDITIONS FAVOR DRIFT FROM AREAS TREATED. DO NOT CONTAMINATE WATER BY CLEANING OF EQUIPMENT OR DISPOSAL OF WASTES. 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.

DO NOT REUSE EMPTY CONTAINER. DESTROY EMPTY CONTAINER BY PERFORMING OR CRUSHING AND BURYING IN A SAFE PLACE.

APPLY THIS PRODUCT ONLY AS SPECIFIED ON THIS LABEL.

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 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.

RESTRICTIONS: Do not use on other crops used 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. DO NOT CONTAMINATE ANY BODY OF WATER NOR APPLY TO ANY AREA NOT SPECIFIED ON THE LABEL.

CROP	INSECT	LBS PER ACRE	REMARKS
FIELD CROPS Alfalfa Clover	Aphids Leafhoppers Mites	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

CROP	INSECT	LBS PER ACRE	REMARKS
FIELD CROPS Alfalfa Clover	Alfalfa weevil Egyptian Alfalfa weevil	1/2 to 1	14 days of harvest at the rates of 1/2 to 3/4 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.
	Alfalfa plant bug Fleahopper Grasshopper Lygus bug Spittlebug	1 to 1 1/2	

BARLEY OATS RYE WHEAT	Cereal leaf beetle	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.
SOYBEANS	Aphids Bean Leaf beetle Green Clover worm Leafhoppers Leafminers Leafrollers Stink bugs Velvet bean caterpillar	1/2 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.
TOBACCO	Aphids Grasshoppers Tobacco horn worms Tobacco flea beetles Tobacco bud worm	1 1/2 1 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 6 days of harvest. Prime before treating.
FRUIT APPLES CRAB APPLES PEARS QUINCES	Aphids Apple maggot Codling moth European apple sawfly Eye spotted bud moth Forbes scale Fruit tree leaf roller Green fruit worm Leafhoppers Mealybugs Mites Orange tortrix Pear Psylla Plum Curculio Putnam scale Red banded leaf roller San Jose Scale Stink bug Tarnished plant bug	1/2 5/8	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. AZINPHOSMETHYL 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 3 days of sulfur or lime sulfur treatments.
PLUMS PRUNES	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 Peachtree borer Tarnished plant bug Tussock moth American plum borer	1 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.

BLACKBERRIES	Leafhoppers	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
	Leafrollers	1/2	
BOYSENBERRIES	Leafminers	5/8	
	Aphids	5/8 to 1	
LOGANBERRIES	Obscure root weevil	1	
RASPBERRIES	Raspberry crown (root) borer	2 to 4	
	Obscure root weevil	1	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.
BLUEBERRIES	Blueberry maggot Fruitworms Lecanium 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
CRANBERRIES	Cranberry fruitworm Tipworm Sparganothis sulfurens Fireworms		
BERRIES	Eye-spotted bud moth Forbes scale Fruit Flies Fruit tree leaf roller Lesser peach tree borer Mites Plum curculio San Jose scale Cherry leafminer Mineola moth	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.
		1/2	
CITRUS FRUITS	Aphids Black scale Brown soft scale Chaff scale Citricola scale Citrus mealybug	1/2 to 1	Apply specified dosage in 100 gals. of water as a full coverage

CROP	INSECT	LBS. PER ACRE	REMARKS
CITRUS FRUITS	Citrus fruit mite	3.4	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.
	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		
	Calif red scale		
	Texas cit. mite		
Yellow scale			

GRAPES	Grape berry moth Grape cane girdlers Grape mealybug Leafhoppers Mites Red banded leafrollers Thrips	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 3/4 lb per 100 gals of water requiring a 10 day interval to harvest and above 3/4 lb a 28 day interval to harvest.
STRAW BERRIES	Aphids Meadow spittlebug Oblique-barbed leaf roller Obscure root weevil Omnivorous leaf tier Pea leaf weevil Small black (grass) weevil Strawberry leaf rollers	1	Apply specified dosage in 200 gallons of water per acre as a full coverage spray. Repeat as necessary. Do not apply within 5 days of harvest.
NUTS			
ALMONDS	Peach twig borer	3/4 to 1	Apply specified dosage in 100 gallons of water as a full coverage spray using not more than 500 gallons of finished spray per acre. Do not apply more than twice per season nor within 60 days of harvest. Allow 30 days between applications.
Filberts (Pacific North west only)	Apple mealybug Filbert aphid Filbert leaf roller Filbert worm	1/2 to 1 1/2	Apply specified dosage in 100 gallons of water as a full coverage spray using not more than 1,000 gallons of finished spray per acre. Repeat as necessary. Do not apply within 30 days of harvest. Do not graze livestock in treated groves for 21 days after treatment. Do not apply at higher dosage after husks split.
Pecans	Aphids Fall webworm Hickory shuckworm Leaf Miners May beetles Mites Pecan casebearer Southern green stink bug Spittlebugs Twig girders Walnut caterpillars	3/4 to 1 1/8	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.
Walnuts	Aphids Codling Moth European Red Mite Filbertworm	3/4 to 1 7/8	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.
VEGETABLES			
Artichokes	Plume Moth	3	Apply specified dosage per acre in sufficient water for complete coverage. Repeat as necessary. Do not apply within 30 days of harvest. Do not feed or ensile treated forage.
BEANS Dry & Snap	Mexican bean Beetle Spotted cucumber Beetle Striped cucumber Beetle Tarnished Plant Bug Western striped cucumber Beetle Aphids Beanleaf Beetle Green Clover Worm Leafhoppers Leafminers Stink Bugs Velvet Bean Caterpillar	3-4 to 1	Apply specified dosage per acre in sufficient water to give complete coverage. 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.

BROCCOLI BRUSSELS SPROUTS CABBAGE CAULI FLOWER	Aphids		Apply specified dosage per acre in sufficient water for complete coverage. Repeat as necessary. Do not apply within 7 days of harvest for Brussels sprouts, 15 days for broccoli and cauliflower, nor within 21 days of harvest for cabbage.
	Cabbage Loopers		
	Diamondback Moth	1 to 1	
	Imported Cabbageworm		
	Cabbage Maggot	1/4 to 3/8	Mix specified dosage in 50 gals. of water. Apply 4 to 6 ozs. per plant at or immediately after transplant.
Cowpeas (Southern Peas, Black-eyed Peas, Crowder Peas)	Corn earworm	1 1/2 to 2	Apply specified dosage per acre in sufficient water for complete coverage. Do not apply more than 4 times per season nor within 7 days of harvest. Do not use vines for feed or forage nor pasture treated areas.
	Cowpea Curculio		
	Leaf Miners	3/4 to 1	
	Stink Bugs		
Cucumbers	Spotted cucum- ber beetle		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 cucum- ber beetle	1	
	Western strip- ed cucumber beetle		
Eggplant	Leaf Miners	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 corn Borer	1	
Onions (Dry)	Flea Beetles		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.
	Thrips	1 to 1 1/2	

CROP	INSECT	LBS PER ACRE	REMARKS
Peppers	Leaf Miners	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 corn Borer	1	
	Flea beetles		
Potatoes	Colorado po- tato beetle	3/4	Apply specified dosage per acre in sufficient water for complete coverage. Repeat as necessary. Do not apply within 7 days of harvest.
	Banded cucum- ber beetle	2/4 to 1	
	Leaf miners		
	Tuberworm	1/8 to 1/4	
	Aphids		
	European corn borer	1 to 1 1/2	
	Flea beetle		
Leafhoppers Spittlebugs Tarnished plant bug			
Sprouts	Aphids	1/4 to 1	Apply specified dosage per acre in sufficient water for complete coverage. Repeat as necessary. Do not apply within 14 days of harvest.
	Leaf miners		
	Mites		

Tomatoes	Colorado potato beetle	3/4	Apply specified dosage per acre in sufficient water for complete coverage. Repeat as necessary.
	Drosophila		
	Green stink Bug	3/4 to 1	
	Leaf miners		
	Whitefly		
	Banded cucumber beetle		
	Tuberworm	1 1/8 to 1 1/2	
	Aphids		
	European corn Borer	1 to 1 1/2	
	Flea Beetles		
Grasshoppers			
Hornworm			
Leafhoppers			
Thrips			
Corn earworm			
Fruitworm			
Pinworm	1 1/2		
Yellow striped Armyworm			
SEED VEGETABLES			
BEANS (Dry)	Aphids		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.
	Leafhoppers		
	Leafminers	3/4 to 1	
	Leafrollers		
	Mexican bean Beetle	1 to 1 1/2	
ONIONS	Thrips	1 to 1 1/2	
MELONS			
HONEYDEW	Leafhoppers		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.
MUSKMELONS (Cantaloupe)	Leafminers	3/4 to 1	
WATERMELONS	Rindworms		
	Spotted Cucumber beetle		
	Striped Cucumber beetle		
	W. Striped cucumber beetle		
ORNAMENTALS			
ORNAMENTALS	Aphids		Apply specified dosage per 100 gallons of water (2 level tsps per gallon). Spray all foliage surfaces including the underside of leaves for complete coverage. For control of black pine leaf gnawer, European elm, and Putnam scales, use 4 level tsp per gallon. Repeat as necessary.
NURSERY	Cercococcus		
PLANTS	Scale		
FOREST AND SHADE TREES	Eucalyptus		
	Scale		
	Camper		
	Scale		
	Lacebugs	3/4 to 1	
	Leafhoppers		
	Mites		
	Olive Scale		
	Oystershell		
	Scale		
	Pulvinaria		
	Scale		
	Thrips		
	Brown soft		
	Scale	2	
	Putnam scale		
	Black Pine leaf		
	European elm scales	1.5 to 2	

ORNAMENTALS NURSERY PLANTS	Cone midge Cone moth	4 to 8	Apply specified dosage per 100 gals. of water. Time application to coincide with moth flight when cones are open for pollination. Thorough coverage of cones is necessary for maximum control. Repeat as necessary.
FOREST & SHADE TREES	European pine shoot moth Nantucket pine tip moth	3/4 to 1 1/2	Apply specified dosage per acre in sufficient water for good coverage. Time applications to coincide with moth flights. For application to individual trees use 1 level tablespoonful of AZINPHOSMETHYL 50W per gal of water.
NOTE DO NOT ALLOW CHILDREN OR PETS ON TREATED AREA UNTIL MATERIAL HAS BEEN WASHED INTO SOIL AND TREATED AREA IS DRY.			
GLASH PINE	Coleworm Seedworm	3	Apply specified dosage per 100 gals. of water. Thorough coverage of cones is necessary for maximum control. Repeat as necessary.

THIS AZINPHOSMETHYL 50W is calculated for conventional hydraulic-type sprayers. When lower volumes of spray are applied per acre with concentrate sprayers, increase the concentration of AZINPHOSMETHYL 50W in the spray mixture in order to apply amount of AZINPHOSMETHYL 50W per acre equivalent to a full coverage spray.



Manufactured for

ACETO CHEMICAL CO., INC.
AGRICULTURAL CHEMICALS DIVISION

126-02 NORTHERN BOULEVARD FLUSHING, N.Y. 11368

