

1995/2000

CLEAN CROP(R)

AZINPHOS-M

240EC

INSECTICIDE

RESTRICTED

DANGER

POISON

READ THE LABEL BEFORE USING

GUARANTEE:

Azinphos-Methyl 240 g/L

REGISTRATION NO. 22562
PEST CONTROL PRODUCTS ACT

KEEP OUT OF REACH OF CHILDREN

CALL A DOCTOR IN CASE OF ACCIDENT

UNITED AGRI PRODUCTS
R.R.#2
Dorchester, Ontario
N0L 1G5

NET: 20 L

NOTICE TO USER: This control product is to be used only in accordance with the directions on this label. It is an offence under the PEST CONTROL PRODUCTS ACT to use a control product under unsafe conditions.

RESTRICTED

NATURE OF RESTRICTION: This product is to be stored, displayed and distributed in the manner authorized; provincial and federal regulations are in effect.

DIRECTIONS FOR USE

MIXING: AZINPHOS-M forms an emulsion when diluted with water and is suitable for use in all power-operated ground sprayers and aircraft sprayers. To mix with water, pour the required amount of AZINPHOS-M into full amount of water and then agitate.

DOSAGE: Use specified dosage of AZINPHOS-M in the amount of water necessary to give complete coverage of 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. Apply by aircraft only where specific recommendations are noted on the label. Schedule applications in accordance with local conditions. Consult your local agricultural authorities for specific use information.

RECOMMENDED APPLICATIONS

CROP	INSECT	Dosage AZINPHOS-M	REMARKS
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FIELD CROPS Alfalfa Clover	Alfalfa plant bug Alfalfa weevil Aphids Clover leaf weevil Fleahoppers Leafhoppers Lesser clover leaf weevil Lygus Mites Spittlebug	2.25 to 3.5 L/ha	Apply specified dosage per hectare using a minimum of 80 L of water, applying with ground equipment and a minimum of 40 L per hectare in air applications. It may be necessary to use 150 to 200 L of water per hectare on heavy growth in controlling the alfalfa weevil. For sweet clover weevil control, 2 applications at 7 to 14 day intervals may be required. Two applications may be made at rates of 2.25 L/ha or less; however, do not apply more than once per cutting at rates above 2.25 L/ha. Do not apply within 21 days of harvest.
	Sweet clover weevil	2.25 L/ha	
	Grasshoppers	1.1 to 1.75 L/ha	
Barley Oats Rye Wheat	Cereal leaf beetle	1.75 to 2.25 L/ha	Apply specified dosage per hectare using a minimum of 80 L of water, applying with ground equipment and a minimum of 40 L per hectare in air applications. Do not apply more than once per season nor within 30 days of harvest for food, feed, or forage.
	Grasshoppers	1.1 to 1.75 L/ha	

Canola (Rapeseed)	Diamondback moth	550 mL to 1.25 L/ha	Apply specified dosage per hectare in sufficient water for complete coverage. Repeat as necessary. Do not apply within 30 days of harvest.
	Flea beetles	275 to 550 mL/ha	
Canola (Rapeseed), cont'd	Red turnip beetle	See Remarks	Apply as a border of barrier treatment in an 18 to 30 m wide band around the field at the rate of 5 to 10 mL/100 m ² . If an overall field application is needed, apply 550 to 850 mL/ha. Apply specified dosage in sufficient water for complete coverage. Repeat as necessary. Do not apply within 30 days of harvest.
Sugar beets	Flea beetles	275 mL/ha	Apply specified dosage per hectare in sufficient water for complete coverage. Do not apply more than once per season nor within 100 days of harvest.

Sunflowers	Sunflower beetles (adults)	1.1 L/ha	Apply specified dosage per hectare using a minimum of 80 L of water. Application can be made from the seedling stage until the sunflowers have reached full height as may be required. Two applications at 7 to 14 day intervals may be necessary. Do not apply more than 2 times per season or after heads begin to form.
Tobacco	Aphids Tobacco Hornworm Tobacco flea beetles	3.5 L/ha	Apply specified dosage per hectare. Treat for hornworm as soon as egg masses or worms are first found. Second brood hornworms and flea beetles may require 2 applications. Repeat as necessary but not within 6 days of harvest. Prime before treating.
SEED FIELD CROPS Vetch	Aphids Bruchid	2.25 L/ha	Apply specified dosage per hectare. Repeat as necessary. Do not feed treated forage.

FRUIT Apricots Peaches	Aphids Forbes scale Mites Oriental fruit moth Platynota flavedana leaf roller Plum curculio Red-banded leaf roller San Jose scale Stink bug Tarnished plant bug White peach scale	1.25 to 1.5 L/ 1000 L	Apply specified dosage in 1000 L of water as a full coverage spray. *Repeat as necessary. Do not apply more than 8 times per season nor within 21 days of harvest.
	Peach twig borer	1.25 to 1.75 L/ 1000 L	
Blackberries Boysenberries Loganberries Raspberries	Leafhoppers	2.5 L/ha	Apply specified dosage per hectare to foliage using approximately 1600 L of water for good coverage. Repeat as necessary but not within 7 days of harvest.
	Aphids Leaf miners Leaf rollers Obscure root weevil	3.5 L/ha	
	Raspberry root (crown) borer	4.75 to 9.25 L/ha	For control of root weevil and borer prior to harvest apply specified dosage per hectare to lower portion of canes and to soil beneath the plants using approximately 1600 L of water. Rates up to 4.75 L/ha may be applied within 3 days of harvest. Rates above 4.75 L/ha should be applied only before fruit set or after crop is harvested.
	Obscure root weevil	3.5 L/ha	

Blueberries	Plum curculio Fruitworm Lecanium scale	2.25 to 4.75 L/ha	Apply specified dosage per hectare using approximately 1600 L of water for good coverage. Repeat as necessary. Do not apply within 14 days of harvest.
	Blueberry maggot	4.75 L/ha	
Cranberries	Fruitworm Sparganothis sulfureana Tipworm	2.25 to 4.75 L/ha	
	Fireworms	4.75 L/ha	
Currants	Aphids Currant borer Fruitworm Leaf roller Mites	2.25 to 3 L/ha	
Grapes	Flea beetle Grape berry moth Leafhoppers Leaf rollers Mites	1.25 to 2.5 L/ 1000 L	
Plums Prunes	Aphids Eye-spotted bud moth Forbes Scale Fruit tree leaf roller Mites Plum curculio Red-banded leaf roller San Jose scale Stink bug Tarnished plant bug	1.25 to 2.5 L/ 1000 L	Apply specified dosage of water as a full coverage spray.* Repeat as necessary. Do not apply more than 8 times per season nor within 15 days of harvest.

	American plum borer Lesser peach tree borer Peach tree borer	2.5 L/1000 L	
Strawberries	Aphids Meadow spittlebug Oblique-banded leaf roller Strawberry leaf roller Omnivorous leaf tier Obscure root weevil Pea leaf weevil White fly	2.25 L/ha	Apply specified dosage in 1600 L of water per hectare as a full coverage spray.* Repeat as necessary. Do not apply within 5 days of harvest.
NUTS Walnuts	Aphids Codling moth European red mite Filbertworm	1.75 to 4.75 L/1000 L	Apply specified dosage in 1000 L of water as a full coverage spray.* Repeat as necessary. Do not apply after husks split. Do not graze livestock in treated groves for 21 days after treatment.
VEGETABLES Beans (Snap & Dry)	Leaf rollers Mites	1.25 to 2.25 L/ha	Apply specified dosage per hectare in sufficient water to give complete coverage. Repeat as necessary. Do not apply within 3 days of harvest.
	Aphids Green cloverworm Leaf miners	1.75 to 2.25 L/ha	
	Leaf hoppers Mexican bean beetles Spotted cucumber beetle Striped cucumber beetle	2.25 L/ha	

Broccoli Brussels Sprouts Cabbage Cauliflower	Aphids Cabbage looper Imported Cabbageworm Diamondback moth	2.25 to 3.5 L/ha	Apply specified dosage per hectare. Repeat as necessary. Do not apply within 7 days of harvest for Brussels sprouts, 15 days of harvest for broccoli and cauliflower, nor within 21 days of harvest for cabbage.
Cucumbers	Spotted cucumber beetle Striped cucumber beetle	2.25 L/ha	Apply specified dosage per hectare in sufficient water to give complete coverage. Repeat as necessary. Do not apply within 6 days of harvest.
Potatoes	Colorado potato beetle	1.25 to 1.75 L/ha	Apply specified dosage per hectare. Repeat as necessary. Do not apply within 7 days of harvest.
	European corn borer Flea beetle Leafhoppers Spittlebug Tarnished plant bug	2.25 to 3.5 L/ha	
	Aphids	3.5 L/ha	
Spinach	Aphids Leafminers Mites	1.75 to 2.25 L/ha	Apply specified dosage per hectare. Repeat as necessary. Do not apply within 14 days of harvest.
Tomatoes	Colorado potato beetle	1.75 L/ha	Apply specified dosage per hectare. Repeat as necessary. Do not treat within 2 days of harvest.
	Drosophila Fruitworm Green stink bug Hornworm Leaf miners Whitefly	1.75 to 2.25 L/ha	

	Crickets Grasshoppers	2.25 L/ha	
	Aphids European corn borer Flea beetles Leafhoppers Thrips	2.25 to 3.5 L/ha	
Turnips Rutabagas (Quebec & the Atlantic Provinces Only)	Cabbage maggot	95 mL/100m of row	SNIPER 50W is recommended for use as a post planting soil drench. Mix specified dosage in 20 L of water and apply to 100m of row in a 10 to 15 cm band sprayed over the row. Repeat as needed with a minimum of 30 days between applications. Do not apply within 35 days of harvest. Consult local authorities for proper timing of application.
ORNAMENTALS Ornamentals Nursery Plants Forest & Shade Trees	Aphid Euonymus scale Lace bugs Leafhoppers Mites Thrips	1.75 to 2.5 L/ 1000 L	Apply specified dosage per 1000 L of water. Spray all foliage surfaces including the underside of leaves for complete coverage. For control of brown soft scale and European scale use 5 mL/L. Repeat as necessary.
	European elm scale	3.75 to 5 L/1000 L	
	Brown soft scale	5 L/1000 L	

	Cone midge Cone moth	10 to 20 L /1000 L	Apply specified dosage per 1000 L of water. Time applications to coincide with moth flight when cones are open for pollination. Thorough coverage of cones is necessary for maximum control. Repeat as necessary.
	Coneworm Seedworm	7.5 L/ 1000 L	
	European pine shoot moth	1.75 to 3.5 L/ha	Apply specified dosage per hectare in sufficient water for good coverage. Time application to coincide with moth flight. For application to individual trees use 4 mL of SNIPER 50W per Litre of water.
	Nantucket pine tip moth	3.5 L/ha	

*This AZINPHOS-M dosage is calculated for conventional hydraulic- type sprayers. When lower volumes of spray are applied per hectare, as with concentrate sprayers, increase the concentration of AZINPHOS-M insecticide in the spray mixture in order to apply amount of active ingredient per hectare equivalent to a full coverage spray.

BORDER OR BARRIER APPLICATION: For the control of GRASSHOPPERS apply 10 to 20 mL of AZINPHOS-M per 100 m² to field margins, fence rows, ditch banks, waste areas, roadsides, or rights-of-way as a barrier 5 to 10 m wide around crop fields to be protected. This application should be made in spring or early summer as soon as grasshoppers begin to hatch in these areas. Repeat as necessary. Do not graze in the treated area within 21 days of application.

PRECAUTIONS: 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. To protect fish and wildlife, do not contaminate streams, lakes, or ponds.

This product is highly toxic to bees exposed to direct treatment or residues on crops. Protective Information may be available from your local government extension specialist. Do not apply when crop is in bloom or allow spray to drift towards beehives.

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

1. Completely empty the container into application equipment. Rinse the emptied container thoroughly and add the rinsings to the spray mixture in the tank.
2. Follow Provincial instructions for any additional cleaning of the container prior to its disposal.
3. Do not reuse container. Make the container unsuitable for further use.
4. Dispose of the empty container in accordance with Provincial requirements.
5. For information on the disposal of unused, unwanted product and the cleanup of spills, contact the regional office of Environmental Protection, Environment Canada.

DANGER

Poisonous if swallowed, inhaled or absorbed through the skin. Do not get in eyes or on skin. Wear protective clothing, natural rubber gloves, and goggles.

Do not breathe fumes or spray mist. Wear a mask or respirator effective for protection against azinphos-methyl insecticide. Information as to suitable types of masks or respirators is available from your dealer.

Do not contaminate feed or food. Keep out of reach of children. Keep all unprotected persons out of the operating area or vicinity where there may be danger of drift. Workers who must enter treated fields within 2 days of application should wear protective clothing. Wash hands, arms, and face, thoroughly with soap and warm water before eating or smoking. Wash all contaminated clothing with soap and hot water before reuse.

SYMPTOMS OF POISONING: A sense of "tightness" in the chest. Sweating. Contracted pupils. Stomach pains. Vomiting and diarrhea.

FIRST AID: In case of poisoning call a physician or Poison Control Centre immediately. Have patient lie down and keep quiet. This product contains petroleum distillate. If product is swallowed, do not induce vomiting. Seek professional medical attention immediately. If on skin, remove contaminated clothing and wash skin immediately with soap and warm water. If eyes are contaminated, wash immediately with

flowing water for at least 15 minutes.

POISON

TOXICOLOGICAL INFORMATION:

ANTIDOTE: Administer atropine sulfate in large therapeutic doses. Repeat as necessary to the point of tolerance. 2PAM is also antidotal and may be administered in conjunction with atropine. Compound inhibits cholinesterase resulting in the 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.

NOTICE TO BUYER: Seller's guarantee shall be limited to the terms set out on the label and subject thereto, the buyer assumes the risk to persons or property arising from the use or handling of this product and accepts the product on that condition.

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