

03-DEC-2009
2009-3370

BASE

DIAZINON 500 E

GROUP	1B	INSECTICIDE
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**INSECTICIDE
COMMERCIAL**

This product is not to be used in and around homes or other residential areas such as parks, school grounds, playing fields. It is not for use by homeowners or other uncertified users.



DANGER

POISON

READ THE LABEL AND ATTACHED BOOKLET BEFORE USING

KEEP OUT OF REACH OF CHILDREN

**REGISTRATION NO: 11889
PEST CONTROL PRODUCTS ACT**

**GUARANTEE: Diazinon 500 g/L
Warning, contains the allergen soy.**

**UNITED AGRI PRODUCTS CANADA INC.
789 Donnybrook Drive
Dorchester, Ontario
N0L 1G5
(800) 265-4624**

NET CONTENTS: (4-205) L

FRONT

DIAZINON 500 E

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PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN AND DOMESTIC ANIMALS.

Do not use on humans, pets, livestock. May be fatal if swallowed. Do not get into eyes. Avoid contact with skin and inhalation of spray mist. Wash thoroughly after handling and before eating, drinking and smoking. Use only as recommended on the label. Do not reuse container. Do not graze or feed immature crops within 14 days of harvest. DO

NOT APPLY BY AIR.

Avoid contamination of food, feed or food utensils.

When applying wear coveralls over work clothes and chemical resistant gloves during mixing, loading, application, irrigation and clean-up activities. Wear a NIOSH approved respirator during mixing and loading activities.

This product contains a petroleum distillate which is moderately to highly toxic to aquatic organisms. Avoid contamination of aquatic systems during application. Do not contaminate these systems through direct application, disposal of waste or cleaning equipment.

If this pest control product is to be used on a commodity that may be exported to the U.S. and you require information on acceptable residue levels in the U.S., visit CropLife Canada's website at: www.croplife.ca/.

SYMPTOMS OF POISONING: Headaches, giddiness, blurred vision, nervousness, weakness, nausea, cramps, diarrhea, discomfort in the chest, sweating, miosis, tearing, salivation and other excessive respiratory tract secretion, vomiting, cyanosis, papilledema, uncontrollable muscle twitches, convulsions, coma, loss of sphincter control and loss of reflexes.

FISH AND WILDLIFE CAUTION

This product is toxic to birds, fish and wildlife, including waterfowl. Remove all animals, fish and birds before spraying; do not return them for at least 4 hours after treatment. Do not contaminate domestic or irrigation water supplies, lakes, streams and ponds. Birds and waterfowl feeding or drinking on treated areas may be killed. Do not apply where waterfowl are expected to inhabit the area or where there are resident populations of waterfowl. Do not exceed maximum potential label rates as rates above those recommended significantly increase potential hazards to birds and waterfowl. Avoid overlapping of sprays. Irrigation (watering) is recommended, applying a minimum of 0.7 cm (0.25 inches) of water immediately after application to reduce the hazards to birds. Stop irrigation as soon as puddling occurs.

TOXIC TO BEES:

Avoid spraying open flowers. Highly toxic to bees exposed to direct treatment or to residues on crops.

FIRST AID

In case of poisoning, call a physician or poison control centre IMMEDIATELY. Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

IF SWALLOWED, call a poison control centre or doctor immediately for treatment advice. Do not induce vomiting unless told to do so by a poison control centre or a

doctor. Do not give **any** liquid to the person. Do not give anything by mouth to an unconscious person.

IF INHALED, move to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferable by mouth-to-mouth, if possible. Call a poison control centre or doctor for further treatment advice.

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

IF ON SKIN, take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control centre or doctor for treatment advice.

TOXICOLOGICAL INFORMATION

Diazinon is an organophosphate insecticide and, as such, a cholinesterase inhibitor. If cholinergic symptoms occur, give atropine as an antidote followed by Pralidoxime (2-PAM) and supporting therapy. Use 1 to 2 mg of atropine every 15 to 30 minutes if necessary.

DISPOSAL

1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
2. Follow provincial instructions for any required additional cleaning of the container prior to its disposal.
3. Make the empty container unsuitable for further use.
4. Dispose of the container in accordance with provincial requirements.
5. For information on the disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

NOTICE TO USER: This pest 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 this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.

DATAPAK

DIAZINON 500 E

GROUP	1B	INSECTICIDE
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**INSECTICIDE
COMMERCIAL**

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DANGER

POISON

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KEEP OUT OF REACH OF CHILDREN

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789 Donnybrook Drive
Dorchester, Ontario
N0L 1G5
(800) 265-4624**

NET CONTENTS: (4-205) L

DIRECTIONS FOR USE:

DIAZINON 500 E is generally effective in controlling the insects and mites listed below. DIAZINON 500 E will work more effectively if the temperature is 20°C or more or when temperatures will reach or exceed this minimum. Use the rate of DIAZINON 500 E in the full volume of water. Mist blowers and boom sprayers utilizing a controlled air flow to facilitate particle size and spray deposition may be used at a vehicle speed of 5-15km/h. DO NOT APPLY BY AIR.

RESISTANCE MANAGEMENT RECOMMENDATIONS

For resistance management, please note that DIAZINON 500 E Insecticide contains a Group 1B insecticide/acaricide. Any insect/mite population may contain individuals naturally resistant to DIAZINON 500 E Insecticide and other Group 1B insecticide/acaricide. The resistant individuals may dominate the insect/mite population if this group of insecticides/acaricides are used repeatedly in the same fields. Other resistance mechanisms that are not linked to site of action but are specific for individual chemicals, such as enhanced metabolism, may also exist. Appropriate resistance-management strategies should be followed.

To delay insecticide/acaricide resistance:

- Where possible, rotate the use of DIAZINON 500 E Insecticide or other Group 1B insecticides/acaricides with different groups that control the same pests in a field.
- Avoid application of more than the indicated number of sprays of DIAZINON 500 E Insecticide or other insecticides/acaricides in the same group in a season.
- Use tank mixtures with insecticides/acaricides from a different group when such use is permitted.
- Insecticide/acaricide use should be based on an IPM program that includes scouting, record keeping and considers cultural, biological and other chemical control practices.
- Monitor treated pest populations for resistance development.
- Contact your local extension specialist or certified crop advisors for any additional pesticide resistance-management and/or IPM recommendations for the specific site and pest problems in your area.
- For further information and to report suspected resistance, contact the Technical Service, United Agri Products, 1-800-265-4624 or at www.uap.ca.

INSECTS ON ORNAMENTALS:

Apply DIAZINON 500 E thoroughly at rates given below when insects first appear. Repeat as necessary. Do not spray when the temperature is above 25°C. Apply by ground only.

ORNAMENTAL PLANTS	PESTS	QUANTITY OF DIAZINON 500 E Per 1000 L of spray
Arborvitae. (Thuja)	Leafminers	1 L
	Bagworms, scale insects (crawlers)	1.5 L
Aralia	Privet mites	1 L
Azalea	Privet mites, leafminers	1 L
Birch	Leafminers	1 L
Boxwood	Leafminers	1 L
Carnations	Aphids, mites, thrips, caterpillars & leafminers.	1.5 L
Chrysanthemums	Aphids, mites, thrips, caterpillars & leafminers	1 L
Euonymus	Scale Insects (crawlers)	1.5 L
Holly	Leafminers	1 L
	Pulvinaria & Coccus scales	3.75 L
	Aphids, budmoths - NOTE: Apply when new growth is about 0.6 cm long and before blossoms open.	2 L
Ivy	Privet mites	1 L
Juniper	Bagworms, scale insects(crawlers), European pine shoot moth	1.5 L
Oak	Leafminers.	1 L
Pines	Scale insects (crawlers), European pine shoot moth.	1.5 L
Roses	Aphids, Rose chafers	1.5 L
Taxus (Yew)	Scale insects (crawlers), European shoot moth.	1.5 L

FRUIT INSECTS:

For control of insects and mites on fruit, apply in accordance with the directions in the following table. Apply by ground only to fruit crops.

PEST	QUANTITY OF DIAZINON 500 E Per 1000 L of Spray Unless Otherwise Indicated	Time and Number of Applications
APPLES - DO NOT APPLY WITHIN 14 DAYS OF HARVEST.		
San Jose scale, eggs of apple aphids, eggs of European red mites and brown mites.	500 mL +20 L dormant emulsifiable oil	Dormant application with full coverage.
Fruit-tree leafroller	1 L	Apply in full coverage in 3 to 8 cover sprays beginning in pink stage.
Green fruitworm	1 L	Apply at pink stage.
NOTE: Russeting may occur on some varieties of apples such as Golden Delicious.		
APPLES AND PEARS - DO NOT APPLY WITHIN 14 DAYS OF HARVEST		
Pear psylla	1 L	Use in pre-pink, first, second and third cover sprays.
Eye-spotted bud moth	1 L	Apply at pink stage, also a special spray at full hatch (late July, early August).
Tentiform leafminers	1 L	Apply with full coverage in calyx and first cover spray. Include in later cover sprays if 2nd and 3rd generations develop.
Codling Moth	1 L	Apply in all cover (summer) sprays and in special sprays against 2 nd brood.
Apple maggot	1 L	Include at least 3 cover sprays, 10 days apart, when flies are active and laying eggs.
Aphids (rosy-apple-woolly)	500 mL - 1 L	Apply in a thorough cover spray, repeat as necessary.
Mites	1 L	Apply when mites first appear. Mites will be suppressed if DIAZINON 500 E is used in regular spray program. Repeat as necessary. For heavy infestation use 1L and repeat as necessary.
Mealybugs, scales (crawlers), stink bugs, pear leaf miner.	1 L	Time applications according to insect incidence.
Blister mites	1.5 L + 10 L light to medium	Post-harvest treatment.

	horticultural oil	
NOTE: Russetting may occur on some varieties of apples such as Golden Delicious.		
PEARS - DO NOT APPLY WITHIN 14 DAYS OF HARVEST		
San Jose scale	1 L + 20 L dormant emulsifiable oil	Apply as a dormant application with full coverage.
CHERRIES - DO NOT APPLY WITHIN 10 DAYS OF HARVEST		
San Jose scale	1.25 L + 30 L dormant emulsifiable oil	Apply with thorough coverage as a dormant spray.
San Jose scale (crawlers).	1 L	Apply at pre-pink stage or when crawlers first appear
Fruit-tree leafrollers	1 L	Apply with full coverage beginning with petal fall.
Eye-spotted bud moths	1 L	Apply with full coverage at greentip.
Cherry fruit flies	1 L	Apply when flies begin to emerge; repeat 2 or 3 times at 10 day intervals.
Black cherry aphids, mites	1 L	Spray on first appearance; repeat after 10 days.
Rust mites	1 L	Spray thoroughly after harvest.
PEACHES AND APRICOTS - DO NOT APPLY TO PEACHES WITHIN 20 DAYS AND TO APRICOTS WITHIN 10 DAYS OF HARVEST.		
Peach twig borer & San Jose scale	1 L + 20 L emulsifiable oil	Dormant spray with thorough coverage.
Peach twig borer	1 L + 10 L light to medium summer oil	Apply at petal fall with thorough coverage.
	1 L	For control on peaches in May and June, apply as a full cover spray.
Aphids, clover & two spotted mites, San Jose scale crawlers	1 L	Apply in a thorough cover spray when pests are first noted; repeat as necessary.
PLUMS AND PRUNES - DO NOT APPLY WITHIN 10 DAYS OF HARVEST		
Peach twig borer, mealy plum aphid eggs, San Jose scale	1 L + 25 L dormant emulsifiable oil	Apply as a dormant spray.
	OR 1 L + 10 L light to medium summer oil.	Apply during late April or May.
Eye-spotted bud moth	1 L	Apply at pink stage.
Aphids (mealy plum, leaf curl plum, thistle)	1 L	Apply in a thorough cover spray; repeat as necessary.
Clover & European red mites	1 L	Apply when mites first appear; repeat as necessary.
Apple maggot	1 L	Where a problem on

		prunes, apply 2 or 3 sprays at 10 day intervals during July and early August.
CRANBERRIES - DO NOT APPLY WITHIN 7 DAYS OF HARVEST		
Black-headed fireworms, <i>Sparganothis sulfureana</i>	4.5 L in 3200 - 3500 L water per ha	Apply when insects first appear; repeat when necessary.
Cranberry fruitworm	7 L in 3200 - 3500 L water per ha	Apply when insects appear; repeat as necessary.
CURRENTS AND GOOSEBERRIES - DO NOT APPLY AFTER BLOOM		
Aphids, European fruit and Lecanium scale, crawlers, sawfly.	1 L	Apply immediately before first blooms open.
GRAPES - DO NOT APPLY WITHIN 16 DAYS OF HARVEST		
Leafhoppers, grape berry moth, grape leaf folder, mealybugs.	1 L (2.75-3.5 L/ha)	When insects first appear; repeat when necessary.
Pacific mites	1.9-2.5 L	When mites first appear; repeat as necessary.
LOGANBERRIES, RASPBERRIES AND BLACKBERRIES - DO NOT APPLY TO THESE FRUITS AFTER BLOOM.		
Raspberry Crown Borer	1 L	Apply as a drench to the crown area using 600 mL of the mixture per plant (4000 L per hectare). Apply when new cane growth is about 10 cm above the ground.
Leafhoppers (including <i>Macropsis</i>), aphids, fruit worms, thrips and raspberry sawfly.	1 L	Apply when blossom buds separate.
STRAWBERRIES - DO NOT APPLY WITHIN 5 DAYS OF HARVEST		
Strawberry leafroller, spittlebugs.	1 L	Apply when blossoms show colour. Use thorough coverage. Use at the rate of 2000 L per hectare.
Aphids & two-spotted mites.	1 - 2 L	Apply as a thorough cover spray when pests first noted; repeat as necessary.
Cyclamen mites	2 L	Direct spray into the crowns of plants; agitate the plants to ensure thorough coverage. For supplemental treatment additional applications should be made after fruit harvest.
Omnivorous leaf tier	1.2 L	Direct spray to plant crown; agitate plant to ensure coverage. Apply again after harvest if necessary.

INSECTS ON HOPS

APHIDS, MITES

Apply 2.2 L DIAZINON 500 E per hectare in sufficient water to achieve thorough coverage when insects first appear; repeat as necessary. Do not apply to hops within 14 days of harvest.

VEGETABLE INSECT PESTS

For control of the insects listed below, apply the specified amount of DIAZINON 500 E with a sprayer in sufficient water to achieve thorough coverage of the attacked crop. Apply when the insects first appear and repeat as infestations warrant. Do not apply DIAZINON 500 E closer to harvest than the time interval shown in the table.

CROP		INTERVAL TO HARVEST IN DAYS	PESTS	QUANTITY OF DIAZINON 500 E PER HECTARE
Beans:	Field (dry)	3	Aphids	1.1 L
	Lima	3	Mexican bean beetles, Dipterous leafminers, Mites, Leaf hoppers, Black bean aphids.	
	Pole	14		
	Snap	7		
Beets		14	Aphids, Dipterous leafminers	1.1 L
Broccoli		5	Aphids, diamondback moths, cabbageworms	1.1 L
Cabbage		7	Aphids, diamondback moths, cabbageworms	1.1 L
Cantaloupes		10	Aphids, cucumber beetles, thrips, leafhoppers, mites	1.1 to 2 L
Carrots		10	Aphids	1.1 L
			Carrot rust fly (adults). Apply when insects first appear and repeat at 7 to 10 day intervals as infestations warrant. Consult local agricultural authorities for correct timing of spray applications.	1.1 L
Cauliflower		5	Aphids, diamondback moths, cabbageworms.	1.1 L
Collards		7	Aphids, diamondback moths, cabbageworms.	1.1 L
Cucumbers		7	Cucumber beetles, aphids, mites, thrips.	2.2 L
Kale and Kohlrabi		7	Aphids, diamondback moths, cabbageworms	1.1 L

CROP	INTERVAL TO HARVEST IN DAYS	PESTS	QUANTITY OF DIAZINON 500 E PER HECTARE
Lettuce	10	Aphids, Dipterous leaf miners	1.1 L
Mushroom houses		Mushroom flies (Phorids and Sciarids).	
Use 1-2L in 100 L of water. Do not spray on compost in the beds or after spawning. Do not allow the solution to get onto the casing soil or the mushrooms. SPRAY TREATMENT: Spray on the outside and inside walls and ventilators of mushroom houses after the compost in the beds has been pasteurized by heating. BRUSH TREATMENT: Apply the solution with a brush to the wooden sides of the beds, posts, doors and door frames after pasteurizing. Repeat as required.			
Musk Melons	10	Aphids, cucumber beetles, thrips, leafhoppers, mites.	1.1 to 2 L
Onions, Green Onions	10	Onion maggot larvae. Apply in sufficient water to drench the seed furrow at planting or sowing time. This rate is based on a 40 cm row spacing; for other row spacing adjust on the basis of 140 - 200 mLper1000 m of row. Use the higher rate on organic soils, the lower rate on mineral soils.	2.2 - 4.4 L
		Onion maggot flies. Apply when flies become numerous and repeat at 7 to 10 day intervals as infestation warrants.	1.1 L
		Onion thrips	1.1 L
Parsley	14	Aphids, cabbageworms, diamondback moths	1.1 L
Parsnips	10	Aphids, flea beetles, Dipterous leafminers.	1.1 L
		Carrot Rust Fly (adults). Apply when insects first appear and repeat at 7 - 10 day intervals as infestation warrants. Consult local agricultural authorities for correct timing of spray applications.	1.1 L
Peppers	5	Aphids	550 mL – 1.1 L

CROP	INTERVAL TO HARVEST IN DAYS	PESTS	QUANTITY OF DIAZINON 500 E PER HECTARE
Peppers (Greenhouse)	5	Aphids. Use conventional high volume power sprayers. Make applications monthly or when aphids reach treatment levels. (Rates are equivalent to 230 mL in 250 L of water over 4000 m ² .)	575 mL per 625 L of water
Potatoes	14	Aphids, flea beetles, Colorado potato beetles, leafhoppers, Dipterous leafminers.	1.1 L
Radishes and salsify	10	Aphids, flea beetles, Dipterous leafminers.	1.1 L
Spinach	10	Aphids, Dipterous leafminers	1.1 L
Squash	3	Aphids, cucumber beetles, leafhoppers, mites, thrips.	1.1 L to 2 L
Swiss chard	14	Aphids, diamondback moths, imported cabbage moth.	1.1 L
Tomatoes	1	Aphids, Dipterous leafminers, vinegar flies (<i>Drosophila</i> spp.) For leaf miners and vinegar flies applications at weekly intervals will generally be required.	1.1 to 1.7 L

CROP	INTERVAL TO HARVEST IN DAYS	PESTS	QUANTITY OF DIAZINON 500 E PER HECTARE
Turnips, Rutabagas	14	Root maggots Apply as a drench in at least 1000 L of water per ha in a narrow band directly over the row as soon as the seedlings are up. Make a second application after thinning. Five or six weeks later, begin weekly applications using 1.1 L/ha to kill adult flies.	2.2 L
		Root maggot fly adults: Apply when insects first appear and repeat at 7 to 10 day intervals as infestations warrant. Spray the soil surface and plants in order to kill. Consult local agriculture authorities for correct timing of spray applications.	1.1 L
		Aphids, flea beetles, Dipterous leafminers.	1.1 L
Watermelon	10	Aphids, cucumber beetles, thrips, leafhoppers, mites.	1.1 - 1.7 L

ADDITIONAL INSECT CONTROL

RANGELAND, PASTURE, DITCH BANKS, ROADSIDES, FENCE ROWS, WASTELAND, NON-CROP AREAS AND BARRIER STRIPS: Grasshoppers: apply 1.1 L of DIAZINON 500 E per ha in sufficient water to obtain thorough coverage when insects first appear. For control of grasshoppers around the margin of field crops apply 1.1 L of DIAZINON 500 E per ha in sufficient water to obtain thorough coverage when insects first appear. Treat a strip inside the crop as well as headlands and margins outside the crop.

NOTE: Do not spray livestock directly. Do not spray during bloom to avoid injuring pollinating insects. Do not retreat for 30 days.

Do not treat field crops within 14 days of harvest. Dairy and beef cattle and sheep may be grazed or fed green forage immediately following application. Hay may be fed if not cut for 21 days following application.

PASTURE (GRASS AND CLOVER): Leatherjackets (For British Columbia only): apply 7 litres of DIAZINON 500 E per ha when insects first appear. Consult B.C. spray calendar for further information. Do not treat within 14 days of grazing, feeding or harvest.

CHRISTMAS TREE PLANTATIONS: Balsam Gall Midge and Balsam Twig Aphid. Wear protective clothing such as gloves, head cover, coveralls and rubber boots.

Ground Application: Apply 1.7 L of DIAZINON 500 E in 50 - 100 L/ha of water and apply with mist blower to the trees. Before spraying, mark out a one-half hectare area and spray the trees in the area using water only to determine the coverage to be given each tree using 50 L of spray mixture in the one-half hectare area.

MINOR USE ON CRANBERRIES

NOTE TO USER: READ THE FOLLOWING BEFORE USING THIS PRODUCT FOR THE INDICATED SPECIAL USE APPLICATIONS:			
The DIRECTIONS FOR USE for this product for the use(s) described below were developed by persons other than United Agri Products Canada Inc. and accepted for registration by Health Canada under the User Requested Minor Use Label Expansion Program. United Agri Products Canada Inc. itself makes no representation or warranty with respect to performance (efficacy) and/or crop tolerance (phytotoxicity) claims for this product when used on the crop(s) listed below.			
Accordingly, the Buyer and User assume all risks related to performance and crop tolerance arising, and agree to hold United Agri Products Canada Inc. harmless from any claims based on efficacy and/or phytotoxicity in connection with the use(s) described below.			
Pest	When to Apply	Rate	Remarks
Dearness Scale <i>Rhizaspidotus dearnessi</i> (Cockerell)	Apply when crawlers are observed on cranberry uprights. Repeat as necessary. To Protect Pollinators: Apply in late evening/night, cover bee hives if necessary, and spot treat where possible.	4.5 L in 3200 – 3500 L of water per Hectare	Crawlers emerge over a number of weeks, only when weather is warm and dry. Apply at weekly intervals, generally between late May and early June, to a maximum of 6 applications per year. Contact your local extension specialist for specific pest recommendations in your area. DO NOT apply within 7 days of harvest.

NOTE TO USER: READ THE FOLLOWING BEFORE USING THIS PRODUCT FOR THE INDICATED SPECIAL USE APPLICATAIONS:

The DIRECTIONS FOR USE for this product for the uses described below were developed by persons other than United Agri Products Canada Inc. United Agri Products Canada Inc. itself makes no representation or warranty with respect to performance (efficacy) and/or crop tolerance (phytotoxicity) in connection with the use described below.

Accordingly, the Buyer and User assume all risks related to performance and crop tolerance arising, and agree to hold United Agri Products Canada Inc. harmless from any claims based on efficacy and/or phytotoxicity in connection with the use described for below.

DIRECTIONS FOR USE

Cranberries

Pest	When to Apply	Rate	Remarks
Cranberry Tipworm (<i>Dasineura oxycoccana</i>)	Apply at peak egg hatch. Depending on pest population may be pre or post bloom. To Protect Pollinators: Apply in late evening/night, cover bee hives if necessary, and spot treat where possible.	7 L in 3200 – 3500 L of water per Hectare	Ground application Maximum of 3 applications per year. Contact your local extension specialist for specific pest recommendations in your area. DO NOT apply within 7 days of harvest.

TANK MIXES AND COMPATIBILITES:

Note: Do not mix DIAZINON 500 E with any formulation of Captan because crop injury may occur.

Refer to provincial recommendations for compatibility charts.

Do not allow spray mixtures to sit overnight.

Adhere to tank mix product labels for precautions, warnings, restrictions, tank mixing and spraying instructions, days to harvest, stage for crop applications.

PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN AND DOMESTIC ANIMALS.

Do not use on humans, pets, livestock. May be fatal if swallowed. Do not get into eyes. Avoid contact with skin and inhalation of spray mist. Wash thoroughly after handling and before eating, drinking and smoking. Use only as recommended on the label. Do not reuse container. Do not graze or feed immature crops within 14 days of harvest. **DO NOT APPLY BY AIR.**

Avoid contamination of food, feed or food utensils.

When applying wear coveralls over work clothes and chemical resistant gloves during mixing, loading, application, irrigation and clean-up activities. Wear a NIOSH approved respirator during mixing and loading activities.

This product contains a petroleum distillate which is moderately to highly toxic to aquatic organisms. Avoid contamination of aquatic systems during application. Do not

contaminate these systems through direct application, disposal of waste or cleaning equipment.

If this pest control product is to be used on a commodity that may be exported to the U.S. and you require information on acceptable residue levels in the U.S., visit CropLife Canada's website at: www.croplife.ca/.

SYMPTOMS OF POISONING: Headaches, giddiness, blurred vision, nervousness, weakness, nausea, cramps, diarrhea, discomfort in the chest, sweating, miosis, tearing, salivation and other excessive respiratory tract secretion, vomiting, cyanosis, papilledema, uncontrollable muscle twitches, convulsions, coma, loss of sphincter control and loss of reflexes.

FISH AND WILDLIFE CAUTION

This product is toxic to birds, fish and wildlife, including waterfowl. Remove all animals, fish and birds before spraying; do not return them for at least 4 hours after treatment. Do not contaminate domestic or irrigation water supplies, lakes, streams and ponds. Birds and waterfowl feeding or drinking on treated areas may be killed. Do not apply where waterfowl are expected to inhabit the area or where there are resident populations of waterfowl. Do not exceed maximum potential label rates as rates above those recommended significantly increase potential hazards to birds and waterfowl. Avoid overlapping of sprays. Irrigation (watering) is recommended, applying a minimum of 0.7 cm (0.25 inches) of water immediately after application to reduce the hazards to birds. Stop irrigation as soon as puddling occurs.

TOXIC TO BEES:

Avoid spraying open flowers. Highly toxic to bees exposed to direct treatment or to residues on crops.

FIRST AID

In case of poisoning, call a physician or poison control centre IMMEDIATELY. Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

IF SWALLOWED, call a poison control centre or doctor immediately for treatment advice. Do not induce vomiting unless told to do so by a poison control centre or a doctor. Do not give **any** liquid to the person. Do not give anything by mouth to an unconscious person.

IF INHALED, move to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferable by mouth-to-mouth, if possible. Call a poison control centre or doctor for further treatment advice.

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

IF ON SKIN, take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control centre or doctor for treatment advice.

TOXICOLOGICAL INFORMATION

Diazinon is an organophosphate insecticide and, as such, a cholinesterase inhibitor. If cholinergic symptoms occur, give atropine as an antidote followed by Pralicoxime (2-PAM) and supporting therapy. Use 1 to 2 mg of atropine every 15 to 30 minutes if necessary.

DISPOSAL

1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
2. Follow provincial instructions for any required additional cleaning of the container prior to its disposal.
3. Make the empty container unsuitable for further use.
4. Dispose of the container in accordance with provincial requirements.
5. For information on the disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

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 this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.

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