

1995/2000

CLEAN CROP

LAGON 480

COMMERCIAL

DANGER

POISON

READ THE LABEL AND BOOKLET BEFORE USING

REGISTRATION NO. 16037
PEST CONTROL PRODUCTS ACT

GUARANTEE: Dimethoate 480 g/L

NET: 10 L

Notification Change

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

**UNITED AGRI PRODUCTS CANADA INC. □
789 DONNYBROOK DRIVE □
DORCHESTER ON □
N0L 1G5**

41561

01/95

PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN. Harmful if swallowed, inhaled or absorbed through the skin. Use only in adequately ventilated areas. Do not use indoors. Avoid breathing vapour of spray mist and contact with skin, eyes or clothing. Wash after use and before eating, drinking or smoking. Avoid contamination of food, feed and drinking water. Keep away from heat, sparks and open flame. Do not expose to direct sunlight. Highly toxic to birds, bees and other wildlife. To avoid killing bees, spray plants in bloom only late in the evening or early morning while bees are not foraging.

FIRST AID: If on skin, wash immediately. If in eyes, flush eyes with water for 15 minutes; then get medical attention. If swallowed, induce vomiting immediately; then get medical attention. Never give anything by mouth to an unconscious person.

TOXICOLOGICAL INFORMATION: Symptoms of poisoning include nausea, vomiting, pinpoint pupils, excessive salivation, muscle twitching,

convulsions and coma. This product, upon repeated or prolonged use, may cause cholinesterase inhibition. Cyclohexanone is used as a diluent.

ANTIDOTES: Give 2-4 mg of atropine sulphate intramuscularly or intravenously immediately and every hour as required until pupils dilate. Pralidoxime chloride (2-PAM: PROTOPAM chloride) may be effective as an adjunct to atropine. Use according to label directions.

DISPOSAL

1. Rinse the emptied container thoroughly and 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 and the cleaning up of spills, contact the regional office of Environmental Protection, Environment Canada.

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.

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.

((BOOKLET))

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EPA Est. 34704-MS-1

DIRECTIONS FOR USE:

ORNAMENTALS: Use on ornamental plants listed.

AZALEAS: To control Lace bugs, Leaf Miners, Mites and White Flies: mix 1 L in 1000 L of water and spray lightly on the plants.

CARNATIONS: To control Aphids, Thrips and Mites: mix 1 L in 1000 L of water and make thorough cover spray. For soil drench, apply at the rate of 125 mL per 100 m² of bed or bench in sufficient water for even distribution. Water thoroughly after application.

DAY LILIES: To control Aphids and Thrips: mix 2 L in 1000 L of water and make thorough cover spray.

ROSES (Outdoor Plants): To control Aphids, Leafhopper, Mites and Thrips: mix 1 L in 1000 L of water and apply thoroughly every 4 weeks during growing season.

ARBORVITAE: To control Aphids, Bagworms and Mites: mix 2 L in 1000 L of water and spray thoroughly.

BIRCH: To control Aphids and Leaf Miners: mix 500 mL in 1000 L of water. For Leaf Miners, apply when leaves are expanded (about mid May) and repeat in early July.

BOXWOOD: To control Leaf Miners, Mealy Bugs and Mites: mix 1 L in 1000 L of water. For Leaf Miners, apply in spring when Leaf Miner flies first appear or in early summer for control of larvae in the infested leaves.

CEDAR: To control Mites: mix 2 L in 1000 L of water and make

thorough cover spray.

EUONYMUS: To control Aphids and Scale: mix 2 L in 1000 L of water and spray thoroughly.

GARDENIAS: To control Tee Scale and White Flies: mix 1 L in 1000 L of water and spray thoroughly.

GERBERAS: To control Thrips: mix 1 L in 1000 L of water and spray thoroughly.

GLADIOLUS: To control Aphids and Thrips: mix 1 L in 1000 L of water and make thorough cover spray.

IRIS: To control Aphids, Iris Borers and Thrips: Mix 2 L in 1000 L of water. For borer control, spray when new leaved are 12 - 15 cm tall.

POINSETTIAS (Outdoor Plants): To control Mites, White Flies, Mealy Bugs and Aphids: mix 1 L in 1000 L of water and spray thoroughly.

HOLLY (English, American): To control Leaf Miners, Mites and Soft Scale: mix 1 L in 1000 L of water. For Leaf Miners apply in spring when Leaf Miner flies first appear or in early summer for the control of larvae in infested leaves.

HEMLOCK: To control Mites and Scale: mix 1.5 L in 1000 L of water and spray thoroughly.

OAK: To control Golden Oak Scale: mix 2 L in 1000 L of water in a thorough cover spray.

JUNIPER: To control Aphids, Bagworms, Midges and Mites: mix 2 L in 1000 L of water and make thorough cover spray.

PINE: (Mugho, Red, Scots) To control Aphids, Bagworms, European Pine Shoot Moths, Nantucket Pine Tip Moths, Zimmerman Pine Moths: mix 2 L in 1000 L of water and make thorough cover spray.

TAXUS: To control Fletcher Scale, Mealy Bug and Mites: mix 2 L in 1000 L of water and make thorough cover spray.

PAINT-ON TREATMENT: For Paint-On Treatment, mix 1 part LAGON 480 with 1 part of water.

BIRCH TREES: To control Birch Leafminer, paint the mixture in a band around the trunk below the lowest branch. Change the band location with each application. Do not treat birch trees with trunks less than 3 cm in diameter. Newly transplanted birch trees

may be injured. For larger trees, the width of the band should be equal to the thickness of the trunk at that location up to a maximum of 15 cm. Make first application in May when leaf bud tips appear green, and the second application in late June in early-season areas, and in early July in cooler areas. Do not make more than two treatments per season.

BIRCH TREES - SOIL DRENCH APPLICATION FOR BIRCH LEAFMINER. In May, when the leaves start to open, apply LAGON 480 to the soil. Use 10 mL of LAGON 480 mixed with 10 mL of water for each centimetre of birch tree trunk diameter. (Example: each 12 cm of tree trunk diameter requires 120 mL of LAGON 480). Make several small holes in the soil with a sharp instrument under the branches of the tree. Pour the required amount of LAGON 480 with the same amount of water evenly into each hole. Close the holes with earth and thoroughly water the soil until it is saturated.

One soil drench treatment in May should give control of birch leafminer for the complete season. **DO NOT MAKE MORE THAN ONE SOIL TREATMENT PER YEAR.** Soil drenches may not be effective on newly transplanted birches where the root system is not well established.

LILACS: To control Leaf Miners: apply the mixture in a band 8 cm wide, approximately 30 cm above ground on each stem. Make the first application when first leaves appear, and the second application in late July.

ROSES: (Outdoors): To control Aphids, Leafhoppers, Mites and Thrips, paint a 2.5 cm band of the mixture around the base of the rose stem. Paint old wood as new growth may be injured. For best insect control, make the first treatment when leaf buds start to swell in the spring and repeat applications as necessary.

CROPS:

APPLES & PEARS: To control mites: mix 1-1.5 L in 1000 L of water in thorough cover spray. Aphids and Pear Psylla: mix 1 L in 1000 L of water in thorough spray. Do not apply within 7 days before harvest.

APPLES: To control Codling Moth: Apply 500-600 mL in 1000 L of water. For codling moth control make two (2) application when moth appears (usually July and August). Required interval before harvest - 14 days.

BLUEBERRIES (Low Bush): To control Blueberry Maggots: apply 600 - 825 mL in 1000 L/ha of water. Make 1 or 2 applications between July 15 and July 30. Do not apply within 15 days of harvest.

NON-BEARING PEACHES & STRAWBERRIES: To control Aphids and Mites:

mix 1 L in 1000 L of water and spray when growth commences and repeat a monthly intervals as required.

SWEET CHERRIES, SOUR CHERRIES: To control Cherry Fruitfly: mix 500 mL in 1000 L of water in thorough coverage. Do not apply within 21 days of harvest. Apply no later than 6 days after first adult fly is trapped. Apply once only to Sweet Cherries prior to harvest. On Sour Cherries, two applications, 14 days apart may be necessary.

ASPARAGUS: To control Asparagus Aphid: apply 2.3 L in 675 L/ha of water: (Ground Application): Apply by boom or field sprayer at 3-4 week intervals as needed until defoliation in October. For immature asparagus, begin application mid-May. For mature asparagus, begin application July 1, after crop has been harvested.

BEANS: To control Aphids, Bean Beetles, Leafhoppers, Leaf Miners and Mites: mix 700-1000 mL/ha in sufficient water for thorough coverage. Repeat as necessary. Do not feed or graze treated forage to livestock. Do not apply within 7 days of harvest.

CELERY: To control Aphids - including Carrot, Greenpeach and Foxglove Aphids: mix 700 mL/ha in sufficient water for thorough coverage. Begin applications 3 weeks after transplanting. Do not apply more than 4 applications per growing season. Do not apply within 3 days of harvest.

CHICORY, CHINESE BROCCOLI, CHINESE CABBAGE, PAK CHOI: To control Aphids: apply 600 mL to 1 L/ha in sufficient water for thorough coverage. Use ground application to foliage. Apply when aphids are present. DO NOT APPLY MORE THAN 3 APPLICATIONS PER SEASON. DO NOT APPLY WITHIN 7 DAYS OF HARVEST.

COLE CROPS (CABBAGE, CAULIFLOWER, BROCCOLI, BRUSSELS SPROUTS): To control Aphids: mix 700-1000 mL/ha in sufficient water for thorough coverage, Repeat as needed. Interval to harvest-cabbage, broccoli and cauliflower 4 days and brussels sprouts 21 days.

BROCCOLI, CABBAGE, CAULIFLOWER: To control Thrips: apply 0.55 - 1.25 L/ha. Apply at 10 day intervals starting at head formation.

EGGPLANT: To control Tarnished plant bug: apply 500-700 mL/ha. Apply when bugs are found and flowering is seen. Treat again in 7-10 days if bugs are found. Consult local authorities for proper timing. Do not apply when bees are foraging. Do not apply within 7 days of harvest.

PEAS: To control Aphids: mix 275-425 mL/ha in sufficient water for thorough coverage. Repeat as needed. Do not apply within 3 days before harvest. Do not feed or graze within 21 days of

application.

PEPPERS: To control Aphids: mix 700-1000 mL/ha in sufficient water for thorough coverage. Do not apply within 3 days before harvest.

POTATOES: To control Aphids and Leafhoppers mix 550-1100 mL/ha in sufficient water for thorough coverage. Repeat as necessary. Consult local authorities for proper timing. Do not apply within 7 days before harvest.

TOMATOES: To control Aphids and Leafhoppers: mix 0.5-1 L/ha in sufficient water for thorough coverage. Repeat as needed. Do not apply within 7 days before harvest.

LEAFY VEGETABLES (LETTUCE, SPINACH, SWISS CHARD, KALE, BEET GREENS, TURNIP GREENS): To control Aphids, mix 700 mL in sufficient water for thorough coverage. Repeat as needed. Interval to harvest is 7 days, 12 days for beet greens.

ALFALFA for Hay or Seed: To control Plant Bugs: mix 1.1 L/ha in sufficient water for thorough coverage. Do not apply more than once per season. Do not apply during bloom. Do not graze or harvest within 28 days after application. Remove cattle before spraying.

CANARY GRASS (Grown for seed): To control Aphids: apply 500 mL/ha in aerial or ground application. Apply when there are more than 50 aphids per canary seed head between heading and soft dough stage. Do not apply with 21 days of harvest.

FLAX: To control Potato Aphid: apply 437 mL/ha. One application per season; apply from late flowering to early green bole stage; in sufficient water to provide good coverage; allow a preharvest interval of 21 days; may be applied by either ground or aerial methods.

SAFFLOWER: To control Grasshoppers (nymphs and adults): apply 0.55-1.0 L/ha of water. Apply when damage is apparent and more than 15 grasshoppers per square meter are found in the crop. Repeat the application only when necessary and do not exceed 2 applications. Use sufficient water for good coverage using ground or aerial application. Do not apply within 21 days of harvest.

SOYBEANS: To control Two-spotted Spider Mites: apply 1 L/ha. Apply by ground application in sufficient water for thorough coverage. Do not feed or allow livestock to graze treated forage. Do not apply within 7 days of harvest.

FLY CONTROL:

Mushroom Houses: To control Sciarid, Phorid flies: mix 130 mL of LAGON 480 with 10 L of water and spray all inside walls and paint the bed board on the outside with the mixture. Apply the spray after filling the beds with manure but before spawning and casing.

General Outdoor Use: To control flies around homes, recreation areas, garbage cans, animal quarters, refuse areas, loading docks: mix 200-500 mL of LAGON 480 to 10 L of water and spray exposed surfaces such as walls, fences, garbage containers at the rate of 5-10 L of mixture per 100 m². Repeat applications as necessary. Do not use in milk processing room.

Dairy Barns, Hog Pens, Calf Barns, Poultry Houses, Farm Buildings: To control flies, use a spray solution containing 25 mL of LAGON 480 per litre of water. Apply 50-60 L of spray per 1000 m² and thoroughly wet all fly resting places to point of run-off. Repeat application if necessary. Remove livestock and poultry from buildings when spraying.

Spot Spray: Mix 200-250 mL of LAGON 480 with 10 L of water and apply with a knapsack sprayer to doorways, counters and other areas frequented by flies. Do not apply in milk processing or storing rooms. Do not contaminate feed, foodstuffs, feed troughs, litter or drinking fountains. Do not apply to freshly white-washed surfaces.

PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN. Harmful if swallowed, inhaled or absorbed through the skin. Use only in adequately ventilated areas. Do not use indoors. Avoid breathing vapour of spray mist and contact with skin, eyes or clothing. Wash after use and before eating, drinking or smoking. Avoid contamination of food, feed and drinking water. Keep away from heat, sparks and open flame. Do not expose to direct sunlight. Highly toxic to birds, bees and other wildlife. To avoid killing bees, spray plants in bloom only late in the evening or early morning while bees are not foraging.

FIRST AID: If on skin, wash immediately. If in eyes, flush eyes with water for 15 minutes; then get medical attention. If swallowed, induce vomiting immediately; then get medical attention. Never give anything by mouth to an unconscious person.

TOXICOLOGICAL INFORMATION: Symptoms of poisoning include nausea, vomiting, pinpoint pupils, excessive salivation, muscle twitching, convulsions and coma. This product, upon repeated or prolonged use, may cause cholinesterase inhibition. Cyclohexanone is used as a diluent.

ANTIDOTES: Give 2 - 4 mg of atropine sulphate intramuscularly or intravenously immediately and every hour as required until pupils dilate. Pralidoxime chloride (2-PAM: PROTOPAM chloride) may be effective as an adjunct to atropine. Use according to label directions.

DISPOSAL:

1. Rinse the emptied container thoroughly and 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 and the cleaning up of spills, contact the regional office of Environmental Protection, Environment Canada.

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SUPPLEMENTAL LABELLING
FOR CONTROL OF APHIDS
ON FILBERTS AND HAZELNUTS

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SUPPLEMENTAL LABELLING
FOR CONTROL OF APHIDS
ON FILBERTS AND HAZELNUTS

DIRECTIONS FOR USE

CROPS	PEST	RATE OF LAGON 480 INSECTICIDE HECTARE	REMARKS
Filberts Hazelnut s	Aphids	5 L/Ha	Use one application per season. Apply when aphids appear. DO NOT USE WITHIN 45 DAYS OF HARVEST. Primarily for use on young plantings.

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with water for 15 minutes; then get medical attention. If swallowed, induce vomiting immediately; then get medical attention or contact poison control centre. Never give anything by mouth to an unconscious person.

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STORAGE: Do not use, pour, spill or store near heat or open flame. Keep out of direct sunlight. Ship and store between 4EC and 30EC.

DISPOSAL

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or assurance that the information obtained through this service is accurate, current or correct, and is therefore not liable for any loss resulting, directly or indirectly, from reliance upon this service.

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