

**17-MAR-2004 Notification received of label changes. See below for these changes.**

16-JAN-1998

(( BOX ))

Later's

Lagon 2E

Leaf Miner & Aphid Spray

WORKS ON CONTACT AND SYSTEMICALLY

Controls Birch Leaf Miner, Pine Moth Larvae, Scale, Iris Borer, Aphids, Mites and many other insects on ornamentals, trees, roses and fruit trees.

READ THE LABEL AND ENCLOSED PAMPHLET BEFORE USING

DOMESTIC

REG. NO. 14829 P.C.P. ACT

GUARANTEE: Dimethoate.....24%

WARNING

POISON

250 mL

Notification Change

~~Later Chemicals Ltd.  
12080 Horseshoe Way  
Richmond, B.C. V7A 4V5~~

Nu-Gro IP Inc  
10 Craig Street  
Brantford, ON N3R 7J1

READ ENTIRE LABEL AND ENCLOSED PAMPHLET BEFORE USING THIS PRODUCT

PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN. Harmful if swallowed, inhaled or absorbed through skin. Use only in adequately ventilated areas. Avoid breathing vapour or 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.

ENVIRONMENTAL HAZARDS: Highly toxic to birds, bees and other

wildlife. To avoid killing bees, spray plants in bloom only in the late evening or early morning while bees are not foraging.

STORAGE: Keep product in original container. Store in a cool, dry place away from food.

DISPOSAL: Do not re-use container. Rinse thoroughly and use rinse water with regular spray. Wrap container in newspaper and dispose of in regular garbage.

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.

#### 1. PAINT ON TREATMENT

Paint band around listed trees as plant sap will absorb and move Lagon 2E up to protect leaves.

#### 2. SOIL DRENCH TREATMENT

FOR BIRCH LEAFMINER - Apply directly to root zone as directed. Roots absorb Lagon 2E and protect plant from inside.

#### 3. FOLIAGE SPRAY

Use on Roses, Azaleas, Camellias, Carnations and many other plants as listed on the enclosed brochure.

(( PAMPHLET ))

LAGON 2E is generally effective in controlling Aphids, Leafhoppers, Leafminers, Mites, Scales and Thrips on Roses, Azaleas, Carnations, Birch, Cedar, Holly, Hemlock, Junipers, Oak, Pine, Spruce etc. Mix with water and spray leaves or use as a paint-on treatment on Roses, Lilac and Birch. Can also be used as a soil-drench for Birch Leafminers.

READ ENCLOSED PAMPHLET FOR DIRECTIONS.

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Later's

Lagon 2E

Leaf Miner & Aphid Spray - Systemic Insecticide

For the control of insects on listed flowering plants, fruit trees and ornamental shrubs and trees.

READ ENTIRE LABEL AND ENCLOSED PAMPHLET BEFORE USING

KEEP OUT OF REACH OF CHILDREN

DOMESTIC

REG. NO. 14829 P.C.P. ACT

GUARANTEE: Dimethoate.....24%

WARNING

POISON

Later Chemicals Ltd.  
12080 Horseshoe Way  
Richmond, B.C. V7A 4V5

DIRECTIONS:

LAGON 2E is generally effective in controlling Aphids, Leafhoppers, Leafminers, Mites, Scales and Thrips. Plant species on which LOGAN 2E may be used, and the insects controlled, are listed in this pamphlet. Do not use on plants which are not listed.

FLOWERING PLANTS, ORNAMENTAL SHRUBS AND TREES:

Foliar Applications - Proper timing of treatment is necessary for adequate insect control. Follow the recommendations in the accompanying table. When a recommendation is not given, the spray should be delayed until the pests appear or damage to the plant is observed.

While LAGON 2E may not always cause injury to species not listed, injury may occur to individual plants or in local areas. When in doubt about plant safety, it is advisable to spray a single branch or dip several leaves in the spray solution. A waiting period of three or four days will usually indicate if plant damage will result.

Do not spray the following species unless individual plants have been tested for safety:

American Elm	Morraine Locust	Mock Orange
Norway Maple	Mop-head Elm	Sunburst Locust

There has been no report of damage by LAGON 2E to any of the common evergreen species grown in Canada provided recommended rates have been followed.

SOIL DRENCH APPLICATION for Birch leaf miners - in May, when the leaves start to open, apply LAGON 2E to the soil. Use 50 mL of undiluted LAGON 2E for each 2.5 cm of birch tree trunk diameter. (Example: each 12 cm of tree trunk diameter requires one 250 mL bottle of LAGON 2E.

Make several small holes in the soil with a sharp instrument under the branches of the tree. These holes should be within the dripline of the tree. Pour the required amount of LAGON 2E undiluted 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 leaf miner 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.

OR YOU CAN USE THE PAINT-ON TREATMENT

PAINT-ON TREATMENT:

**BIRCH TREES:** To control Birch leaf miners - Paint undiluted LAGON 2E using the applicator in a band on the bark of the tree. The chemical is absorbed into the plant and carried to the leaves. The band should be changed with each application. Do not treat birch trees with trunks less than 2.5 cm in diameter. 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. The first application should be made in May when leaf bud tips appear green. A second application should be made in late June in early seasons areas or early July in cooler areas. Do not make more than two treatments per season.

Newly transplanted birch trees may be injured. Use LAGON 2E with care during the year of transplanting. On certain clay soils, a white chlorosis may appear between the veins of leaves after treatment. This is temporary and soon disappears.

**LILAC:** To control Leafminers - Apply undiluted LAGON 2E in a band 7.5 cm wide, approximately 30 cm above the ground, to each stem. The first application should be made when first leaves appear. A second application should be made in late July.

**ROSES (outdoor plants):** To control Aphids, Leafhoppers, Mites and Thrips - Using the applicator, paint a 2.5 cm band of undiluted LAGON 2E to the bases of the rose stems. Paint only old wood as new growth may be injured. For best insect control, apply the first treatment when leaf buds start to swell in the spring and repeat the application as necessary.

**NOTE:** re paint-on treatment See the foliar application section for insect control on birch, lilac, or rose with foliar sprays. Do not paint undiluted LAGON 2E to plant species other than the trees listed as severe injury can result.

#### FLOWERING PLANTS

Use adequate spray for good coverage of plants, but do not overdose spray. To avoid injury to plants do not spray when the temperature is excessively high. The uses listed below are foliar sprays unless otherwise indicated and must not be used on plants growing indoors.

FLOWERING PLANTS (Outdoor plants only)	INSECTS CONTROLLED	AMOUNT/mL LAGON 2E per 10L of WATER
Azaleas	Azalea lace bugs, Leaf miners, Mites, White flies	20 - 25
Camellias	Aphids, Mites, Camellia scale	20 - 25 Foliar spray: Apply 2 sprays 6 weeks apart the first year followed by annual applications soon after first growth begins in the spring.
		10 - 15 Soil Drench: Apply LAGON 2E as a soil drench around the base of plants in early spring at the rate of 4-5L per plant up to 2m tall. Increase this rate proportionately for larger plants.
Carnations	Aphids, Mites, Thrips	20 - 25 Soil Drench: Apply as a soil drench at the rate of 25 mL of LAGON 2E per 10 m <sup>2</sup> of bed or bench in sufficient water for even distribution. Water in thoroughly after application.
Daylilies	Aphids, Thrips	40 - 50
Eunonymus	Aphids, Scale	40 - 50
Gardenias	Scale, White flies	20 - 25
Gerberas	Thrips	20 - 25
Gladiolus	Aphids, Thrips	20 - 25

Iris	Aphids, Iris Borers, Thrips	40 - 50 For borer control, spray when new leaves are 10-15 cm tall.
Poinsettias	Aphids, Mites, Mealy bugs, Whiteflies	20 - 25
Roses	Aphids, Mites, Thrips, Leafhoppers	20 - 25 Apply as required (approximately every 4 weeks during growing season). Also see PAINT-ON TREATMENT and SOIL DRENCH.

1 tbsp. = 15 mL      1 tsp. = 5 mL

#### ORNAMENTAL SHRUBS AND TREES

Use adequate spray for good coverage. Do not spray when the temperature is excessively high.

ORNAMENTAL SHRUBS AND TREES	INSECTS CONTROLLED	AMOUNT (ML) OF LAGON 2E PER 10L OF WATER
Arborvitae	Aphids, Bagworms, Mites	40-50
Birch	Aphids, Leaf miners	15-20 For Leaf miners apply when leaves have just fully expanded (about mid-May), repeat last week in June. Application should be made before or at least as soon as first damage appears.
Also see PAINT-ON TREATMENT and SOIL DRENCH		

Boxwood	Mites, Leaf miners Mealy bugs	20-25 For Leaf miners apply in spring when Leaf miner flies first appear and repeat in early summer for control of larvae in the infested leaves.
Cedar	Mites, Leaf miners	40-50 For leaf miners spray in early May or late August.
Holly (American and English)	Mites, Leaf miners, soft Scale	20-25 For leaf miners spray in spring when Leaf miner flies first appear and repeat in early summer for the control of larvae in the infested leaves.
Hemlock	Mites, Scale, Spruce needle miner	20-25 Make application as soon as larvae hatch.
Juniper	Aphids, Bagworms, Midges, Mites	40-50
Lilac (Syringa spp.)	Leaf miners	20-25 Apply two sprays 6 weeks apart. Applications should be made as soon as any signs of the Leaf miner appears, or first application should be started in early June.
Also see PAINT-ON TREATMENT and SOIL DRENCH		
Oak	Golden oak scale	40-50
Pine (Mugho, Red and Scotch)	Red and Black-headed pine sawfly larvae.	20-25
	Aphids, Bagworms, European pineshoot moths, Nantucket pine tip moths, Zimmerman pine moths.	40-50 For European pine shoot moths, apply early in the spring and again in mid-June, thoroughly wetting branch tips.

Sitka Spruce	Sitka-spruce weevils	250 Spray the terminal growth to the point of run-off at the time of egg laying (usually during the first half of May).
Spruce and Balsam Fir	Spruce budworms	20-25 Apply when new growth starts.
Taxus (Yew)	Fletcher scale, Mealy bugs, Mites	40-50 For Fletcher scale, spray at the end of June and again 10 days later when the crawlers are moving.

#### FRUIT TREES

Unless otherwise specified, apply sprays when insects appear and repeat as necessary. Apply sufficient spray to ensure coverage.

FRUIT CROP	INSECT CONTROLLED	TIMING OF SPRAY	RATE (ML) OF LAGON 2E PER 10L OF WATER
Apples Pears	Aphids, Apple maggots, Mites, Pear psylla, Tarnished plant bugs	For Apple maggots, spray when adult flies first appear (usually July 10 to 15) and repeat after 10 to 14 days.	20 - 25
		For Tarnished plant bug control on apples, apply at pink and first cover; on pears, apply before bloom. Do not apply within 14 days of harvest.	15

Cherries (Sour, Sweet)	Black Cherry fruit flies, Western cherry fruit flies	Apply no later than 6 days after the 1st fly is trapped. Apply once only to sweet cherries prior to harvest. On sours, 2 applications, 14 days apart, may be necessary. Do not spray within 21 days of harvest on sweet and sour cherries.	10-12.5
Peaches (non- bearing)	Tarnished plant bugs	Apply at pink stage and again at shuck fall.	10
	Aphids, Mites	Spray at monthly intervals or as necessary.	15-35
Straw- berries	Tarnished plant bugs, Aphids, Mites	On strawberries to be harvested, apply first spray when blooms appear and a second 10 to 20 days later. Do not spray strawberries within 7 days of harvest	25mL/100m2
		Spray as necessary on non-bearing strawberries.	15-25 mL/ 100m2

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