

2022-06-29
2022-0386
(Container label)

GROUP	7	HERBICIDE
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LOROX®L
HERBICIDE

For the control of labelled broadleaf and grassy weeds on carrots, potatoes, parsnip, asparagus, and shelterbelts.

LIQUID SUSPENSION

COMMERCIAL (AGRICULTURAL)
READ THE LABEL AND ATTACHED BROCHURE BEFORE USING

NET CONTENTS: 10 L, 947L

REGISTRATION NO. 16279 PEST CONTROL PRODUCTS ACT

ACTIVE INGREDIENT: Linuron 0.48 kg/L
Contains 1,2-benzisothiazolin-3-one at 0.0145 % as a preservative.

Tessengerlo Kerley Inc.
2910 N. 44th Street Suite 100
Phoenix, Arizona 85018 USA
Phone: (602) 889-8397

Cancellation Date For Cancelled Uses with an Extended Phase Out Period

Crops	Last date of use
Chokecherries (fall seeded plantings), Dill, Coriander, Caraway, Celery, Sweet white lupins	5 November 2024

PRECAUTIONS:

- **KEEP OUT OF REACH OF CHILDREN.**
- May irritate eyes, nose, throat and skin.
- Avoid breathing spray mist.
- Avoid contact with skin, eyes and clothing.
- Apply only to agricultural crops when the potential for drift to areas of human habitation and human activity such as houses, cottages, schools and recreational areas is minimal. Take into consideration wind speed, wind direction, temperature inversions, application equipment, and sprayer settings.
- Wear chemical-resistant coveralls over a long-sleeved shirt, long pants, chemical-resistant gloves, socks, and chemical-resistant footwear, during mixing/loading, clean-up and repair. Wear cotton coveralls over a long-sleeved shirt, long pants, chemical-resistant gloves, socks, and chemical-resistant footwear during application. Gloves are not required during application within a closed cab.
- Closed mixing/loading systems are required. A closed system means removing a pesticide from its original container, rinsing, mixing, diluting, and transferring the pesticide through connecting hoses, pipes, and couplings that are sufficiently tight to prevent exposure of any person to the pesticide or rinsing solution. Rinsing is not required when using the pesticide without dilution.
- During application, use a closed cab that provides both a physical barrier and respiratory protection (such as dust/mist filtering and/or vapour/gas purification system). The closed cab must have a chemical-resistant barrier that totally surrounds the occupant and prevents contact with pesticides outside the cab.
- Limit the amount of product handled per day to [77 kg a.i.] per person for groundboom application when mixing, loading and applying. These restrictions are in place to minimize exposure to individual applicators. Application may need to be performed over multiple days or using multiple applicators.
- **DO NOT** enter or allow worker entry into treated areas during the restricted-entry interval REI(s) specified in the following tables.

Restricted-Entry Intervals for Uses with Continued Registration (carrots, parsnip, potato, asparagus, shelterbelts)

Crop	Post Application Activity	REI and/or PHI
Potatoes	All tasks	4 days
Asparagus	All tasks	4 days
Carrots	Scouting	8 days
	All other tasks	2 days
Parsnip	Harvesting	60 days
	Scouting	9 days
	All other tasks	2 days
Shelterbelts	All tasks	6 days

**Interim Restricted-Entry Intervals Uses with an Extended Phase Out Period
(chokecherries, dill, coriander, caraway, celery, sweet white lupins)**

Crop	Crop Stage	REI
Celery	Post-emergence	Scouting: 7 days All other activities: 4 days
Dill	Pre-emergence only	2 days
	Post-emergence only	Scouting: 9 days All other activities: 2 days
	Pre- and Post- emergence	Pre-emergent: 12 hrs Scouting: 7 days All other activities: 12 hrs
Coriander and Caraway	Post-emergence	Scouting: 6 days All other activities: 12 hrs
Sweet White Lupins	Pre-emergence	3 days
Chokecherries (fall seeded plantings)	Pre-emergence of seedlings	4 days

Toxic to aquatic organisms and non-target terrestrial plants. Observe spray buffer zones specified under DIRECTIONS FOR USE. Toxic to birds. Toxic to small wild mammals. Toxic to certain beneficial arthropods (which may include predatory and parasitic insects, spiders, and mites).

FIRST AID

IF INHALED:

Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably 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 OR CLOTHING:

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.

IF SWALLOWED:

Call a poison control centre or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person.

Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

TOXICOLOGICAL INFORMATION: Treat symptomatically.

STORAGE: Store this product away from food or feed.

DISPOSAL:

For recyclable containers

DO NOT reuse this container for any purpose. This is a recyclable container, and is to be disposed of at a container collection site. Contact your local distributor/dealer or municipality for the location of the nearest collection site. Before taking the container to the collection site:

1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
2. Make the empty, rinsed container unsuitable for further use.

If there is no container collection site in your area, dispose of the container in accordance with provincial requirements.

For information on 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 the 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.

Purchase of this material does not confer any rights under patents of countries outside Canada.
16279-20090311

(Booklet)

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Phoenix, Arizona 85018 USA
Phone: (602) 889-8397

Cancellation Date For Cancelled Uses with an Extended Phase Out Period

Crops	Last date of use
Chokecherries (fall seeded plantings), Dill, Coriander, Caraway, Celery, Sweet white lupins	5 November 2024

PRECAUTIONS:

- **KEEP OUT OF REACH OF CHILDREN.**
- May irritate eyes, nose, throat and skin.
- Avoid breathing spray mist.
- Avoid contact with skin, eyes and clothing.
- Apply only to agricultural crops when the potential for drift to areas of human habitation and human activity such as houses, cottages, schools and recreational areas is minimal. Take into consideration wind speed, wind direction, temperature inversions, application equipment, and sprayer settings.
- Wear chemical-resistant coveralls over a long-sleeved shirt, long pants, chemical-resistant gloves, socks, and chemical-resistant footwear, during mixing/loading, clean-up and repair. Wear cotton coveralls over a long-sleeved shirt, long pants, chemical-resistant gloves, socks, and chemical-resistant footwear during application. Gloves are not required during application within a closed cab.
- Closed mixing/loading systems are required. A closed system means removing a pesticide from its original container, rinsing, mixing, diluting, and transferring the pesticide through connecting hoses, pipes, and couplings that are sufficiently tight to prevent exposure of any person to the pesticide or rinsing solution. Rinsing is not required when using the pesticide without dilution.
- During application, use a closed cab that provides both a physical barrier and respiratory protection (such as dust/mist filtering and/or vapour/gas purification system). The closed cab must have a chemical-resistant barrier that totally surrounds the occupant and prevents contact with pesticides outside the cab.
- Limit the amount of product handled per day to [77 kg a.i.] per person for groundboom application when mixing, loading and applying. These restrictions are in place to minimize exposure to individual applicators. Application may need to be performed over multiple days or using multiple applicators.
- **DO NOT** enter or allow worker entry into treated areas during the restricted-entry interval REI(s) specified in the following tables.

Restricted-Entry Intervals for Uses with Continued Registration (carrots, parsnip, potato, asparagus, shelterbelts)

Crop	Post Application Activity	REI and/or PHI
Potatoes	All tasks	4 days
Asparagus	All tasks	4 days
Carrots	Scouting	8 days
	All other tasks	2 days
Parsnip	Harvesting	60 days
	Scouting	9 days
	All other tasks	2 days
Shelterbelts	All tasks	6 days

**Interim Restricted-Entry Intervals Uses with an Extended Phase Out Period
(chokecherries, dill, coriander, caraway, celery, sweet white lupins)**

Crop	Crop Stage	REI
Celery	Post-emergence	Scouting: 7 days All other activities: 4 days
Dill	Pre-emergence only	2 days
	Post-emergence only	Scouting: 9 days All other activities: 2 days
	Pre- and Post- emergence	Pre-emergent: 12 hrs Scouting: 7 days All other activities: 12 hrs
Coriander and Caraway	Post-emergence	Scouting: 6 days All other activities: 12 hrs
Sweet White Lupins	Pre-emergence	3 days
Chokecherries (fall seeded plantings)	Pre-emergence of seedlings	4 days

FIRST AID

IF INHALED:

Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably 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 OR CLOTHING:

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.

IF SWALLOWED:

Call a poison control centre or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person.

Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

TOXICOLOGICAL INFORMATION: Treat symptomatically.

ENVIRONMENTAL PRECAUTIONS

Toxic to aquatic organisms and non-target terrestrial plants. Observe spray buffer zones specified under DIRECTIONS FOR USE.

Toxic to birds.

Toxic to small wild mammals.

Toxic to certain beneficial arthropods (which may include predatory and parasitic insects, spiders, and mites). Minimize spray drift to reduce harmful effects on beneficial arthropods in habitats next to the application site such as hedgerows and woodland.

To reduce runoff from treated areas into aquatic habitats avoid application to areas with a moderate to steep slope, compacted soil, or clay.

Avoid application of this product when heavy rain is forecast.

Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative filter strip between the treated area and the edge of the water body.

IMPORTANT

Injury to or loss of desirable trees or other plants may result from failure to observe the following:

Do not apply (except as recommended for crop use), or drain or flush equipment on or near desirable trees or other plants, or on areas where their roots may extend, or in locations where the chemical may be washed or moved into contact with their roots. Do not use on lawns, walks, driveways, tennis courts, or similar areas.

Thoroughly clean all traces of LOROX L Herbicide from application equipment immediately after use. Flush tank, pump, hoses, and boom with several changes of water after removing nozzle tips and screens (clean these parts separately.)

DIRECTIONS FOR USE

LOROX L Herbicide should be used only in accordance with recommendations on this label.

LOROX L Herbicide is a liquid suspension to be mixed in water and applied as a spray for selective control of annual weeds. It is noncorrosive to equipment, non-volatile, and non-flammable. LOROX L Herbicide selectively controls annual weeds such as:

Grasses

crabgrass
green foxtail
yellow foxtail
witchgrass
barnyard grass¹

Broadleaf weeds

chickweed
goosefoot
knotweed
lamb's-quarters
redroot pigweed
purslane
common ragweed
shepard's purse
smartweed

stinkweed (pennycress)
annual sowthistle
wild buckwheat
wormseed mustard
velvetleaf¹

¹ partial control

For weeds controlled in cereals, refer to the cereals section of the label.

NOTE:

LOROX L Herbicide will not control established perennial weeds.

LOROX L Herbicide will not control triazine-resistant weeds in the above list. LOROX L Herbicide will not control Powell's pigweed (*Amaranthus powellii*)

As this product is not registered for the control of pests in aquatic systems, DO NOT use to control aquatic pests.

DO NOT contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

Field sprayer application: DO NOT apply during periods of dead calm. Avoid application of this product when winds are gusty. DO NOT apply with spray droplets smaller than the American Society of Agricultural Engineers (ASAE S572.1) medium classification. Boom height must be 60 cm or less above the crop or ground.

DO NOT apply by aerial application equipment.

DO NOT apply using right-of-way sprayers or handheld equipment.

SPRAY BUFFER ZONES

Use of low-clearance hooded or shielded sprayers that prevent spray contact with crop, fruit or foliage do not require a spray buffer zone.

The spray buffer zones specified in the table below are required between the point of direct application and the closest downwind edge of sensitive terrestrial habitats (such as grasslands, forested areas, shelterbelts, woodlots, hedgerows, riparian areas and shrub lands), sensitive freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs and wetlands) and estuarine/marine habitats.

Spray Buffer zones for uses with continued registration (carrots, parsnip, potato, asparagus, shelterbelts)

Method of Application	Crop	Spray Buffer zones (metres) required for the protection of:				
		Freshwater habitat of depths:		Estuarine/marine habitat of depths:		Terrestrial habitat:
		Less than 1 m	Greater than 1 m	Less than 1 m	Greater than 1 m	
Field sprayer	Potatoes, shelterbelts	5	1	1	1	4
	Carrots, parsnips	4	1	1	1	3
	Asparagus	5	1	1	1	3

Spray Buffer zones for cancelled uses with an extended phase out period (chokecherries, dill, coriander, caraway, celery and sweet white lupins)

Method of Application	Crop	Spray Buffer zones (metres) required for the protection of:				
		Freshwater habitat of depths:		Estuarine/marine habitat of depths:		Terrestrial habitat:
		Less than 1 m	Greater than 1 m	Less than 1 m	Greater than 1 m	
Field sprayer	Celery, chokecherries	5	1	1	1	3
	Coriander and caraway	3	1	1	1	2
	Sweet white lupins, dill	4	1	1	1	3

When tank mixes are permitted, consult the labels of the tank-mix partners and observe the largest (most restrictive) spray buffer zone of the products involved in the tank mixture and apply using the coarsest spray (ASAE) category indicated on the labels for those tank mix partners.

The spray buffer zones for this product can be modified based on weather conditions and spray equipment configuration by accessing the Spray Buffer Zone Calculator on the Pesticide portion of Canada.ca web site.

**GENERAL INFORMATION PREEMERGENCE USE:
(Carrots and Potatoes)**

Soil should be well prepared and as free as possible from trash and clods; plant seed to specified depth on flat or raised seedbeds or crop injury may result. Treatment provides control of annual weed seedlings. Sufficient moisture (usually 3-5 cm) in the form of rainfall or irrigation is necessary after treatment to carry the chemical into the root zone of germinating weeds; best results are obtained when this occurs within 7 to 10 days after application. If moisture is

insufficient to activate the chemical or if the soil becomes crusted before crop emerges, a shallow (2-4 cm) rotary hoeing should be made after emergence of row crops while weeds are small enough to be controlled by mechanical means; otherwise, avoid cultivating or disturbing the sprayed area. Do not cover treated band with soil while cultivating between rows.

NOTE: If unusually heavy rains follow application, severe injury to carrots and potatoes may result.

**POSTEMERGENCE USE:
(Carrots and Shelter Belts)**

Treatment provides contact kill of growing annual weeds, as well as control of germinating weed seedlings. Where addition of a surfactant to the spray mixture is recommended, dilute with 10 parts of water and add as the last ingredient to a nearly full tank.

USE RATES AND SOIL LIMITATIONS:

All dosages are expressed as broadcast rates. For band treatment, use proportionally less; for example, for 30 cm band on 90 cm row, use 1/3 of the broadcast rate. Where a range of dosage rate is given, use the lower rates on lighter soil (lower in clay or organic matter) and the higher rates on heavier soils. **DO NOT USE ON SANDY OR COARSE-TEXTURED SOILS LOW IN ORGANIC MATTER, AS CROP INJURY MAY RESULT.**

EQUIPMENT:

Use a fixed-boom sprayer properly calibrated to insure a constant rate of application. Openings in screens should be equal to or larger than 50 mesh. Agitate by mechanical or hydraulic means in the spray tank. If by-pass or return line is used, it should terminate at the bottom of the tank to minimize foaming.

REPLANTING:

If initial seeding of carrots, parsnips or potatoes fails to produce a stand, the same crop may be replanted in soil which has been treated with LOROX L Herbicide. Do not retreat field with a second application of LOROX L Herbicide. Thoroughly rework soil before replanting. With the exception of a stand failure as described above, do not plant carrots, parsnips and potatoes within 12 months of a previous application of LOROX L Herbicide. Do not replant treated areas to other crops within 4 months after last application (or as otherwise directed) as injury to subsequent crops may result.

CAUTION:

Do not graze the treated immature crops or cut for hay, sufficient data are not available to support such a use.

DO NOT APPLY BY AIR

RESISTANCE-MANAGEMENT RECOMMENDATIONS

For resistance management, Lorox L Herbicide is a Group 7 herbicide. Any weed population may contain or develop plants naturally resistant to Lorox L Herbicide and other Group 7 herbicides. The resistant biotypes may dominate the weed population if these herbicides are used repeatedly in the same field. Other resistance mechanisms that are not linked to site of action, but specific for individual chemicals, such as enhanced metabolism, may also exist. Appropriate resistance-management strategies should be followed.

To delay herbicide resistance:

- Where possible, rotate the use of Lorox L Herbicide or other Group 7 herbicides within a growing season (sequence) or among growing seasons with different herbicide groups that control the same weeds in a field.
- Use tank mixtures with herbicides from a different group when such use is permitted. To delay resistance, the less resistance prone partner should control the target weed(s) as effectively as the more resistance-prone partner.
- Herbicide use should be based on an Integrated weed management program that includes scouting, historical information related to herbicide use and crop rotation, and considers tillage (or other mechanical control methods), cultural (for example, higher crop seeding rates; precision fertilizer application method and timing to favour the crop and not the weeds), biological (weed competitive crops or varieties) and other management practices.
- Monitor weed populations after herbicide application for signs of resistance development (for example, only one weed species on the herbicide label not controlled). If resistance is suspected, prevent weed seed production in the affected area if possible by an alternative herbicide from different group. Prevent movement of resistant weed seeds to other fields by cleaning harvesting and tillage equipment when moving between fields and planting clean seed.
- Have suspected resistant weed seeds tested by qualified laboratory to confirm resistance and identify alternative herbicide options.
- Contact your local extension specialist or certified crop advisors for any additional pesticide resistance-management and/or integrated weed-management recommendations for specific crops and weed biotypes.
- For further information or to report suspected resistance, contact Tessengerlo Kerley at 1-800-525-2803.

SELECTIVE USE IN CROPS

POTATOES - Preemergence Application

Make a single broadcast application of LOROX L Herbicide at 2.25 – 3.7 L per ha (see paragraph on Soil Limitations) after planting (at least 5 cm deep) but before crop emerges. Use sufficient water (300 L per ha) to cover the ground evenly. If beds are to be "dragged" and/or "hilled", apply after the final "dragging" or "hilling" operation. Apply before emerged grasses are 5 cm tall and before broadleaf weeds are 15 cm tall. Do not apply after the potatoes have emerged. Use high rates of LOROX L Herbicide for grass control.

POTATOES (Eastern Canada only)

LOROX L Herbicide Plus DUAL* MAGNUM* or DUAL* II MAGNUM*

LOROX L Herbicide plus DUAL* MAGNUM* or DUAL* II MAGNUM* is recommended for use in potatoes as a preemergence tank mix or split application treatment for the control of many annual broadleaf weeds and grasses. American nightshade is controlled. Yellow nutsedge is controlled by the split application.

RATES OF USE:

Apply 1.9 – 2.3 L/ha LOROX L Herbicide and 1.25 - 1.75 L/ha DUAL* MAGNUM* or DUAL* II MAGNUM* for all treatments.

Preemergence: Apply a tank mix in 70 to 135 L of water per ha.

Split Application: Apply DUAL* MAGNUM* or DUAL* II MAGNUM* pre-plant incorporated followed by LOROX L Herbicide preemergence.

Apply as a band or broadcast treatment before crops and weeds emerge.

Carefully follow the instructions for incorporation on the DUAL* MAGNUM* or DUAL* II MAGNUM* label.

NOTE: Do not use the LOROX L Herbicide plus DUAL* MAGNUM* or DUAL* II MAGNUM* tank mix on the potato variety Superior. Do not use DUAL* MAGNUM* or DUAL* II MAGNUM* on muck, peat muck or high organic matter soils. Do not use on sandy or coarse textured soil, low in organic matter. Do not soil incorporate tank mixtures of LOROX L Herbicide and DUAL* MAGNUM* or DUAL* II MAGNUM*. Do not use at ground crack if potatoes have emerged.

ASPARAGUS:

Preemergence Application - Make a single application of LOROX L Herbicide at 3.4 L/ha immediately after the first discing, before asparagus emerges. Use sufficient water (300 L/ha) to cover the ground evenly. Treatment may be repeated after the last cutting.

CARROTS:

Preemergence Application - Make a single application of 1.1 to 2.25 L in 225-335 L water per ha of ground actually sprayed. Apply as a band or broadcast spray after planting (at least 1 cm deep) but before carrots emerge. See paragraph on Soil Limitations.

NOTE: Crop injury may result from preemergence application of the higher rate.

Postemergence Application - For carrots NOT treated preemergence, make a single application of LOROX L Herbicide as a non-directed spray when carrots have two or more fully developed true leaves (8 to 15 cm tall). Use 2.25 L in 225 to 335 L water per ha of ground actually sprayed. Use this rate on small seedling weeds and on larger established weeds. Apply before annual grasses exceed 5 cm in height and before broadleaf weeds exceed 15 cm in height. Use nozzle pressure of 175-275 kPa; do not exceed 275 kPa as crop injury may result. Do not apply LOROX L Herbicide as a tank mixture with herbicidal oil or with a surfactant, nor when temperatures exceed 32°C, as crop injury may result.

Combination Pre Plus Postemergence Application - Make a preemergence application of LOROX L Herbicide at 1.25 L per ha and follow with a postemergence application of 2.25 L per ha provided treatments are at least 2 weeks apart. Shorter time intervals between applications may result in injury to the crop. Observe limitations detailed above for pre and postemergence use in carrots.

NOTE: If unusually heavy rains follow application, severe injury may result.

PARSNIP (plant seed at least 1.3 cm deep):

Preemergence Application: Apply LOROX® L Herbicide as a band or broadcast application after planting, at a rate of 1.3 – 1.9 L/ha on loam or clay soil with low organic matter, or at a rate of 1.9 – 2.5 L/ha on muck or clay soil with medium organic matter.

Postemergence Application: Apply 1.9 – 2.5 L /ha when crop has 2 or more fully developed leaves. Use lower rates on small seedling weeds and the higher rates on established weeds. Apply LOROX® L Herbicide in a water volume of 220-440 L water/ha. Apply before annual grasses exceed 5 cm in height and before broadleaf weeds exceed 15 cm. During hot, dry weather, spray in cool part of the day to avoid injury. Nozzle pressure must not exceed 275 kPa (40 psi) as crop injury may result. LOROX® L Herbicide may be applied after carrot oil provided treatments are at least 1 day apart. Carrot oil may be applied following LOROX® L Herbicide, ALLOWING A 2 WEEK INTERVAL between LOROX® L Herbicide and carrot oil. Shorter intervals may cause crop damage. DO NOT TANK MIX LOROX® L Herbicide WITH HERBICIDE OIL OR SURFACTANTS.

Preemergence Plus Post Emergence: Apply a maximum of 1.25 L/ha pre-emergence followed by a maximum of 1.9 L/ha post emergence. These treatments must be a LEAST 2 weeks apart or crop injury may result. NEVER apply more than these two applications per season and do not use higher rates. Observe instructions for both pre-emergence and post-emergence use carefully before using.

Do not apply within 60 days of harvest.

CELERY:

Postemergence Application: Apply 1.9 – 3.5 L/ha to transplants as soon as new growth has started. Some temporary discolouration may occur. See paragraph on Soil Limitations.

SWEET WHITE LUPINS:

Apply Lorox L Herbicide at 2.1 - 3.1 L/Ha as a broadcast spray after planting (at least 5 cm deep) but before lupins emerge. Use the lower rate on light coloured soils with less than 2 % organic matter. Do not spray after lupins have emerged. Refer to the section on "Selective Use In Crops" for more information on preemergence use, soil limitations and replanting. Do not harvest lupins within 80 days of treatment.

CHOKECHERRIES (Fall Seeded Plantings)

For control of annual broadleaved weeds and annual grasses, apply LOROX L Herbicide at 3.5 L/ha in 215 L of water per hectare. Apply in the fall after the crop has been seeded.

SHELTER BELTS IN WESTERN CANADA

(Caragana, green ash, Siberian elm, American elm, Boxelder, Poplar, Willow, White spruce, Colorado spruce and Scotch Pine)

Make a single application of LOROX L Herbicide at 4.5 L/ha. Apply only on stock planted for at least one year as a directed spray under the trees and bushes before weeds are 10 cm high and before buds open in the spring.

**TO USER: READ THE FOLLOWING BEFORE USING THIS PRODUCT
FOR SPECIAL USE APPLICATIONS:**

The DIRECTIONS FOR USE for the uses described in this section of the label were developed by persons other than Tessenderlo Kerley Inc. under the User Requested Minor Use Label Expansion program. For these uses, Tessenderlo Kerley Inc. has not fully assessed performance (efficacy) and/or crop tolerance (phytotoxicity) under all environmental conditions or for all crop varieties when used in accordance with the label. The user should test the product on a small area first, under local conditions and using standard practices, to confirm the product is suitable for widespread application.

CORIANDER and CARAWAY:

POSTEMERGENCE: Apply 1.25 – 1.66 L/ha for control of wild mustard. Make only one application per year. Apply to coriander and caraway in the 2 to 4 leaf stage of growth; apply to wild mustard when in the cotyledon to 4-leaf stage.

Apply in a spray volume of 100 L water/ha. Do not apply within 60 days of harvest.

Refer to other sections of this label for additional application instructions, soil limitations and/or use precautions.

DILL (plant seed at least 1.3 cm deep):

PREEMERGENCE: Apply LOROX® L Herbicide as a band or broadcast application after planting, at a rate of 1.3 – 1.9 L/ha on loam or clay soil with low organic matter, or at a rate of 1.9 – 2.5 L/ha on muck or clay soil with medium organic matter.

POSTEMERGENCE: Apply 1.9 – 2.5 L /ha when crop has 2 or more fully developed leaves. Use lower rates on small seedling weeds and the higher rates on established weeds. Apply LOROX® L Herbicide in a water volume of 220-440 L water/ha. Apply before annual grasses exceed 5 cm in height and before broadleaf weeds exceed 15 cm. During hot, dry weather, spray in cool part of the day to avoid injury. Nozzle pressure must not exceed 275 kPa (40 psi) as crop injury may result.

LOROX® L Herbicide may be applied after carrot oil provided treatments are at least 1 day apart. Carrot oil may be applied following LOROX® L Herbicide, ALLOWING A 2 WEEK INTERVAL between LOROX® L Herbicide and carrot oil. Shorter intervals may cause crop damage. DO NOT TANK MIX LOROX® L Herbicide WITH HERBICIDE OIL OR SURFACTANTS.

PREEMERGENCE Plus POST EMERGENCE: Apply a maximum of 1.25 L/ha pre-emergence followed by a maximum of 1.90 L/ha post emergence. These treatments must be a **LEAST 2 weeks** apart or crop injury may result. **NEVER** apply more than these two applications per season and do not use higher rates. Observe instructions for both pre-emergence and post-emergence use carefully before using.

Do not apply within 60 days of harvest.

If initial stand of dill fails to produce a stand, **DO NOT** replant dill in soil treated with Lorox L Herbicide.

Refer to other sections of the label for additional application instructions and/or use precautions.

SHORT ROTATION INTENSIVE CROP POPLAR IN WESTERN CANADA:

Make a single application of LOROX L Herbicide at 4.5 L/ha in 225-450 L water/ha. Apply only on stock planted for at least one year as a directed spray under the trees and bushes before weeds are 10 cm high and before buds open in the spring.

Maximum Application Rates and Use Scenarios for Uses with Continued Registration (carrots, parsnip, potato, asparagus, shelterbelts)

Site/Crop	Maximum Rate (kg a.i./ha)	Application Timing	Number of Applications Per Year	Interval Between Applications
Potatoes	1.78	Pre-emergence	1	N/A
Asparagus	1.63	a. Pre-emergence only OR b. Post-harvest only	1	N/A
Carrots	1.08	a. Pre-emergence only OR b. Post-emergence only	1	N/A
	0.6 (pre) 1.08 (post)	OR c. Pre- and Post-emergence	1 (pre) and 1 (post)	14 days
Parsnip	1.2	a. Pre-emergence only OR b. Post-emergence only	1	N/A
	0.6 (pre) 0.9 (post)	OR c. Pre- and Post-emergence	1 (pre) and 1 (post)	14 days
Shelterbelts	2.16	Pre-emergent (dormant stage) Apply as a directed spray under trees at least 1 year old, before weeds are 10 cm high, avoid contact with foliage	1	N/A

Maximum Application Rates and Use Scenarios for Uses with Continued Registration (carrots, parsnip, potato, asparagus, shelterbelts)

Site/Crop	Maximum Rate (kg a.i./ha)	Application Timing	Number of Applications Per Year	Interval Between Applications
Celery	1.68	Post-emergence	1	N/A
Dill	1.20	a. Pre-emergence only OR b. Post-emergence only	1	N/A
	0.6 (pre) 0.9 (post)	OR c. Pre- and Post-emergence	1 (pre) and 1 (post)	14 days
Coriander and Caraway	0.80	Post-emergence	1	N/A
Sweet White Lupins	1.49	Pre-emergence	1	N/A
Chokecherries (fall seeded plantings)	1.70	Pre-emergence of seedlings	1	N/A

STORAGE: Store this product away from food or feed.

DISPOSAL:

For recyclable containers

DO NOT reuse this container for any purpose. This is a recyclable container, and is to be disposed of at a container collection site. Contact your local distributor/dealer or municipality for the location of the nearest collection site. Before taking the container to the collection site:

1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
2. Make the empty, rinsed container unsuitable for further use.

If there is no container collection site in your area, dispose of the container in accordance with provincial requirements.

For information on 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 the 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.

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