

(Container label)

GROUP	7	HERBICIDE
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LOROX[®] L
HERBICIDE

LIQUID SUSPENSION

AGRICULTURAL
READ THE LABEL AND ATTACHED BROCHURE BEFORE USING

NET CONTENTS: 10 L

REGISTRATION NO. 16279 PEST CONTROL PRODUCTS ACT

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

Tessenderlo Kerley Inc.
2255 44th Street – Suite 300
Phoenix, AZ 85008-3279
USA
1-800-525-2803

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.

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.

FIRST AID

INHALATION:

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.

EYE CONTACT:

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.

DISPOSAL:

1. Triple-or-pressure-rinse the empty 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 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. The user assumes the risk to persons or property that arises from any such use of this product.

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

(Booklet)

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

TOXICOLOGICAL INFORMATION: Treat symptomatically.

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. Prevent drift of spray to desirable plants. Do not contaminate any body of water. Keep from contact with fertilizers, insecticides, fungicides, and seeds.

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*)

GENERAL INFORMATION

PREEMERGENCE USE:

(Field Corn, Soybeans, Carrots, Asparagus, 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 field corn, soybeans, carrots, and potatoes may result.

POSTEMERGENCE USE:

(Field Corn, Carrots, Wheat, Oats, Barley, Fruit Trees 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 soybeans, carrots, or potatoes fails to produce a stand, the same crop may be replanted in soil treated with LOROX L Herbicide. Thoroughly rework soil before replanting. Do not retreat field with a second application of LOROX L Herbicide as injury to the crop may result. 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 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.
- Herbicide use should be based on an IPM program that includes scouting, historical information related to herbicide use and crop rotation, and considers tillage (or other mechanical), cultural, biological and other chemical control practices.
- Monitor treated weed populations for resistance development.
- Prevent movement of resistant weed seeds to other fields by cleaning harvesting and tillage equipment and planting clean seed.

- 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

Seedling Asparagus (Western Canada Only):

For control of broad-spectrum weeds in seedling asparagus, make one application of LOROX L Herbicide at 2.08 – 4.17 L/ha plus Gramoxone* Liquid Herbicide (200 g/L) at 2.5 L/ha. This tank mix is to be applied preemergence of asparagus seedlings in the first season (dormant application) in Western Canada only.

FIELD CORN – Preemergence Application

LOROX L Herbicide Plus PRIMEXTRA* II MAGNUM* for Triazine-Resistant Lamb's quarters and Triazine-Resistant Redroot Pigweed

Make a single application of LOROX L Herbicide plus PRIMEXTRA* II MAGNUM* as a band or broadcast spray after planting (at least 5 cm deep) but before corn emerges. Do not spray over top of corn. Do not follow treated corn with sugar beets, tobacco or vegetables in rotation. Prior to replanting any crop following treated corn, thorough seedbed preparation including fall or spring ploughing is recommended.

RATES TO USE:

Apply 0.8 – 1.5 L LOROX L Herbicide with 3.0 – 4.0 L PRIMEXTRA* II MAGNUM* in 225-335 L of water per hectare. Use the lower rate on light coloured soils low in organic matter (less than 2%). Use the higher rate on dark soils with up to 7% organic matter. Please consult the PRIMEXTRA* II MAGNUM* label for list of additional weed species controlled by this product.

REPLANTING:

Fields treated with a combination of LOROX L Herbicide and PRIMEXTRA* II MAGNUM* may be replanted to the same crop if initial seeding fails to produce a stand. Thoroughly rework soil before replanting. Do not re-treat field with a second application during the same crop year as injury to the crop may result. Do not replant treated areas to any crop other than corn within one year after application as injury to subsequent crops may result. In the Prairie Provinces and Interior British Columbia, corn must be planted the year following application. When extended periods of dry weather occur during the year of treatment, there can be some injury to succeeding crops. Please refer to the PRIMEXTRA* II MAGNUM* label for pertinent recommendations or restrictions on rotational crops.

FIELD CORN - DIRECTED POSTEMERGENCE APPLICATION:

For field corn NOT treated preemergence with LOROX L Herbicide, make a single application of LOROX L Herbicide as a directed spray after corn is at least 38 cm high (measured to the highest leaf surface of free standing plants). **DO NOT SPRAY OVER TOP OF CORN.** Treatment effectively controls nutsedge, crabgrass, and many other annual weeds, but is to be

applied only when there is sufficient differential between height of corn and weeds. Direct spray to thoroughly cover all weed foliage without contact of upper leaves or whorl of corn by spray or drift, as such contact may cause crop injury. Early application of 2,4-D (follow label directions) and/or early cultivation (rotary hoe or other suitable equipment) will aid in achieving proper differential between height of corn and weeds.

Use 2.4 - 4.5 L LOROX L Herbicide plus an oil-water emulsion (follow oil label directions carefully). Apply at low pressure, in 170-340 L water per hectare of ground actually sprayed. Use the lower rates when weeds do not exceed 5 cm in height: use the higher rates for weeds up to 20 cm in height, preferably before weeds are 12 cm high. Control of weeds under drought stress or over 20 cm in height is usually impractical.

NOTE: If a heavy rain follows immediately after application, this treatment may be ineffective. Do not apply within 60 days of harvest.

SOYBEANS - Use one of the following treatments

Preemergence Application - LOROX L Herbicide:

Apply LOROX L Herbicide as a band or broadcast spray after planting (at least 5 cm deep) but before soybeans emerge. Do not spray over top of soybeans. See paragraph on replanting under "Selective Use in Crops". Use the high rates of LOROX L Herbicide for ragweed and smartweed control.

BROADCAST APPLICATION

Soils Loam or Clay Types	Litres LOROX L Herbicide in 225-335 L Water per Hectare
Light Coloured – low organic matter (2% or less)	2.25 – 3.25 L
Dark Coloured – moderate organic matter (2 – 5%)	3.25 – 4.5 L

LOROX L Herbicide Following TREFLAN* EC - PPI Plus Preemergence Application

Apply TREFLAN* EC (trifluralin) preplant incorporated followed by LOROX L Herbicide preemergence. Follow directions closely on the TREFLAN* EC label (480 g/L). Make a single application of LOROX L Herbicide as a band or broadcast spray after planting (at least 5 cm deep) but before crop emerges.

Soils Loam or Clay Types	Apply in 225 – 335 L Water per Ha		
	Treflan EC	followed by	LOROX L Herbicide
Light Coloured – low organic matter (2% or less)	1.25 – 1.7 L	followed by	1.9 – 2.25 L
Dark Coloured – moderate organic matter (2-5%)	1.7 – 2.4 L	followed by	2.25 – 3.25 L

Band Treatment:

Use proportionately less; for example, for 30 cm band on 90 cm row, use 1/3 of the broadcast rate.

Soil Limitations:

Do not use on coarse-textured soils, low in organic matter, as crop injury may result.

SOYBEANS - Eastern Canada Only

LOROX® L Herbicide plus LEXONE* DF plus DUAL* MAGNUM* or DUAL* II MAGNUM*

PREEMERGENCE APPLICATION:

Mix LOROX® L Herbicide followed by LEXONE* DF and DUAL* MAGNUM* or DUAL* II MAGNUM* in the spray tank with water and apply as a band or broadcast spray after planting but before soybeans emerge. Read and carefully observe information on LEXONE* and DUAL* MAGNUM* or DUAL* II MAGNUM* labels.

RATES PER HECTARE					
Apply in 200-300 L water per ha					
SOIL TEXTURE ¹	LEXONE* DF	+	LOROX® L	+	DUAL* MAGNUM* or DUAL* II MAGNUM*
Lights Soils (sandy loam or loamy sand)	210 – 400 g	+	1.56 – 1.83 L	+	1.15 – 1.75 L
Medium Soils (loam, silt loam, sandy clay, sandy clay loam)	385 – 465 g	+	1.77 – 1.98 L	+	1.15 – 1.75 L

Heavy Soils (silty clay, clay, silty clay loam, clay loam)	465 – 550 g	+	1.82 – 2.08 L	+	1.15 – 1.75 L
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¹ Do not use on light textured soils with less than 2% organic matter. Use the lower rates for soil texture when organic matter is 2% - 4%, higher rates when organic matter is more than 4%.

LOROX® L HERBICIDE PLUS PURSUIT* HERBICIDE (240 g/L) OR PURSUIT* 70 DG HERBICIDE (Preemergent Application)

LOROX® L Herbicide may be tank mixed with PURSUIT* Herbicide (240 g/L) or PURSUIT* 70 DG Herbicide to provide a broader spectrum of weed control. Follow the rates, recommendations, precautions and restrictions on the PURSUIT* Herbicide (240 g/L) or PURSUIT* 70 DG Herbicide label. DO NOT APPLY BY AIR.

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 soybeans as a preemergence tank mix or split application treatment for the control of many annual broadleaved 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 1.15 - 1.75 L/ha DUAL* MAGNUM* or DUAL* II MAGNUM* for all treatments.

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

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 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 incorporate tank mixes of LOROX L Herbicide and DUAL* MAGNUM* or DUAL* II MAGNUM*.

SPRING WHEAT, OATS, BARLEY

LOROX L Herbicide Plus MCPA

Make a single application of LOROX L Herbicide in combination with MCPA as a tank mix. Apply at the 2 to 4 leaf stage of cereals. Initial temporary lightening of the crop colour may be observed. Later spraying reduces crop tolerance and weed control. Early application is important

to avoid crop injury, especially to barley. MCPA amine is registered for use on spring wheat, oats and barley. MCPA potassium salt is registered for use on spring wheat and barley only.

RATE OF APPLICATION PER HA

Use 100 L Water/Ha at 200-275 kPa				
LOROX L Herbicide	+	MCPA Amine (500 g/L)	or	MCPA potassium salt (400 g/L)
425 – 550 mL	+	0.85 – 1.1 L	or	1.0 – 1.4 L

Use the lower rate when growing conditions and rainfall are above average. 10 Litres of LOROX L will treat 18-23 ha depending on rate chosen.

TREATMENT:

Treatment is recommended for control of certain annual weeds in spring wheat, oats and barley. Barley may suffer some growth suppression, maturity delay and yield reduction, but these would be more than offset if the weed infestation is heavy. Application at the 1 to 4-leaf stage will control top growth of Canada thistle and annual weeds such as tartary buckwheat, wild buckwheat, cow cockle, flixweed, hemp-nettle, green smartweed, corn spurry, lady's thumb, stinkweed, stork's-bill, redroot pigweed, lamb's-quarters, chickweed, shepherd's purse and ragweed. When applied at the 1-3 leaf stage of green foxtail, suppression may be obtained. Some annual weeds, such as barnyard grass, cleavers, Russian thistle and wild oat, and perennial weeds, such as bindweed and quackgrass are not controlled.

APPLICATION INSTRUCTIONS:

Mix the proper amount of LOROX L Herbicide into the necessary volume of water in the spray tank with the agitator running. For a tank mixture, slowly add the required amount of MCPA as the last ingredient to the spray tank. Continuous agitation in the spray tank is required. Avoid overlapping, and shut off spray boom while starting, turning, slowing or stopping, or injury to the crop may result.

Ensure that the sprayer is equipped with 50 mesh line strainers and screens. Stainless steel or hardened stainless steel nozzles are recommended.

The sprayer pump must be of sufficient capacity to supply adequate agitation through the bypass or jet agitator, which should terminate in the bottom of the tank. The Hypro C6400 (6 roller) nylon roller pump generally will not supply sufficient agitation and nozzle output.

The Hypro C7700 (7 roller) nylon roller pump usually has sufficient capacity to apply 100 L/ha and keep the material in the sprayer in suspension. The ideal pumps are the Hypro C1700 (5 roller) Teflon roller pump and the Hypro C1500 (6 roller) pump.

NOTE: Do not use when crops are under drought stress. Do not use when crop is underseeded to forage crops. Do not graze or feed green plants to livestock. Do not treat field with a second application of LOROX L Herbicide during the same year as crop injury may result.

POTATOES - Preemergence Application

Make a single broadcast application of LOROX L Herbicide at 2.25 to 4.5 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 to 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 to 4.5 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 3.4 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 to 4.5 L in 225 to 335 L water per ha of ground actually sprayed. Use the lower rate on small seedling weeds and the higher rate 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 1.1 to 2.25 L per ha and follow with a postemergence application of 2.25 to 4.5 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 – 4.7 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 1.9 L/ha pre-emergence followed by a maximum of 2.5 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 – 4.7 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.

FRUIT TREES

(Peach, Apple, Pear, Plum, Cherry)

Make a single application of 9 L of LOROX L Herbicide per ha plus a surfactant in 400 to 600 L water per ha of ground actually sprayed. Apply as a directed spray under the trees before weeds are 10 cm high. Avoid contact of fruit, foliage, and green bark with spray or drift as injury to the trees may result. Use only where trees have been established in the orchard for at least 10 years (1 year in the case of peach trees).

CHOCKECHERRIES (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.

SASKATOON BERRIES (Established Plantings)

For the control of annual broadleaved weeds and annual grasses in Saskatoon berry plantings established for at least one year, apply LOROX L Herbicide at 4.2-6.3 L/ha in 225-325 L water per hectare. Apply in the fall or early spring as a directed spray to uniformly cover the soil surface and emerged weeds without contacting the crop foliage. Use the lower rate on coarse textured soils with 2% or less organic matter. Do not apply within 50 days of harvest. Do not apply more than once per season.

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.

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

The DIRECTIONS FOR USE for this product for the uses described below were developed by persons other than Tessenderlo Kerley Inc. and accepted for registration by Health Canada under the User Requested Minor Use Label Expansion program. Tessenderlo Kerley Inc., itself makes no representation or warranty with respect to product performance (efficacy) and crop tolerance (phytotoxicity) of this product when used on the crops listed below. Accordingly, the User assumes all risks related to performance and crop tolerance arising, and agrees to hold Tessenderlo Kerley Inc. harmless from any claims based on efficacy or phytotoxicity in connection with these uses.

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 – 4.7 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 1.9 L/ha pre-emergence followed by a maximum of 2.5 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.

SWEET CORN:

LOROX® L Herbicide plus DUAL* II MAGNUM : For control of labeled weed species, a pre-emergent application of LOROX L Herbicide at 0.80 – 1.56 L/ha with DUAL* II MAGNUM at 1.25 L/ha may be applied to sweet corn. Apply the tank mixture pre-emergent to the crop in a minimum of 150 litres of water per hectare using ground equipment. Do not apply by air. Make one application per year only.

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.

DISPOSAL:

1. Triple-or-pressure-rinse the empty 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 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. The user assumes the risk to persons or property that arises from any such use of this product.

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