

2024-08-08
2023-3765

(Container Label)



GROUP	5	HERBICIDE
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Lexone™ DF Herbicide
Dispersible Granules

FOR SALE FOR USE ON SOYBEANS, POTATOES, BARLEY, WHEAT, TOMATOES, FABA BEANS, PEAS (WESTERN CANADA), ASPARAGUS, FRUIT TREES, LENTILS (WESTERN CANADA) ONLY

COMMERCIAL (AGRICULTURAL)

READ THE LABEL AND ATTACHED BROCHURE BEFORE USING

ACTIVE INGREDIENT: Metribuzin 75%

REGISTRATION NO. 15959 PEST CONTROL PRODUCTS ACT

KEEP OUT OF REACH OF CHILDREN

NET CONTENTS: 2.5KG

Corteva Agriscience Canada Company

Suite 240, 115 Quarry Park Rd. SE

Calgary, AB

T2C 5G9

1-800-667-3852

™Trademark of Corteva Agriscience and its affiliated companies.

PRECAUTIONS

- **KEEP OUT OF REACH OF CHILDREN.**
- May be harmful if inhaled or swallowed.
- Avoid breathing dust or spray mist.
- Wear goggles when handling.
- Avoid contact with skin, eyes, and clothing.
- May irritate skin and eyes.
- Wash thoroughly with soap and warm water after handling.
- Wash contaminated clothing with soap and hot water before re-use.
- Mixers, loaders, applicators, spray tank cleaners and other handlers must wear chemical resistant gloves, long-sleeved shirt, long pants, socks and shoes.
- Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Users should remove personal protective equipment immediately after handling this product. Wash the outside of the gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.
- Wear long pants, a long-sleeved shirt and chemical-resistant gloves during mixing/loading, clean-up and repair activities.
- DO NOT apply by air.

FIRST AID

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

If swallowed: Call a poison control centre or doctor immediately for treatment advice. 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.

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 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.

TOXICOLOGICAL INFORMATION: Treat symptomatically.

ENVIRONMENTAL PRECAUTIONS: Observe spray buffer zones specified under DIRECTIONS FOR USE.

STORAGE

Store this product away from food or feed. Store product in original container in a secure, dry area away from other pesticides, fertilizer, food or feed. Not for use or storage in or around the home. Keep container tightly closed.

DISPOSAL

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/ territorial requirements.

For information on disposal of unused, unwanted product, contact the manufacturer or the provincial/ territorial regulatory agency. Contact the manufacturer and the provincial/ territorial regulatory agency in case of a spill, and for clean-up of spills.

NOTICE TO USER

This control product is to be used only in accordance with the directions on this label. It is an offence under the *PEST CONTROL PRODUCTS ACT* to use a control product under unsafe conditions.

(Booklet)



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TOXICOLOGICAL INFORMATION: Treat symptomatically.

ENVIRONMENTAL PRECAUTIONS:

Observe spray buffer zones specified under DIRECTIONS FOR USE.

This product demonstrates the properties and characteristics associated with chemicals detected in groundwater. The use of this product in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

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 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. Prevent drift of dry powder or spray to desirable plants. Do not contaminate any body of water.

Thoroughly clean all traces of Lexone™ DF 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). Wash away any spray mixture from the outside of spray tank, nozzle or spray rig.

NOTE: Do not use on muck soil or subsequent crops may be injured.

Rotation crops such as onions, celery, peppers, cole crops, lettuce, spinach, sugar beets, table beets, turnips, pumpkin, squash, cucumbers, melons, tobacco, and canola are sensitive to Lexone DF Herbicide and may be injured if planted in Lexone DF Herbicide treated soil both during the year of application and the following crop year.

Applications of Lexone DF Herbicide made at rates above those recommended may result in burning, yellowing or stunting of the crop. If heavy rains occur soon after application, plant injury may result, especially in poorly drained areas where water may stand for several days.

Uneven application such as swath overlapping, variable tractor speed, spraying on turns, etc., may result in crop injury and increase chance of injury to rotation crops.

GENERAL INFORMATION

Lexone DF Herbicide should be used only in accordance with recommendations on this label, or in separate published Corteva Agriscience Canada Company recommendations available through local dealers.

Lexone DF Herbicide is a dry flowable granule. It is recommended for use as a spray for selective control of certain grasses and broadleaf weeds in soybeans, potatoes, tomatoes, faba beans, peas (Western Canada), asparagus, fruit trees and certain weeds in spring wheat (Western Canada only), spring barley (Western Canada only), and lentils (Western Canada only). It is non-corrosive to equipment, non-flammable and non-volatile.

WEEDS CONTROLLED

When used as directed in Eastern Canada and B.C., Lexone DF Herbicide controls the following grasses and weeds:

GRASS WEEDS

Crab grass
Yellow foxtail
Cheat grass

Giant foxtail
Fall panicum
Witch grass

Green foxtail
Johnson grass (seedling)
Barnyard grass (Partial control)

BROADLEAF WEEDS

Common chickweed
Dandelion (seedling)
Lamb's-quarters
Wild Mustard
Redroot pigweed
Common ragweed
Shepherd's-purse
Prickly mallow

Lady's-thumb
Yellow wood-sorrel
Velvetleaf
Green smartweed
Jimsonweed
Russian thistle
Prostrate pigweed

For weeds controlled in Manitoba, Saskatchewan and Alberta, see crop use instructions. Additional weeds may be controlled when Lexone DF Herbicide is used with other herbicides recommended on this label.

DIRECTIONS FOR SELECTIVE USE IN CROPS

PREEMERGENCE USE

Soil should be well prepared and as free as possible from trash and clods; plant seed to specific depth on flat or raised seedbeds or crop injury may result. Moisture is necessary to activate this herbicide; best results are obtained if treatment is made to moist soil and moisture is supplied by rainfall or irrigation (0.5-1.0 cm) within two weeks after application. Do not apply a heavy irrigation immediately after application. If moisture is insufficient to activate the chemical or if the soil becomes crusted before crop emerges (7 to 10 days), a shallow rotary hoeing should be made before weeds become established; otherwise, avoid cultivating or disturbing the sprayed area. Do not cover treated bank with soil while cultivating between rows. The degree of control and duration of effect will vary with the amount applied, soil texture, rainfall and other conditions.

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

PREPLANT INCORPORATED (PPI) HERBICIDES WITH LEXONE DF

Herbicides recommended on this label for PPI application may not be used on peat, muck or other organic soils or on wet soils (mineral or organic) or on soils in poor working condition or on soils subject to prolonged periods of flooding. Apply with a tractor-mounted, fixed-boom sprayer properly calibrated to a constant speed and rate of delivery. Do not over-apply; misapplication or improper soil incorporation can result in erratic weed control or crop injury. Seedling disease, cold weather, deep planting (more than 5 cm), excessive moisture, high soil pH (above 7.5), high salt concentration, or drought may weaken seedlings and increase possibility of crop injury. Under these conditions delayed crop development or reduced yields may occur. Read and carefully follow incorporation instructions on all recommended herbicide labels.

USE RATES AND SOIL LIMITATIONS

All dosages are expressed as broadcast rates. For band treatments, 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 rates is given, use the lower rate on lighter soils (low in clay or organic matter) and the higher rates on heavier soils. Do not use on sand as crop injury may result. Do not use on sandy or coarse textured soils with less than 2% organic matter.

EQUIPMENT

Use a fixed-boom power spray properly calibrated to ensure a constant rate of application. Opening 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 bottom of tank to minimize foaming.

MIXING INSTRUCTIONS

When mixing Lexone DF Herbicide with other herbicides, use the following mixing order:

1. Dry Flowable formulations; ensure that all granules and water soluble packaging (if applicable) are dissolved before proceeding
2. Liquid formulations
3. Emulsifiable Concentrates

SPRAY PREPARATION

Fill tank 1/4 full with water. Start agitation system and add Lexone DF Herbicide and continue adding water. Ensure Lexone DF Herbicide has thoroughly dissolved before adding additional components of any tank mix. Additional components of any tank mix must be added separately while adding water (follow mixing instructions above). If a surfactant is used, add it last when the tank is nearly full. Continue agitation throughout. If poor mixing should occur with any component, pre-mix the component with two parts water before adding to the spray tank.

Do not mix, load or apply within 15 metres of all wells. Make scheduled checks of spray equipment. Mix only enough product for the job at hand. Avoid overfilling of spray tank.

NOTE:

Fall seeded or cover crops such as oats, and rye may be injured when seeded within the same season as the application of Lexone DF Herbicide. Post-harvest tillage practices that provide thorough mixing of the soil may be helpful in reducing the chance of injury to succeeding crops.

USER REFERENCE

Label rates quoted on this label are listed below with reference to the number of 2.5 kg jugs needed for each rate to spray on a specified number of hectares or multiples thereof. If using 5 kg package size, divide number of containers listed below by 2.

NUMBER OF 2.5 kg JUGS

LABEL RATES	NUMBER OF HECTARES				
	1.0	16.2	25	50	100
270 g/ha	1.0	1.7	2.7	5.4	10.8
280 g/ha	1.1	1.8	2.8	5.6	11.2
320 g/ha	1.3	2.0	3.2	6.4	12.8
350 g/ha	1.4	2.3	3.5	7.0	14.0
400 g/ha	1.6	2.6	4.0	8.0	16.0
425 g/ha	1.7	2.8	4.25	8.5	17.0
540 g/ha	2.1	3.5	5.4	10.8	21.6
550 g/ha	2.2	3.6	5.5	11.0	22.0
640 g/ha	2.5	4.1	6.4	12.8	25.6
700 g/ha	2.8	4.5	7.0	14.0	28.0
770 g/ha	3.0	5.0	7.7	15.4	30.8
830 g/ha	3.3	5.4	8.3	16.6	33.2
960 g/ha	3.8	6.2	9.6	19.2	38.4
1.1 kg/ha	4.4	7.1	11.0	22.0	44.0
1.2 kg/ha	4.8	7.8	12.0	24.0	48.0
1.25 kg/ha	5.0	8.1	12.5	25.0	50.0
1.4 kg/ha	5.6	9.1	14.0	28.0	56.0
1.5 kg/ha	6.0	9.7	15.0	30.0	60.0

SOYBEANS (Eastern Canada)

Lexone DF Herbicide is recommended for use in soybeans:

- Preemergent to the crop.
- Preemergent to the crop tank mixed with Dual or Pursuit
- Preplant incorporated with Dual or Treflan followed by
- Lexone DF Herbicide preemergent.
- Preplant incorporated tank mixed with Treflan or Dual

Treatments provide partial control of giant ragweed and cocklebur. American and Eastern Black nightshade are controlled by Dual. Yellow nutsedge is controlled by Dual preplant incorporated at the high rate.

REPLANTING

If initial seeding of soybeans fails to produce a stand, the same crop may be replanted; do not rework soil. Do not retreat field with a second application as injury to the crop may result. Do not replant treated areas to any other crop within 4 months as injury to subsequent crops may result.

NOTE:

Do not use on Altona, Vansoy, Maple Amber, Ace or Nattawa soybeans as these varieties are sensitive to Lexone DF Herbicide and injury to the crop may result. Do not use treated vines for feed or forage. Injury to soybeans may occur if any Atrazine was applied on the soil the year before use of Lexone DF Herbicide.

PREEMERGENCE APPLICATION

Make a single application of Lexone DF Herbicide as a band or broadcast spray after planting (at least 4.5 cm deep) but before soybeans emerge. Do not spray over top of emerged soybeans. In areas of heavy weed pressure, use the higher Lexone DF Herbicide rate in the recommended range. In fields with variable soils, care should be taken to reduce treatment rate on sandy areas.

Lexone DF Herbicide Alone - Broadcast Treatment (Apply DF in 150-300 L water per ha)		
SOIL TEXTURE¹	2-4% Organic Matter	Over 4% Organic Matter
Medium Soils (Loam, silt loam, silt, sandy clay, sandy clay loam)	640-960 g	960 g-1.1 kg
Heavy Soils (Silty clay, silty clay loam, clay, clay loam)	1.1-1.25 kg	1.25-1.5 kg

¹Do not use on sandy or coarse textured soils with less than 2% organic matter as crop injury may result.

Tank Mixtures

This product may be tank mixed with a fertilizer, a supplement, or with registered pest control products, whose labels also allow tank mixing, provided the entirety of both labels, including Directions For Use, Precautions, Restrictions, Environmental Precautions, and Spray Buffer Zones are followed for each product. In cases where these requirements differ between the tank mix partner labels, the most restrictive label must be followed. Do not tank mix products containing the same active ingredient unless specifically listed on this label.

In some cases, tank mixing pest control products can result in reduced pesticide efficacy or increased host crop injury. The user should contact Corteva Agriscience Canada Company at 1-800-667-3852 or www.corteva.ca for information before applying any tank mix that is not specifically recommended on this label.

SOYBEAN TANK MIXES

LEXONE DF HERBICIDE and TREFLAN

PREPLANT INCORPORATED

Before planting, mix Lexone DF Herbicide with water and add Treflan as directed under "Spray Preparation and Mixing Instructions" above. Immediately incorporate into soil prepared according to the Treflan label.

Do not plant seed more than 5 cm deep.

TREFLAN (PPI) and LEXONE DF HERBICIDE (PRE)

Apply Treflan preplant incorporated followed by Lexone DF Herbicide preemergence. Follow directions on the Treflan label.

LEXONE DF HERBICIDE PLUS TREFLAN - RATES PER HECTARE (Apply in 150-300 L water per ha)			
SOIL TEXTURE¹	LEXONE DF Herbicide ²		TREFLAN
	PPI	PRE	
Medium Soils (Loam, silt loam, silt, sandy clay, sandy clay loam)	540 g	540-640 g	1.5 L
Heavy Soils (Silty clay, silty clay loam, clay, clay loam)	640 g	640-960 g	2.1 L

¹ Do not use on sandy or coarse textured soils with less than 2% organic matter as crop injury may result.

² Use the higher Lexone DF Herbicide rate on soils with more than 4% organic matter.

LEXONE DF HERBICIDE and DUAL

PREPLANT INCORPORATED

Mix Lexone DF Herbicide with water and add Dual as directed under "Spray Preparation and Mixing Instructions". Incorporate to a depth of 5 cm within 14 days of planting. Preplant incorporated treatment will control dominant infestations of nutsedge and/or annual grasses if higher rates of application are used.

PREEMERGENCE

Apply a tank mixture, prepared as above, as a band or broadcast spray during or after planting, before the weeds or crop have emerged.

SPLIT APPLICATION

Following preplant incorporation of Dual, apply Lexone DF Herbicide as a preemergence application.

LEXONE DF HERBICIDE PLUS DUAL - RATES PER HECTARE (Apply in 150-300 L water per ha)			
SOIL TEXTURE¹	LEXONE DF HERBICIDE		DUAL
	PPI	PRE ²	
Medium Soils (Loam, silt loam, silt, sandy clay, sandy clay loam)	540 g	540-640 g	1.75-2.75 L
Heavy Soils (Silty clay, silty clay loam, clay, clay loam)	640 g	640-960 g	1.75-2.75 L

¹ Do not use on sandy or coarse textured soils with less than 2% organic matter as crop injury may result.

² Use higher rate on soils with more than 4% organic matter.

LEXONE DF HERBICIDE plus LOROX L plus DUAL

PREEMERGENCE APPLICATION

Mix Lexone DF Herbicide followed by Lorox L and then Dual in the spray tank with water and apply as a band or broadcast spray after planting but before soybeans emerge.

LEXONE DF HERBICIDE plus LOROX L plus DUAL - RATES PER HECTARE					
SOIL TEXTURE¹	Apply in 200-300 L water per ha				
	LEXONE DF	+	LOROX L	+	DUAL
Light (sandy loam, loamy sand)	210-400 g	+	1.6-1.8 L	+	1.75-2.1 L
Medium Soils (Loam, silt loam, silt, sandy clay, sandy clay loam)	385-465 g	+	1.8-2.0 L	+	1.0-2.1 L
Heavy (silty clay, silty clay loam, clay, clay loam)	465-550 g	+	1.8-2.1 L	+	2.1-2.75 L

¹ Do not use on light textured soils with less than 2% organic matter.

Use lower rates for soil texture when organic matter is 2 - 4%; higher rates when organic matter is more than 4%.

LEXONE DF HERBICIDE plus PURSUIT (Pre-emergent Application) (Eastern Canada only)

Lexone DF Herbicide may be tank mixed with Pursuit to provide a broader spectrum of weed control. Add Pursuit as directed in the "Sprayer Preparation and Mixing Instructions" sections.

DO NOT APPLY BY AIR.

POTATOES

GENERAL INFORMATION

Do not use on sandy or coarse textured soils containing less than 1% organic matter as crop injury may result. Potato varieties vary in their resistance to Lexone DF Herbicide. Use on limited area to determine safety before larger scale sprays are adopted. Do not use on varieties Tobique or Belleisle. The variety Shepody has shown sensitivity to Lexone DF Herbicide applied at ground crack. An earlier preemergent application has shown greater crop safety. At the high rate, Lexone DF Herbicide will provide partial control of quackgrass, yellow nutsedge and will improve grass control when used in combination with a recommended grass herbicide. Supplemental row cultivation helps weed control.

EASTERN CANADA, B.C. AND PRAIRIE PROVINCES

LEXONE DF HERBICIDE USED ALONE:

(Eastern Canada, Coastal B.C. and irrigated crops in Alberta and Manitoba)

PREEMERGENCE

Make a single application of Lexone DF Herbicide at 640 g-1.4 kg/ha after planting (at least 5 cm deep) or hilling but before crop emerges. See paragraph on Use Rates and Soil Limitations. Use 150-300 L water per ha. Apply before emerged weeds are 3 cm high.

EARLY POSTEMERGENCE

If weather conditions prevent a preemergent application, 700 - 960 g/ha may be applied following 3 or more successive days of sunny weather. Treat before weeds are 3 cm tall and when potatoes are less than 10 cm in height. Treatment may cause some leaf burn. Do not use on red-skinned, Shepody, or early potatoes. Do not apply within 60 days of harvest.

PREEMERGENCE plus POSTEMERGENCE

Follow directions as indicated but do not apply more than 1.4 kg/ha per season. Do not apply within 60 days of harvest.

TANK MIXES

LEXONE DF HERBICIDE and DUAL (Eastern Canada Only)

Mix Lexone DF Herbicide with water. Add Dual as directed in the "Sprayer Preparation and Mixing Instructions" sections of this label.

Do not use Dual on muck, peat muck or high organic matter soils.

Do not use Dual on the potato variety Superior.

Do not use Dual at ground crack or if potatoes have emerged.

Preplant incorporated: Apply the Lexone DF-Dual tank mixture to the soil and incorporate to a depth of 5 cm within 14 days of planting. Preplant incorporated treatments will control dominant infestations of nutsedge and/or annual grasses when higher rates are used.

Preemergence: Apply the Lexone DF-Dual tank mixture as a band or broadcast spray during or after planting before the weeds or crop have emerged.

Split Application: Following preplant incorporation of Dual, apply Lexone DF Herbicide as a preemergence application.

Split Application: Apply Dual as a preplant incorporated treatment or a preemergent treatment followed by Lexone DF Herbicide as an early postemergent treatment. Do not use Lexone DF Herbicide on red-skinned, Shepody, or early potatoes. Do not apply within 60 days of harvest.

LEXONE DF HERBICIDE PLUS DUAL - RATES PER HECTARE (Apply in 150-300 L water per ha)			
SOIL TEXTURE ¹	LEXONE DF HERBICIDE		DUAL
	PPI or PRE	POST	
Medium Soils (Loam, silt loam, silt, sandy clay, sandy clay loam) Heavy Soils (Silty clay, silty clay loam, clay, clay loam)	830 g-1.2 kg	830-960 g	2.0-2.75 L

¹ Do not use on sandy or coarse textured soils with less than 1% organic matter as crop injury may result.

POTATOES - PRAIRIE PROVINCES AND INTERIOR B.C.

See comments under Potatoes - General Information.

EARLY POSTEMERGENCE

Apply Lexone DF Herbicide over the top of potato plants soon after emergence and before weeds are 4 cm high. Do not use on red-skinned, Shepody, or any early maturing varieties. Do not apply within 60 days of harvest.

Use 350 g/ha of Lexone DF Herbicide as a broadcast spray. Weeds controlled are:

Wild Mustard	Chickweed
Hemp-nettle	Tartary Buckwheat
Ball Mustard	Corn Spurry
Green Smartweed	Lamb's-quarters
Lady's-thumb	Stinkweed
Volunteer Rape	Shepherd's-purse
Redroot Pigweed	

PREPLANT INCORPORATED – LEXONE DF HERBICIDE and EPTAM Liquid EC Herbicide

Apply 350-550 g/ha of Lexone DF Herbicide with 4.25-5.5 L/ha Eptam Liquid EC Herbicide as a preplant incorporated treatment in 200-300 litres of water per hectare. Mix Lexone DF Herbicide in water and add Eptam Liquid EC Herbicide as directed under "Spray Preparation and Mixing Instructions". For proper soil preparation, application and incorporation in the soil see the appropriate section of the Eptam Liquid EC Herbicide label. Do not use on soil with greater than 7% organic matter or on sandy or coarse textured soils with less than 2% organic matter as crop injury may result. Do not use on red-skinned or early potatoes or on the varieties Belleisle or Tobique.

Weeds controlled are:

Chickweed	Redroot Pigweed
Green Smartweed	Shepherd's-purse
Hemp-nettle	Wild Mustard
Lady's-thumb	Stinkweed
Lamb's-quarters	Volunteer Rape

FABABEANS

PREPLANT INCORPORATION

SPRING APPLICATION

Apply 350-550 g/ha of Lexone DF Herbicide tank mixed with 1.5-2 L/ha Treflan in 80-100 litres of water.

FALL APPLICATION

Apply 400-550 g/ha of Lexone DF Herbicide tank mixed with 2.26 L/ha Treflan in 80-100 litres of water.

Mix Lexone DF Herbicide in water. Add Treflan as directed under "Spray Preparation and Mixing Instructions" and immediately incorporate into soil prepared according to the Treflan* label instructions.

This treatment may control the following weeds:

Wild Mustard	Volunteer Rape
Lamb's-quarters	Hemp-nettle
Stinkweed	Shepherd's-purse
Green Smartweed	Redroot Pigweed
Lady's-thumb	Chickweed

Follow instructions on the Treflan label to avoid erratic weed control and/or crop injury from uneven application or improper incorporation in the soil.

Do not use Lexone DF Herbicide on muck soils. Rotation crops such as vegetables, canola, or tobacco may be injured if planted on treated soil within 2 years after application. Injury to succeeding crops may be reduced by a post harvest tillage of the soil.

CAUTION:

DO NOT GRAZE THE TREATED CROPS OR CUT FOR HAY; SUFFICIENT DATA ARE NOT AVAILABLE TO SUPPORT SUCH USE.

PEAS, FIELD AND PROCESSING (Western Canada)

Apply Lexone DF Herbicide at 280-375 g/ha as a postemergent broadcast spray in a minimum of 100 L of water/ha. Spray when weeds have emerged and are less than 5 cm in height and before pea vines are 15 cm long. Crop must be planted at least 5 cm below soil surface and not underseeded with forage. Do not use on field peas grown under irrigation.

The following weeds may be controlled by this treatment:

Chickweed	Wild Mustard
Corn Spurry	Ball Mustard
Hemp-nettle	Green Smartweed
Lamb's-quarters	Tartary Buckwheat
Stinkweed	Volunteer Rape

Use the higher rate when weed infestation is dense. Weed control may be reduced if rain falls within 6 hours after spray. Do not apply more than once per season. Do not tank mix with other herbicides or adjuvants. Do not apply on light soils containing less than 3% organic matter. Do not apply within 4-5 days after frost or periods of cool, wet or cloudy weather. Allow a 4-5 day interval between an application of Lexone DF Herbicide and other pesticides. Do not harvest processing peas within 40 days of application. Do not harvest or graze or feed treated crop until 70 days after application.

SPRING WHEAT & SPRING BARLEY (Western Canada only)

POSTEMERGENCE

Use Lexone DF Herbicide alone or combined with Banvel or MCPA Amine 500. When using a tank mix, mix Lexone DF Herbicide with water then add Banvel or MCPA as directed under "Spray Preparation and Mixing Instructions".

Crop must be planted 5 cm deep and not underseeded with forages. Apply only once per season. Weed control may not be noticeable for 7 to 10 days. Temporary (7-10 days) lightening in crop colour and occasionally a slight reduction in crop height may be observed, especially if frost or abnormally high temperatures occur within 1-2 days of application. If frost occurs allow 4-5 days for crop to recover before applying Lexone DF Herbicide.

Allow a 4-5 day interval between application of Lexone DF Herbicide and wild oat herbicides. Do not use on Klondike variety of barley.

Treatments will control:

ball mustard	smartweed
chickweed	stinkweed
corn spurry	tartary buckwheat
hemp-nettle	volunteer rape
lady's-thumb	wild mustard
lamb's-quarters	

Use the higher rate for the best residual control of chickweed or when weed infestation is dense.

Rainfall immediately after an application may reduce weed control. Do not apply within 60 days of harvest. Do not graze or feed crop to livestock within 30 days of application.

LEXONE DF HERBICIDE PLUS BANVEL OR MCPA AMINE 500 - RATES PER HECTARE (Apply in 80-100 L water per ha when weeds are small)			
CROP	STAGE OF CROP GROWTH		
	2-5 leaf stage (mid-tillering) Lexone DF Herbicide (ALONE)	2-3 leaf stage ¹ (mid-tillering) Lexone DF Herbicide + Banvel Herbicide	3-5 leaf stage (mid-tillering) Lexone DF Herbicide + MCPA Amine 500

Spring Barley	270-350 g	270g –Lexone DF Herbicide + 275 ml Banvel Herbicide	275 – 350 g Lexone DF Herbicide + 850 ml– 1.1 L MCPA Amine 500
Spring Wheat	270 g	270g –Lexone DF Herbicide + 275 ml Banvel Herbicide	275g LEXONE DF Herbicide + 850 ml– 1.1 L MCPA Amine 500

¹ On wheat, application may be made at the 4-leaf stage but crop tolerance may be reduced.

TOMATOES

Lexone DF Herbicide may be used on tomato transplants grown for processing only. Apply as a directed spray before weeds are 4 cm high. Avoid contacting at least the top 2/3 of the tomato foliage with spray. Best results are usually obtained when application is made to well established plants about 3 weeks after transplanting. Avoid applications when tomatoes are under stress from poor growing conditions such as cool, wet and cloudy weather. Do not apply to direct-seeded tomatoes.

Apply only once per season. Do not apply within 60 days of harvest.

LEXONE DF HERBICIDE RATES PER HECTARE (Apply in 200-300 L Water per ha)	
SOIL TEXTURE¹	LEXONE DF HERBICIDE
Light (sandy loam, loamy sand)	320 g ¹
Medium Soils (Loam, silt loam, silt, sandy clay, sandy clay loam)	640 g
Heavy (silty clay, silty clay loam, clay, clay loam)	640 g - 1.1 kg ²

¹ May not control grasses

² High rate for very weedy fields only

ASPARAGUS

Lexone DF Herbicide may be used on asparagus as either a preemergence application in established asparagus or as a delayed postemergence treatment for transplanted and established asparagus for the control of annual grass and broadleaf weeds (see section "Weeds Controlled" for specific weeds).

PREEMERGENCE

Apply 1.5 kg/ha of Lexone DF Herbicide in 100 to 300 L of water to established asparagus as a preemergence broadcast spray with low pressure (150-275 kPa) ground equipment. Do not apply within 14 days of harvest.

POSTEMERGENCE

Make one application per season of Lexone DF Herbicide as a delayed postemergence treatment for transplanted and established asparagus. Apply 1.5 kg/ha of Lexone DF Herbicide in 100 to 300 L of water with ground equipment. Application of Lexone DF Herbicide should be made after completion of harvest when spears have developed and when weeds are well established.

FRUIT TREES

Lexone DF Herbicide may be used in apple, cherry, peach and apricot trees in the year of planting for the control of annual weeds (see section "Weeds Controlled" for specific weeds). Make a single application, pre-plant incorporated, over the entire area or within the planting row. Apply 0.5 to 1.0 kg/ha of Lexone DF Herbicide.

NOTE TO BUYER/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 Corteva Agriscience Canada Company under the User Requested Minor Use Label Expansion program. For these uses, Corteva Agriscience Canada Company 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.

ESTABLISHED FRUIT TREES (apple, peach, pear, sweet and sour cherry, plum and apricot)

Apply Lexone DF Herbicide alone at 1.0 kg/ha for broadleaf weed control in established fruit trees. Application, by ground equipment only, should be made in 150-300 L water per ha as a pre-emergent treatment. Apply as a band under the trees and make only one application per year. This will control:

BROADLEAF WEEDS

Common chickweed	Lady's-thumb	Russian thistle
Common ragweed	Lamb's-quarters	Shepherd's-purse
Dandelion (seedling)	Prickly mallow	Velvetleaf
Green smartweed	Prostrate pigweed	Wild mustard
Jimsonweed	Redroot pigweed	Yellow wood-sorrel

ESTABLISHED FRUIT TREES (apple, peach, pear, sweet and sour cherry)

Lexone DF Herbicide may be tank mixed with Sinbar to provide broad spectrum weed control in established fruit trees. Apply Lexone DF Herbicide at 1.0 kg/ha and Sinbar at 0.63 kg/ha in 150-300 L of water per hectare as a pre-emergent treatment. Apply as a band under the trees and make only one application per year. This tank mix will control:

GRASS WEEDS

Barnyardgrass	Fall panicum	Perennial rye grass
Bluegrass	Giant foxtail	Wild barley
Cheatgrass (Downy brome)	Green foxtail	Witchgrass
Crabgrass	Johnson grass (seedling)	Yellow foxtail

BROADLEAF WEEDS

Annual sowthistle	Lady's-thumb	Redroot pigweed
Common chickweed	Lamb's-quarters	Russian thistle
Common ragweed	Prickly mallow	Shepherd's-purse
Dandelion (seedling)	Prickly lettuce	Stinkweed
Green smartweed	Prostrate pigweed	Velvetleaf
Henbit	Purslane	Wild mustard
Jimsonweed		Yellow wood-sorrel

Treatment usually provides partial control of quackgrass, horsenettle, and yellow nutsedge.

DO NOT use on soil coarser than sandy loams with less than 3% organic matter.

LENTILS (WESTERN CANADA)

Apply 280 g/ha as a postemergent broadcast spray in a minimum of 100 L of water/ha on lentil vines less than 10 cm high and after weeds have emerged. Crop must be planted more than 5 cm below soil surface and not underseeded with forage.

- Do not tank mix with other herbicides or adjuvants.
- Do not apply on light soils containing less than 3% organic matter.
- Do not apply more than once per season.
- Do not harvest or graze or feed treated crop until 70 days after application.

The following weeds may be controlled by this treatment:

Chickweed	Wild Mustard
Corn Spurry	Ball Mustard
Hemp-nettle	Green Smartweed
Lamb's-quarters	Tartary Buckwheat
Stinkweed	Volunteer Rape

Weed control may not be noticeable for 7-10 days after application. Weed control may be reduced if rain falls within 6 hours after spray. Some reduction of colour and height may occur, especially if frost or abnormally high temperatures occur 1-2 days after application. Do not spray within 4-5 days after frost.

Allow a 4-5 day interval between an application of Lexone DF Herbicide and other pesticides.

NOTE:

Application of more than the recommended rate, or after the crop stage specified above, may result in crop damage. To minimize risk, adhere very carefully to all label instructions.

SPRAY TANK CLEAN OUT

To prevent spray tank residues from injuring sensitive crops in subsequent applications, use the following procedure to clean Lexone DF Herbicide from the spray equipment:

1. Drain tank. Thoroughly hose down the interior surfaces of the tank, then flush tank, boom and hoses with clean water for 5 minutes.
2. Remove screens, filters and nozzles and clean separately.

USE PRECAUTIONS

Do not mix, load, or apply within 15 meters of all wells.

Extreme care should be taken to avoid damage by drift onto plants outside the target area or onto ponds, waterways or ditches or land intended for cropping. When spraying near adjacent sensitive crops or plants, do everything possible to reduce spray drift.

Do not apply more than once per season on the same area and do not exceed the maximum use rate.

Do not re-enter or allow re-entry into treated areas until 12 hours after application. Exception: If the product is soil-injected or soil-incorporated, workers may enter the treated area if there will be no contact with anything that has been treated.

It is recommended that this product not be applied in a way that will contact workers or other persons, either directly or through drift. Only handlers wearing personal protective equipment may be in the area during application.

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 air.

SPRAY BUFFER ZONES

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, shelter belts, woodlots, hedgerows, pastures, rangelands, and shrublands), sensitive freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs, and wetlands) and estuarine/marine habitats.

Crop	Method of Application	Spray Buffer Zone (metres) Required for Protection of:						Terrestrial Habitat
		Freshwater Habitats of Depths			Estuarine/Marine Habitats of Depths			
		Less than 1 m	1-3 m	Greater than 3 m	Less than 1 m	1-3 m	Greater than 3 m	
All crops except tomatoes	Field Sprayer	5	2	1	5	2	1	10
	Field Sprayer with Shrouds	2	1	0	2	1	0	3
	Field Sprayer with Cones	4	1	1	4	1	1	5
Tomatoes	Field Sprayer	10	3	1	5	2	1	15
	Field Sprayer with Shrouds	3	1	0	2	1	0	5
	Field Sprayer with Cones	5	2	1	4	1	1	10

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 that are larger than 1m can be modified based on weather conditions and spray equipment configuration by accessing the Spray Buffer Zone Calculator on the Pesticides portion of the Canada.ca website.

RESISTANCE-MANAGEMENT RECOMMENDATIONS

For resistance management, Lexone DF Herbicide is a Group 5 herbicide. Any weed population may contain or develop plants naturally resistant to Lexone DF Herbicide and other Group 5 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 Lexone DF Herbicide or other Group 5 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 a 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 a 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 your local Corteva Agriscience Canada Company representative or the Corteva Agriscience Canada Company hotline at 1-800-667-3852 for further information.

STORAGE

Store this product away from food or feed. Store product in original container in a secure, dry area away from other pesticides, fertilizer, food or feed. Not for use or storage in or around the home. Keep container tightly closed.

DISPOSAL

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/territorial requirements.

For information on disposal of unused, unwanted product, contact the manufacturer or the provincial/territorial regulatory agency. Contact the manufacturer and the provincial/territorial regulatory agency in case of a spill, and for clean-up of spills.

NOTICE TO USER

This control product is to be used only in accordance with the directions on this label. It is an offence under the *PEST CONTROL PRODUCTS ACT* to use a control product under unsafe conditions.

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