

2024-07-29
2023-3065

(Container)



2,4-D LV-600 Herbicide

GROUP	4	HERBICIDE
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- Low Volatile Farm and Industrial Weed Killer
- Contains 2,4-D
- For selective spraying of wheat, barley, rye, corn, established pastures, rangeland and turf, for the control of certain annual and perennial weeds and for woody plant growth.

COMMERCIAL (AGRICULTURAL)

READ THE LABEL AND ATTACHED BOOKLET BEFORE USING
KEEP OUT OF REACH OF CHILDREN

ACTIVE INGREDIENT: 2,4-D, present as 2-ethylhexyl ester 564 g /L
emulsifiable concentrate

REGISTRATION NO. 9560 PEST CONTROL PRODUCTS ACT

WARNING  **POISON**

CAUSES IRRITATION OF SKIN AND EYES

NET CONTENTS: 8.0 L

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

CAUSES IRRITATION OF SKIN AND EYES

DO NOT GET IN EYES

AVOID CONTACT WITH SKIN AND CLOTHING

KEEP OUT OF REACH OF CHILDREN

PROTECTIVE CLOTHING AND EQUIPMENT

All Application Equipment (ground and aerial)

- When mixing/loading, wear coveralls over a long-sleeved shirt, long pants, chemical-resistant gloves, socks, shoes and protective eye wear (face shield or safety glasses). Rinse gloves before removal.
- When applying or during clean-up and repair, wear coveralls over a long sleeved shirt, long pants,
- Gloves are not required during application when applicator is in an enclosed tractor or an enclosed airplane cockpit."
- When handling more than 470 L of 2,4-D LV-600 Herbicide per day workers must also use a closed system.

Application Using Handheld Equipment

- Applicators must wear coveralls over a long-sleeved shirt, long pants and chemical-resistant gloves.
- Refer to Directions for Use section for use-specific application equipment that may be required.

Application Using Aerial Equipment

- Applicators must wear coveralls over a long-sleeved shirt and long pants. Chemical-resistant gloves must also be worn during clean-up and repair activities.
- No human flaggers are permitted.

Application Using Groundboom Equipment

Applicators must wear coveralls over a long-sleeved shirt and long pants. Chemical-resistant gloves must also be worn during clean-up and repair activities

Refer to Directions for Use section for any additional requirements.

MIXING

Transfer System

For containers larger than 20 L, use a transfer system that avoids open pouring when transferring the liquid concentrate from such containers into the spray tank.

OPERATOR USE PRECAUTIONS

- Wear freshly laundered clothing and clean protective equipment daily.
- Rinse gloves before removal.
- Wash hands before eating, drinking, using tobacco or using the toilet.
- If herbicide penetrates clothing remove immediately; then wash thoroughly and put on clean clothing. Throw away clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate.
- After using this product, remove clothing and launder separately, and promptly and thoroughly wash hands and exposed skin with soap and water. Follow manufacturer's instructions for cleaning personal protective clothing and equipment. If no such instructions for washables are provided, use detergent and hot water. Keep and wash personal protective equipment separate from household laundry.
- After work, remove all clothing and shower using soap and water.

FIRST AID

Take container, label or 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. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give **any** liquid to the person. 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

No specific antidote. Employ supportive care. Treatment should be based on judgement of the physician in response to reactions of the patient. This product may cause mild irritation to the eyes. Overexposure to 2,4-D may cause coughing, burning, dizziness or temporary loss of muscle coordination. Other possible effects of overexposure include fatigue, muscle weakness or nausea. This product contains petroleum distillates. Vomiting may cause aspiration pneumonia. Treat Symptomatically.

AGRICULTURAL CHEMICAL

Do not ship or store with food, feeds, drugs or clothing.

ENVIRONMENTAL PRECAUTIONS

- Toxic to small mammals, birds, aquatic organisms and non-target terrestrial plants.
- Observe spray buffer zones specified under DIRECTIONS FOR USE.
- This product will harm other broadleaved plants in the vicinity of the treatment area. If applying this product using a handheld sprayer, do not directly spray or allow the spray to drift onto ornamentals or gardens.
- Do not spray exposed roots of trees and ornamentals.
- This product contains aromatic petroleum distillates, which are toxic to aquatic organisms.

LEACHING

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.

RUNOFF

- To reduce runoff from treated areas into aquatic habitats, avoid application to areas with 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.
- To prevent runoff, avoid spraying on driveways, sidewalks or other hard surfaces. Do not irrigate within 24 hours after application.

STORAGE

Store this product away from food or feed. This product must be stored away from fertilizers, seeds, insecticides, fungicides or other herbicides intended for use on 2,4-D sensitive crops.

USE

When the container is empty, triple rinse and add the rinse water to the spray tank. Care must be taken during application to avoid contaminating irrigation ditches or domestic water supplies. Avoid using sprayers which contained 2,4-D to apply other pesticides to sensitive crops.

DISPOSAL

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/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 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.

(Booklet)



2,4-D LV-600 Herbicide

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emulsifiable concentrate

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WARNING  **POISON**

CAUSES IRRITATION OF SKIN AND EYES

NET CONTENTS: 205 L, 10 L, 8.0 L, BULK

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PROTECTIVE CLOTHING AND EQUIPMENT

All Application Equipment (ground and aerial)

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- When applying or during clean-up and repair, wear coveralls over a long sleeved shirt, long pants,
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- When handling more than 470 L of 2,4-D LV-600 Herbicide per day workers must also use a closed system.

Application Using Handheld Equipment

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- Refer to Directions for Use section for use-specific application equipment that may be required.

Application Using Aerial Equipment

- Applicators must wear coveralls over a long-sleeved shirt and long pants. Chemical-resistant gloves must also be worn during clean-up and repair activities.
- No human flaggers are permitted.

Application Using Groundboom Equipment

Applicators must wear coveralls over a long-sleeved shirt and long pants. Chemical-resistant gloves must also be worn during clean-up and repair activities

Refer to Directions for Use section for any additional requirements.

MIXING

Transfer System

For containers larger than 20 L, use a transfer system that avoids open pouring when transferring the liquid concentrate from such containers into the spray tank.

OPERATOR USE PRECAUTIONS

- Wear freshly laundered clothing and clean protective equipment daily.
- Rinse gloves before removal.
- Wash hands before eating, drinking, using tobacco or using the toilet.
- If herbicide penetrates clothing remove immediately; then wash thoroughly and put on clean clothing. Throw away clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. After using this product, remove clothing and launder separately, and promptly and thoroughly wash hands and exposed skin with soap and water. Follow manufacturer's instructions for cleaning personal protective clothing and equipment. If no such instructions for washables are provided, use detergent and hot water. Keep and wash personal protective equipment separate from household laundry.
- After work, remove all clothing and shower using soap and water.

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AGRICULTURAL CHEMICAL

Do not ship or store with food, feeds, drugs or clothing.

ENVIRONMENTAL PRECAUTIONS

- Toxic to small mammals, birds, aquatic organisms and non-target terrestrial plants.
- Observe spray buffer zones specified under DIRECTIONS FOR USE.
- This product will harm other broadleaved plants in the vicinity of the treatment area. If applying this product using a handheld sprayer, do not directly spray or allow the spray to drift onto ornamentals or gardens.
- Do not spray exposed roots of trees and ornamentals.
- This product contains aromatic petroleum distillates, which are toxic to aquatic organisms.

LEACHING

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.

RUNOFF

- To reduce runoff from treated areas into aquatic habitats, avoid application to areas with 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.
- To prevent runoff, avoid spraying on driveways, sidewalks or other hard surfaces. Do not irrigate within 24 hours after application.

STORAGE

Store this product away from food or feed. This product must be stored away from fertilizers, seeds, insecticides, fungicides or other herbicides intended for use on 2,4-D sensitive crops.

USE

When the container is empty, triple rinse and add the rinse water to the spray tank. Care must be taken during application to avoid contaminating irrigation ditches or domestic water supplies. Avoid using sprayers which contained 2,4-D to apply other pesticides to sensitive crops.

DISPOSAL

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/territorial requirements.

Returnable Containers

DO NOT reuse this container for any purpose. For disposal, this empty container may be returned to the point of purchase (distributor/dealer).

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.

NOTE: Local conditions may affect the use of herbicides. Provincial agricultural authorities issue recommendations to fit local conditions. Be sure that use of this product conforms to all applicable regulations.

If this product is exposed to temperatures below -20°C , it should be warmed to at least 5°C and mixed thoroughly before using.

DIRECTIONS FOR USE

USE PRECAUTIONS

- 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.

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.

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) coarse classification. Boom height must be 60 cm or less above the crop or ground.

Aerial application

DO NOT apply during periods of dead calm. Avoid application of this product when winds are gusty. DO NOT apply when wind speed is greater than 16 km/h at flying height at the site of application. DO NOT apply with spray droplets smaller than the American Society of Agricultural Engineers (ASAE S572.1) coarse classification. Reduce drift caused by turbulent wingtip vortices. Nozzle distribution along the spray boom length MUST NOT exceed 65% of the wing- or rotorspan.

Restricted Entry Interval (REI)

- All crops—12-hour REI
- Corn (sweet)—14-day REI for hand harvesting. DO NOT detassel sweet corn by hand

CROP USE

Ground Application

Apply 50 to 200 L of spray solution per hectare depending on the type of application equipment used. Use sufficient water for even distribution. Spray at low pressures (200 to 275 kPa) when the weeds are actively growing.

Aerial Application (including fixed and rotary wing aircraft)

Apply a minimum of 30 L of spray solution per hectare depending on the type of application system being used. Use boom pressures of 235 kPa or less. Avoid placing nozzles where spray will enter wing tip vortices.

To Prepare a Spray

Add half the required amount of water to the spray tank, then the 2,4-D LV 600 Herbicide with agitation, and finally the balance of the water with continued agitation.

WARNING: If preparing straight oil mixtures, do not let water get into the product or the finished mixture.

NOTE: This product in water forms an emulsion, not a solution, which tends to separate on standing. Agitate to prevent such separation and ensure uniformity of spray mixture.

Spot Treatment

For knapsack application of 2,4-D LV 600 Herbicide for spot treatment of weeds such as thistles, mix 0.2 L of product in 10 L of water. Wet all foliage thoroughly. Maximum Amount of Product Applied/day/person with Handheld Equipment: 4.8 L.

Selective Weed Control in Small Grains

Weeds differ in their susceptibility to 2,4-D LV 600 Herbicide and not all types can be controlled satisfactorily in crops. The amount of 2,4-D LV 600 Herbicide to use will depend upon the susceptibility and whether the crops will tolerate this amount. See Table 1.

Wheat, Barley and Rye

Spray from the 3-leaf expanded stage (15 cm tall) to just before the flag-leaf (shot-blade) stage. To avoid crop injury, do not treat during boot and flowering stages. Winter wheat and fall rye should be treated in early spring, as soon as weeds appear and before the crop reaches the shot-blade stage. Maximum 1 application per year.

Table 1 Suggested Amounts of 2,4-D LV 600 Herbicide for Weed Control in Cereals (not underseeded to legumes)

Mixed Weedy Growth	Stage of Weed Kind of Weather	Amount L/ha	Hectares Treated/20L
Susceptible weeds such as: mustard (except dog and green tansy), flixweed, bluebur, burdock, cocklebur, field horsetail*, stinkweed, goatsbeard, prickly lettuce, hoary cress*, kochia, lamb's-quarters, plantain, ragweeds, Russian knapweed, Russian thistle, shepherd's purse, annual sunflower, sweet clover, vetch, wild radish	Seedling (2-4 leaves) Growing rapidly	0.6 L	33
	Weeds in bud Dry, cool weather Heavy infestation	0.9 L	22
Harder to kill weeds such as: biennial wormwood, docks, dandelion, dog mustard, field peppergrass, hairy galinsoga, gumweed, hedge bindweed, lady's thumb, oak leaf goosefoot, redroot pigweed, Russian thistle, smartweed, annual sow-thistle, tansy, Tartary buckwheat, tumbleweed, blue lettuce*, Canada thistle*, field bindweed*, leafy spurge*, perennial sow-thistle*, wild buckwheat [□]	Seedling (2-4 leaves) Growing rapidly	1.0 L [†]	20
	Weeds in bud Dry or cool weather Heavy infestation	1.5 L [†]	13

*Top growth control only.

□Better control will result from 2 treatments applied one week apart at 0.6 L/ha 2,4-D.

†The higher rates may cause deformities and delayed maturity which will be offset by a higher relative yield from a less weedy crop.

Pre-Harvest Interval

- Do not permit lactating dairy animals to graze fields within 7 days after application.
- Do not harvest forage or cut hay within 30 days after application.
- Withdraw meat animals from treated fields at least 3 days before slaughter.

Corn Postemergence

Treat with 0.7 L/ha when corn plants are 15 to 20 cm tall and most weeds have germinated but are still in seedling stage. Use drop nozzles to keep spray off corn foliage. Do not cultivate until at least 2 weeks after treatment. Maximum 1 application per year.

Pre-Harvest Interval

- Do not permit lactating dairy animals to graze fields within 7 days after application.
- Do not harvest as forage within 30 days after application.
- Withdraw meat animals from treated fields at least 3 days before slaughter.

Established Grasses - Eastern Canada

For the control of yellow rocket and other susceptible winter annual weeds, spray with 1.7 L of 2,4-D LV 600 Herbicide /ha. Application should be made in early fall. Maximum 2 applications per year.

Pre-Harvest Interval

- Do not permit lactating dairy animals to graze fields within 7 days after application.
- Do not harvest forage or cut hay within 30 days after application.
- Withdraw meat animals from treated fields at least 3 days before slaughter.

Established Pastures and Rangeland - Western Canada

To control susceptible perennials or winter annuals, spray 0.8 to 1.5 L/ha before growth of legumes and grasses starts in the spring. Maximum 2 applications per year.

Pre-Harvest Interval

- Do not permit lactating dairy animals to graze fields within 7 days after application.
- Do not harvest forage or cut hay within 30 days after application.
- Withdraw meat animals from treated fields at least 3 days before slaughter.

Turf

To control susceptible weeds, use 1.5 to 2.8 L/ha in enough water for coverage.

- This product is only effective when applied to the leaves of actively growing weeds. This product will not prevent new weeds - apply only when weeds are present.
- DO NOT apply more than two broadcast applications per year. This does not include spot treatments.
- If weed populations do not warrant a broadcast application (e.g., entire lawn), consider spot treatments that target only weedy areas.
- DO NOT apply by air.
- DO NOT apply to the exposed roots of trees and ornamentals.

Re-entry Interval for Turf

Do not allow people (other than applicator) or pets on treatment area during application. Do not enter treated areas until spray has thoroughly dried.

Maximum Application Frequency for Turf

For good turf/lawn management, normally two applications per year per treatment site are adequate. This does not include spot treatments.

WARNING: Do not use on lawns of creeping grasses such as bent, except for spot spraying or on freshly seeded turf until grass has become well established. Most legumes are usually damaged or killed.

GENERAL INSTRUCTIONS - NON-CROPLAND USE

Ground Application

Apply 50 to 3000 L of spray solution per hectare depending on the type of application system being used. Use sufficient water to ensure uniform coverage.

Aerial Application (Including Fixed And Rotary Wing Aircraft)

Follow USE PRECAUTIONS FOR AERIAL APPLICATION.

Roadside And General Weed Control

For taller weed growth such as in vacant lots, on roadsides and along fence rows, sufficient spray solution should be used to wet all foliage thoroughly. DO NOT APPLY BY AIR TO ROADSIDES and along fence rows. Use 2,4-D LV 600 Herbicide at the rate of 3.8 L per hectare. Maximum 2 applications per year. Deep rooted perennial weeds, such as bindweed and Canada thistle, may require repeated applications as new growth appears. Maximum Amount of Product Applied/day/person with Handheld Equipment: 4.8L.

Woody Plants

To control 2,4-D susceptible species, spray brush up to 2.5 m tall after foliage is well developed. When using ground application equipment, mix 7.9 L of 2,4-D LV 600 Herbicide in 1000 L of water and spray to wet all foliage, shoots, stems and bark. Maximum 2 applications per year. With good growing conditions and high soil moisture, sprays may be used up to 2 to 3 weeks before normal frost time; but spraying soon after leaves are fully open in the spring usually gives best results. Control may be less effective during hot, dry weather when deep soil moisture is deficient. For 2,4-D resistant species use Tordon™ 101 Herbicide. Maximum Amount of Product Applied/day/person with Handheld Equipment: 14.2 L. Protective Equipment: Wear a respirator when applying more than 8.9 L/day/person.

When using aerial application equipment, apply 6.8 L of 2,4-D LV 600 Herbicide in a minimum of 30 L of spray solution per hectare. Maximum 2 applications per year.

Pre-Harvest Interval

- Do not permit lactating dairy animals to graze fields within 7 days after application.

- Do not harvest forage or cut hay within 30 days after application.
- Withdraw meat animals from treated fields at least 3 days before slaughter.

BROADCAST AERIAL APPLICATION

Directions for Use

Apply only by fixed-wing or rotary aircraft equipment which has been functionally and operationally calibrated for the atmospheric conditions of the area and the application rates and conditions of this label.

Label rates, conditions and precautions are product specific. Read and understand the entire label before opening this product. Apply only at the rate recommended for aerial application on this label. Where no rate for aerial application appears for the specific use, this product cannot be applied by any type of aerial equipment.

Ensure uniform application. To avoid streaked, uneven or overlapped application, use appropriate marking devices

Use Precautions

Apply only when meteorological conditions at the treatment site allow for complete and even crop coverage. Apply only under conditions of good practice specific to aerial application as outlined in the National Aerial Pesticide Application Manual, developed by the Federal/Provincial/Territorial Committee on Pest Management and Pesticides.

Operator Precautions

Do not allow the pilot to mix chemicals to be loaded onto the aircraft. Loading of premixed chemicals with a closed system is permitted.

It is desirable that the pilot have communication capabilities at each treatment site at the time of application.

The field crew and the mixer/loaders must wear chemical resistant gloves, coveralls and goggles or face shield during mixing/loading, cleanup and repair. Follow the more stringent label precautions in cases where the operator precautions exceed the generic label recommendations on the existing ground boom label.

All personnel on the job site must wash hands and face thoroughly before eating and drinking. Protective clothing, aircraft cockpit and vehicle cabs must be decontaminated regularly.

Product Specific Precautions

Read and understand the entire label before opening this product. If you have questions, call the manufacturer at 1-800-667-3852 or obtain technical advice from the distributor or your provincial agricultural representative. Application of this specific product must meet and/or conform to the following use precautions.

USE PRECAUTIONS FOR AERIAL APPLICATION (to cereal crops, pasture, rangeland and non-cropland)

Do not spray when winds exceed 8 kmph. Do not spray in dead calm near sensitive plants. The "cloud" of suspended droplets may drift onto sensitive plants when the wind comes up. Spray only when wind is blowing away from a sensitive crop, shelterbelt or garden.

- Avoid direct applications to any body of water. Do not contaminate water through spray drift or by cleaning of equipment or disposal of wastes.
- Fixed and rotary-winged aerial applications to field crops should be made in a minimum of 30 L/ha total spray mixture. Use boom pressure of 235 kPa or less. Avoid placing nozzles where spray will enter wing tip vortices.

- Do not apply this product directly to, or otherwise permit it to come into direct contact with desirable crops, other desirable broadleaved plants or non-target species and do not permit spray mists to drift onto them.
- Coarse sprays are less likely to drift, use only nozzles or nozzle configuration which minimize the production of fine spray drops. Do not angle nozzles forward into the air-stream and do not increase spray volume by increasing nozzle pressure. When spraying, avoid combination of pressure and nozzle type that will result in fine particles (mist) which are more likely to drift. A spray thickening agent or drift retardant may be used with this product to aid in reducing spray drift.
- Do not use human flaggers.
- Avoid Spray Drift: Apply only when there is little or no hazard from spray drift. Small quantities of the spray, which may not be visible, may seriously injure susceptible crops and damage sensitive non-target habitat. A method must be used to detect air movement, lapse conditions or temperature inversions (stable air) such as the use of balloons or a continuous smoke column at or near the spray site or a smoke generator on the spray equipment. If the smoke develops into layers or indicates a potential for hazardous spray drift, do not spray.
- Spray Buffer Zones: Appropriate spray buffer zones should be established between treatment areas and aquatic systems and treatment areas and significant wildlife habitat.

Sensitive Plants

Vegetables, flowers, grapes, fruit trees and other desirable plants are sensitive to 2,4-D even in minute quantities. Care should be taken to avoid spraying these types of plants or allowing spray mist to drift onto these plants during both their growing and dormant periods. Coarse sprays are less likely to drift. At higher temperatures, vaporization may cause injury to susceptible plants growing nearby.

This product may cause damage to lawns or pastures if applied before the grass is well established. In addition, most legumes may be damaged or killed.

SPRAY BUFFER ZONES

A spray buffer zone is NOT required for:

- uses with hand-held application equipment permitted on this label.

Spray Buffer Zones - Sensitive Habitats

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, riparian areas and shrublands), sensitive freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs and wetlands), and estuarine/marine habitats. Seasonal water bodies require spray buffer zones if there is water in them during application. Water bodies which do not fill on an annual basis need not be buffered.

For application to rights-of-way, spray buffer zones for protection of sensitive terrestrial habitats are not required; however, the best available application strategies which minimize off-site drift, including meteorological conditions (e.g., wind direction, low wind speed) and spray equipment (e.g., coarse droplet sizes, minimizing height above canopy), should be used. Applicators must, however, observe the specified spray buffer zones for protection of sensitive aquatic habitats.

Spray Buffer Zone Table

Method of Application	Crop		Spray Buffer Zones (metres) Required for the Protection of:					
			Freshwater Habitat of Depths:		Estuarine/Marine Habitats of Depths:		Terrestrial Habitat	
			Less than 1 m	Greater than 1 m	Less than 1 m	Greater than 1 m		
Field sprayer	Golf courses, turf		1	0	1	0	1	
	Field crops [wheat, barley and rye (cereal crops), Corn]		1	1	1	1	1	
	Pastures, rangeland, non-cropland (including roadsides, rights-of-way* and brush control)		1	1	1	1	2	
	Aerial	Field crops [wheat, barley and rye (cereal crops), Corn]	Fixed wing	10	0	1	0	45
Rotary wing			10	0	1	0	40	
Pastures, rangeland		Fixed wing	15	0	1	0	60	
		Rotary wing	15	0	1	0	50	
Non-cropland (including rights-of-way* and brush control)		3.9 L/ha	Fixed wing	70	0	1	0	150*
			Rotary wing	35	0	1	0	80*
		7.9 L/ha**	Fixed wing	125	1	15	1	225*
			Rotary wing	50	1	5	1	100*

* Spray buffer zones for the protection of terrestrial habitats are not required for use on rights-of-way including roads.

**Do not exceed the application rates given in the DIRECTIONS FOR USE section.

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 Pesticides portion of the Canada.ca website.

RESISTANCE MANAGEMENT RECOMMENDATIONS

For resistance management, 2,4-D LV 600 Herbicide is a Group 4 herbicide. Any weed population may contain or develop plants naturally resistant to 2,4-D LV 600 Herbicide and other Group 4 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 2,4-D LV 600 Herbicide or other Group 4 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.

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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