

92.01.21

2,4-D

LV600

LIQUID HERBICIDE

AGRICULTURAL

For air or ground selective spraying of wheat, barley, rye, corn, pastures, turf, for the control of certain annual and perennial weeds and for woody plant growth.

WARNING

POISON

READ THE LABEL BEFORE USING

GUARANTEE: 2,4-D equivalent 564 g/L
(as low volatile esters of 2,4-D)

REGISTRATION NO. 18081 PEST CONTROL PRODUCTS ACT

MANUFACTURED FOR

CARGILL LIMITED
P.O. BOX 5900,
WINNIPEG, MANITOBA
R3C 4C5

10 L

2,4-D LV600

LIQUID HERBICIDE

DIRECTIONS FOR USE GENERAL INSTRUCTIONS - CROP USE

GROUND APPLICATION: Apply 50-200 L of spray solution per hectare

depending on the type of application equipment used. Use sufficient water for even distribution. Spray at low pressures (200-275 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 LV600 with agitation, and finally the balance of 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 LV600 for spot treatment of weeds such as thistles, mix 200 mL of product in 10 L of water. Wet all foliage thoroughly.

Selective weed control in small grains: Weeds differ in the susceptibility to 2,4-D LV600 and not all types can be controlled satisfactorily in crops. The amount of 2,4-D LV600 to use will depend upon the susceptibility and whether the crops will tolerate this amount. See chart.

WHEAT, BARLEY AND RYE: Spray from the 3-leaf expanded stage (15 cm tall) to just before the flag-leaf (shot-blade) stage. Sprays may be used after the hard dough stage to control weeds which might interfere with harvesting. 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 when the crop is in the full tillering stage to the shot-blade stage.

APPLICATION
SUGGESTED AMOUNTS OF 2,4-D LV600 FOR WEED CONTROL IN CEREALS (NOT SEEDED TO LEGUMES)

Mixed Weedy Growth	Stage of Weed Kind of weather	L/ha	Hectare(s) treated 20 L
Susceptible weeds such as: mustard (except dog and green tansy) flixweed, bluebur, burdock, cocklebur, *field horsetail, field pennycress, goatsbeard, prickly lettuce, *hoary cress, kochia, lambsquarters, plantain, ragweeds, Russian knapweed, Russian thistle, shepherd's purse, annual sunflower, sweet clover, vetch, wild radish.	Seedling (2,4 leaves) Growing rapidly	600 mL	34
	Weeds in bud Dry, cool weather Heavy infestation	900 mL	22
Harder-to-kill weeds such as biennial wormwood, docks, dandelion, dog mustard, field peppergrass, gumweed, hairy galinsoga, hedge bindweed, ladythumb, oakleaf goosefoot, redroot pigweed, Russian thistle, smartweed, annual sowthistle, tansy, weather tartary buckwheat, tumbleweed, *blue lettuce, *Canada thistle, *field bindweed, *leafy spurge, *perennial sowthistle, ##wild buckwheat.	Seedling (2,4 leaves) Growing rapidly	1.0#	20
	Weeds in bud Dry or cool weather Heavy infestation	1.5#	14
<p># The higher rates may cause deformities and delayed maturity which will be offset by a higher relative yield from a less weedy crop.</p> <p>* Top growth control only.</p> <p>## Better control will result from 2 treatments applied one week apart at 0.6 L/ha 2,4-D.</p>			

CORN: POST-EMERGENCE - Treat with 700 mL/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.

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 LV600/ha. Application should be made in early fall.

ESTABLISHED ALFALFA AND GRASSES - Western Canada: To control susceptible perennials or winter annuals, spray 800 mL to 1.5 L/ha before growth of legumes and grasses starts in the spring.

RANGELAND, GRASS PASTURE AND TURF: To control susceptible weeds, use 1.5 to 2.75 L/ha in enough water for coverage.

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-CROP USE

GROUND APPLICATION: Apply 50-3000L 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). 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.

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. Use 2,4-D LV600 at the rate of 3.75 L per hectare. Deeprooted perennial weeds such as bindweed, Canada thistle, may require repeated applications as new growth appears.

WOODY PLANTS: To control 2,4-D susceptible species, spray brush up to 2.5 cm tall after foliage is well developed. When using ground application equipment, mix 8.0 L of 2,4-D LV600 in 1000 L of water and spray to wet all foliage, shoots, stems and bark. With good growing conditions and high soil moisture, sprays may be used up to 2 or 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(R) 101 Mixture herbicide.

When using aerial application equipment apply 6.75 L of 2,4-D LV600 in a minimum of 30 L of spray solution per hectare.

PRECAUTIONS: CAUSES IRRITATION OF SKIN AND EYES. DO NOT GET IN EYES. Avoid contact with skin and clothing. Wash skin with soap and plenty of water. Remove and wash contaminated clothing and shoes before re-use. KEEP OUT OF REACH OF CHILDREN.

FIRST AID: If swallowed, induce vomiting. GET MEDICAL ATTENTION. In case of contact, flush eyes with plenty of water for at least 15 minutes and get medical attention.

TOXICOLOGICAL INFORMATION: Treat symptomatically.

USE PRECAUTIONS WARNING

FOR AERIAL APPLICATION: 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.

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, vapourization 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.

STORAGE: 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.

SPRAYER CLEANUP AND DISPOSAL OF WASTE: When spraying is complete, rinse all equipment and the original container with water and dispose of rinse water by burying in non-cropland away

from water supplies. Avoid using sprayers which contained 2,4-D to apply other pesticides to sensitive crops.

CONTAINER DISPOSAL: Containers should be disposed of by crushing and burying with rinse water or delivering them to approved pesticide disposal dump site.

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.

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.

NOTICE TO BUYER: Seller's guarantee shall be limited to the terms set out on the label and subject thereto. The buyer assumes the risk to persons or property arising from the use or handling of this product and accepts the product on that condition.

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