

16-DEC-1996

READ THE LABEL AND
DIRECTIONS FOR USE BEFORE USING

CONTENT:
10 LITRES

INTER AG
A Division of AgrEvo Canada Inc.

2,4D LV-600

Emulsifiable Concentrate

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

AGRICULTURAL

WARNING POISON

TRIPLE RINSE

REGISTRATION NO. 21311
PEST CONTROL PRODUCTS ACT

GUARANTEE: 2,4-D (isomer specific)...564 g/L
(present as low volatile ester)

AgrEvo Canada Inc.
295 Henderson Drive
Regina, SK S4N 6C2
Telephone: 1-800-667-5959

PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN. CAUSES IRRITATION OF SKIN AND EYES. Do not get in eyes. Avoid contact with skin and clothing. Avoid breathing spray mist. Avoid spray drift.

FIRST AID: If swallowed, do not induce vomiting. GET MEDICAL ATTENTION or contact a poison control centre. In case of eye contact, flush eyes with plenty of water for at least 15 minutes and get medical attention or contact a poison control centre. If on skin, wash with soap and plenty of water. If inhaled remove patient from site of exposure.

TOXICOLOGICAL INFORMATION: Medical Personnel should contact AgrEvo's Medical Information Services toll free 1-800-228-5635, ext. 211.

Treat Symptomatically.

For further information consult the MATERIAL SAFETY DATA SHEET.

AGRICULTURAL CHEMICAL

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

DIRECTIONS FOR USE

PROTECTIVE CLOTHING AND EQUIPMENT

HANDLING THE CONCENTRATE (MIXING AND LOADING): wear long-sleeved shirt, long pants, chemical-resistant gloves, socks and shoes, and protective eye wear (face shield or safety glasses). Rinse gloves before removal.

Coveralls or a chemical-resistant apron should also be worn when pouring from containers greater than 5 L.

HANDLING THE DILUTE SPRAY SOLUTION (DURING APPLICATION OR REPAIRING OR CLEANING EQUIPMENT): wear a long-sleeved shirt, long pants, chemical-resistant gloves, socks and shoes. Rinse gloves before removal.

Gloves are not required during application when applicator is in an enclosed tractor or in an enclosed airplane cockpit.

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.

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 LV-600 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 for spot treatment of weeds such as thistles, mix 0.2 L of product in 10 L of water. Wet all foliage thoroughly.

SELECTIVE WEED CONTROL IN SMALL GRAINS: Weeds differ in their susceptibility to 2,4-D LV-600 and not all types can be controlled satisfactorily in crops. The amount of 2,4-D LV-600 to use will depend upon the susceptibility and whether the crops will tolerate this amount. See chart.

WHEAT, BARLEY, 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 before the crop reaches the shot-blade stage.

PRE-HARVEST INTERVALS

- 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: 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 seeding stage. Use drop nozzles to keep spray off corn foliage. Do not cultivate until at least 2 weeks after treatment.

PRE-HARVEST INTERVALS

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

PRE-HARVEST INTERVALS

- 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 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.

PRE-HARVEST INTERVALS

- 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.

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

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.

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

Mixed Weedy Growth	Stage of Weed Kind of Weather	L/ha	Hectares Treated/20 L
Susceptible weeds such as: mustard (except dog and green tansy), flixweed, bluebur, burdock, cocklebur, field horsetail*, stinkweed, 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	600mL	33
	Weeds in bud Dry, cool weather Heavy infestation	900mL	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 sowthistle*, wild buckwheat**	Seedling (2-4 leaves) Growing rapidly	1.0 ***	20
	Weeds in bud Dry or cool weather Heavy infestation	1.5 ***	13

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

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

GENERAL INSTRUCTIONS NON-CROP USE

GROUND APPLICATION: Apply 50-3000 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). 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 LV-600 at the rate of 3.75 L per hectare. Deep rooted perennial weeds such as bindweed and 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 m tall after foliage is well developed. When using ground application equipment, mix 8.0 L of 2,4-D LV-600 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* 101 Herbicide.

When using aerial application equipment apply 6.75 L of 2,4-D LV-600 in a minimum of 30 L of spray solution per hectare.

PRE-HARVEST INTERVALS

- 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.

USE PRECAUTIONS

FOR AERIAL APPLICATIONS (to cereal crops, pasture, rangeland and non-cropland): Do not spray when winds exceed 8 kmph. Do not spray in dead clam 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 or other desirable broadleaf plants or non-target species and do not permit spray mists to drift onto them.
- Coarse sprays are less likely to drift, use only nozzle 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.
- Buffer Zones: Appropriate 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, 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.

DISPOSAL

1. Rinse the emptied 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 the disposal of unused, unwanted product and the cleanup of spills contact the Provincial Regulatory Agency or the Manufacturer.

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.

For additional information contact:

AgrEvo Canada Inc.
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S4N 6C2

Telephone: 1-800-667-5959

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TORDON Reg. Trademark of the Dow Chemical Company

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IN CASE OF SPILLS, POISONING OR FIRE, TELEPHONE AgrEvo's
Emergency Response Number 1-800-667-5959

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