

(Booklet)

GROUP	4	HERBICIDE
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IPCO®

2,4-D ESTER 700
Low Volatile
LIQUID HERBICIDE

AGRICULTURAL

READ THE LABEL
BEFORE USING.

GUARANTEE: 2,4-D, Present as 2-ethylhexyl ester: 660 g a.e./L

REGISTRATION NO: 20310
PEST CONTROL PRODUCTS ACT

NET CONTENTS
10 litres

WARNING POISON

Interprovincial Cooperative Limited,
P.O. Box 1050, Saskatoon, Saskatchewan S7K 3M9
1-204-233-3461

*T.M. Reg'd

RC599-0211

LABEL INDEX IPCO 2,4-D Ester 700 Low Volatile Liquid Herbicide

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DIRECTIONS FOR USE:

SECTION 1

PRECAUTIONS:

Handling precautions: KEEP OUT OF REACH OF CHILDREN. Avoid contact with eyes, skin and clothing.

May cause skin irritation. Do not breathe spray mist or vapours. **Protective Clothing and Equipment:**

Handling the concentrate (mixing and loading): Wear coveralls over a long-sleeved shirt, long pants, chemical resistant gloves, socks and shoes, and protective eyewear (face shield or safety glasses). Rinse gloves before removal. When handling more than 265 kg a.e. (402 L IPCO 2,4-D Ester 700 Low Volatile Liquid Herbicide) per day, workers must also used a closed system. **Handling the dilute spray solution (during**

application or repairing or cleaning equipment): Wear coveralls over a long-sleeved shirt, long pants, chemical resistant gloves, socks and shoes. Coveralls should also be worn when open pouring from containers. For aerial application no human flaggers are permitted. Rinse gloves before removal. Gloves are not required during application when applicator is in an enclosed tractor or an enclosed airplane cockpit.

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 precautions: Do not spray when there is any danger of wind or on exceptionally hot days over 27 deg. C. Avoid spray or vapour drifts onto susceptible plants such as grapes, tomatoes, tobacco, sugar beets, sunflowers, beans, turnips, cauliflower, cabbage, alfalfa, clover, peas, potatoes, ornamental trees, shrubs or flowers, fruit trees, lawns, most vegetable crops or other desirable vegetation. Drift from spray may be reduced by using high volume sprays under low pressure, coarse sprays, and drop nozzles where possible. Use special care in airplane application where danger from drift is greater. Avoid contamination of foods. Do not use in a greenhouse. Keep in original container during storage. Do not store near seeds, feeds, fertilizers or pesticides used on crops sensitive to this product. Keep away from fire or open flame and other sources of heat. Clean spray equipment thoroughly after use and rinse with clean water. Do not use spray equipment to apply other pesticides to crops sensitive to this product. Do not re-use empty containers. If this pest control product is to be used on a commodity that may be exported to the U.S. and you require information on acceptable residue levels in the U.S., visit CropLife Canada's web-site at www.croplife.ca

Re-Entry Interval: Do not enter treated areas within 12-hours after application.

Environmental precautions: This product contains a petroleum distillate which is moderately to highly toxic to aquatic organisms. Avoid contamination of aquatic systems during application. Do not contaminate these

systems through direct application, disposal of waste or cleaning equipment.

Toxic to small mammals, birds, aquatic organisms and non-target terrestrial plants. Observe buffer zones specified under DIRECTIONS FOR USE (Mixing and Application Instructions).

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.

Leaching

The use of this chemical may result in contamination of groundwater particularly in areas where soils are permeable (e.g., sandy soil) and/or the depth to the water table is shallow.

Run-off

To reduce runoff from treated areas into aquatic habitats, avoid application to areas with moderate to steep slope, compacted soil or clay.

Avoid application of this product when heavy rain is forecast.

Contamination of aquatic areas as a result of runoff may be reduced by including a strip of untreated vegetation between the treated area and the edge of the water body.

To prevent run-off, avoid spraying on driveways, sidewalks or other hard surfaces. Do not irrigate within 24 hours after application.

RESISTANCE MANAGEMENT RECOMMENDATIONS: For resistance management, IPCO 2,4-D Ester 700 Low Volatile Liquid Herbicide is a Group 4 Herbicide. Any weed population may contain or develop plants naturally resistant to IPCO 2,4-D Ester 700 Low Volatile Liquid 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 IPCO 2,4-D Ester 700 Low Volatile Liquid Herbicide or other Group 4 Herbicides with different herbicide groups that control the same weeds in a field. Use tank mixtures with herbicides from a different group when such use is permitted. Herbicide use should be based on an IPM program that includes scouting, historical information related to herbicide use and crop rotation, and considers tillage (or other mechanical), cultural, biological and other chemical control practices. Monitor treated weed populations for resistance development. Prevent movement of resistant weed seeds to other fields by cleaning harvesting and tillage equipment and planting clean seed. Contact your local extension specialist or certified crop advisors for any additional pesticide resistance-management and/or integrated weed-management recommendations for specific crops and weed biotypes. For further information or to report suspected resistance, contact Interprovincial Cooperative Ltd. at 1-204-233-3461.

GO TO SECTION 2

SECTION 2

Crop: **SPRING WHEAT, BARLEY, RYE**

Treatment Stage: Ground or air application. Treat from the 4th leaf stage to just before the flag leaf (shot blade) stage. (Do not treat crop underseeded to legumes.)

Susceptible Weeds: Bluebur, Ragweed, Kochia, Lamb's-quarters, Shepherd's Purse, Stinkweed,

Cocklebur, Prickly Lettuce, Mustards, Russian Pigweed. Flixweed, Narrow-Leaved Hawk's Beard-Susceptible in the fall and at 1-2 leaf stage in the spring.

Rates to Use on Susceptible Weeds:

Small seedlings, good growing conditions: 475 mL/ha
Weeds in bud, dry conditions, or heavy infestation: 850 mL/ha

Harder to Kill Weeds: Common Peppergrass, Curled Dock, Dandelions, Redroot Pigweed, Prostrate Pigweed, Russian Thistle, Dog Mustard, Sow Thistle*, Canada Thistle*, Leafy Spurge*, Blue Lettuce*.
Flixweed, Narrow-Leaved Hawk's Beard controlled in spring if treated before bolting stage.
*Top growth control only.

Rates to Use on Harder to Kill Weeds:

Small seedlings, good growing conditions: 925 mL/ha
Weeds in bud, dry conditions, or heavy infestations: 1.1 L/ha
NOTE: These high rates may result in deformities, but improved weed control should result in higher yields.

Do not apply more than once per year.

Pre-Harvest Intervals (wheat, barley, rye):

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

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SECTION 3

Crop: WINTER WHEAT, FALL RYE

Treatment Stage: Ground or aerial application. Treat in the spring between the time the crop starts to grow until the flag leaf stage.

Susceptible Weed: As listed in Section 2.

Rates to Use on Susceptible Weeds:

Small seedlings, good growing conditions: 475 mL/ha
Weeds in bud, dry conditions, very heavy infestations: 700 mL/ha

Harder to Kill Weeds: As listed in Section 2.

Rate to Use on Harder to Kill Weeds:

Small seedlings growing rapidly, good growing conditions: 785 mL/ha
(Rates above 785 mL/ha may cause damage.)

Do not apply more than once per year.

Pre-Harvest Intervals (winter wheat, fall rye):

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

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SECTION 4

Crop: ESTABLISHED GRASS PASTURES, RANGELAND

Treatment Stage: Ground or aerial application. Treat established pastures only in spring (May and early June) or early September.

Susceptible Weeds: As listed in Section 2.

Rates of Use on Susceptible Weeds:

Young Weeds:	1.5 L/ha
Older Weeds:	2.5 L/ha

Harder to Kill Weeds: As listed in Section 2.

Rate to Use on Harder to Kill Weeds: 2.5 L/ha

Do not apply more than twice per year.

Pre-Harvest Intervals (established grass pastures, rangeland):

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

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SECTION 5

Crop: WEEDS & BRUSH ON NON-CROP LAND (e.g., rights-of-way for transportation, rights-of-way for utility lines, airports, wastelands and industrial parks)

Susceptible Species: Consult provincial spray calendars for a list of susceptible species. Do not apply by air.

Rates to Use: 3.25 - 6.25 L/ha

Rate of Water: Use sufficient water to wet foliage thoroughly, 800 - 1600 L/ha.

Maximum Rates: **Annual and perennial weed control:** 3.4 L/ha
Do not apply more than twice per year.

For hand-held equipment, do not apply more than 4.1 L per person per day.

Woody plant control: 6.25 L/ha
Do not apply more than twice per year.

For hand-held equipment, do not apply more than 7.2 L per person per day without a respirator or 12.1 L per person per day with a respirator.

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SECTION 6

Crop: **BASAL BARK AND STUMP TREATMENT**

Susceptible Species: Consult provincial spray calendars for a list of susceptible species.

Rates to Use: 2.5 Litres in 100 Litres of diesel fuel. Spray to run-off.

For hand-held equipment, do not apply more than 4.1 L per person per day.

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SECTION 7

TANK MIXES: Use tank mixes only when they are recommended for use. Read and follow the directions, aerial application directions, warnings, precautions, and grazing limitations on both products used in a tank mix.

1. TANK MIX: IPCO 2,4-D Ester 700 Low Volatile Liquid Herbicide + **Avenge®¹ 200-C**

Crop: Spring and Winter Wheat, Durum Wheat and Barley.
(See Avenge 200 C label for specific variety limitations.)

Treatment Stage: Apply at the 3-5 leaf stage of Wild Oats.

Weeds Controlled: Wild Oats, Broadleaf Weeds susceptible to 2,4-D (see Section 2).

Rates to Use: Avenge 200-C 3.5-4.25 L/ha
+ 2,4-D L.V. Ester 700 + 600-800 mL/ha

2. TANK MIX: IPCO 2,4-D Ester 700 Low Volatile Liquid Herbicide + Assert ®¹ 300 g/L

Crop: Hard Red Spring Wheat, Durum Wheat and Barley; Prairie Provinces and Peace River Region of British Columbia.

Treatment Stage: 4-6 leaf of crop, 1-4 leaf wild oats

Weeds Controlled: Wild oats, broadleaf weeds susceptible to 2,4-D (see Section 2)

Rates to Use: Assert 300 g/L 1.3 - 1.6 L/ha
+ IPCO 2,4-D Ester 700 Low Volatile Liquid Herbicide + 475 mL/ha - 850 mL/ha

See Assert label for full details on rates and time of application.

3. TANK MIX: IPCO 2,4-D Ester 700 Low Volatile Liquid Herbicide + Express DF ®² (75%)

Crop: Spring and Durum Wheat and Barley; Prairie Provinces and the Peace River Region of British Columbia.

Treatment Stage: 3 leaf to flag leaf (shot blade) stage of the crop, prior to head emergence and when weeds are less than 10 cm across or high before the crop canopy closes. See Express DF (75%) label for details on wild buckwheat and Canada thistle suppression.

Weeds Controlled: Cow cockle, Flixweed (fall rosette and spring seedlings), Kochia (2-10 leaf), Lamb's-Quarters, Prickly Lettuce, Ball Mustard, Hare's Ear Mustard, Indian

Mustard, Tumble Mustard, Wormseed Mustard, Wild Mustard, Narrow-Leaved Hawk's Beard (fall rosettes and spring seedlings), Redroot Pigweed, Russian Pigweed, Russian Thistle, Shepherd's Purse (fall rosettes and spring seedlings), Stinkweed (fall rosettes and spring seedlings), Annual Sunflowers, Sweetclover, Thyme-Leaved Spurge and Wild Radish; plus "suppression" of Canada Thistle and Wild Buckwheat (see Express DF (75%) label for details).

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Rates to Use: Express DF (75%) 10 grams/ha
+ IPCO 2,4-D Ester 700 Low Volatile Liquid Herbicide + 600 - 800 mL/ha

4. TANK MIX: IPCO 2,4-D Ester 700 Low Volatile Liquid Herbicide + **Refine Extra (75%) + Surfactant (eg. Ag-Surf®)**

Crop: Wheat (Spring, Durum and Winter) and Barley. DO NOT USE ON OATS.

Treatment Stage: Full 3 leaf to just before the flag leaf of the crop prior to canopy closing. Apply to young, actively growing weeds that are less than 10 cm high or across.

Weeds Controlled: Control of annual Smartweed (Green Smartweed and Lady's-Thumb), Ball Mustard, Burdocks (seedling), Chickweed, Cocklebur, Common Ragweed, Cow Cockle, False Ragweed, Flixweed, Giant Ragweed, Corn Spurry, Hare's-Ear Mustard, Hemp-Nettle, Indian Mustard, Kochia, Lamb's-Quarters, Plantain (common), Prickly Lettuce, Redroot Pigweed, Russian Pigweed, Russian Thistle, Shepherd's Purse, Stinkweed, Sweetclover, Tartary Buckwheat, Tumble Mustard, Wild Buckwheat, Wild Mustard, Wild Radish, Wormseed Mustard and Volunteer Rapeseed. SUPPRESSION of Sow Thistle, Round-Leaved Mallow and Canada Thistle (See Refine Extra label for details).

Rates to Use: Refine Extra (75%) 20 grams /ha
IPCO 2,4-D Ester 700 Low Volatile Liquid Herbicide + 600 mL - 800 mL/ha
+Surfactant (eg. Ag-Surf) + 2 L/1000 L of spray solution

5. TANK MIX: IPCO 2,4-D Ester 700 Low Volatile Liquid Herbicide + Ally ®² + Surfactant (eg. Ag-Surf®)

Crop: For use on Wheat and Barley in the Prairie Provinces and the Peace River Region of British Columbia (soil pH of 7.9 or lower)

Treatment Stage: Full 3 leaf to just before the flag leaf stage of wheat and barley to actively growing weeds (See Ally label for full details).

Weeds Controlled: Annual Sunflower, Chickweed, Cow Cockle, Flixweed, Green Smartweed, Hemp-Nettle, Kochia, Narrow-Leaved Hawk's Beard (spring seedlings), Plantain, Prickly Lettuce, Redroot Pigweed, Russian Pigweed, Russian Thistle, Sow Thistle, Stinkweed, Sweetclover, Volunteer Rape seed, Wild Mustard and Wormseed Mustard. SUPPRESSION of Canada Thistle, Sow Thistle and Wild Buckwheat (See Ally label for details) The high rate of Ally in tank-mix will control Bluebur, Corn Spurry, Prostrate Pigweed, Stork's Bill, Common Groundsel, Lady's-Thumb, Scentless Chamomile and Tartary Buckwheat as well.

Rates to Use: Ally 5.0 - 7.5 grams/ha
+ IPCO 2,4-D Ester 700 Low Volatile Liquid Herbicide + 600 mL - 800 mL/ha

+ Surfactant (eg. Ag-Surf)

+ 2 Litres/1000 L of
spray solution

Pre-Harvest Intervals (spring, winter, and durum wheat, barley):

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

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SECTION 8

Crop:	RED SKINNED POTATOES (i.e. for Skin Colour Enhancement of Red Skinned Potatoes)
Rate to Use:	118.9 mL per ha (78.5 g a.i./ha)
Number of Applications:	2 applications per year
Application Timing/Interval:	The first application at pre-bud stage and the second application at 10-14 days after the first application
Application Method:	Broadcast foliar by ground only
Spray Volume:	50 – 250 L spray solution per hectare
Pre-Harvest Interval:	24 days
Geographical Use Zones:	National
Additional Use Directions:	Application of this herbicide on potatoes may result in crop injury, but tuber yield should not be affected
	For Use in red potatoes grown for fresh market only

SECTION 9

MIXING AND APPLICATION INSTRUCTIONS

- Mixing:**
1. Fill tank 1/2 full with water. Start agitation.
 2. Add IPCO 2,4-D Ester 700 Low Volatile Liquid Herbicide. **Transfer System:** For containers larger than 20 L use a direct transfer system that avoids open pouring when transferring the liquid concentrate from such containers into the spray tank.
 3. When Avenge 200-C is used, add after IPCO 2,4-D Ester 700 Low Volatile Liquid Herbicide when tank is 3/4 full. When Express DF (75%), Refine Extra (75%), Ally, or Assert 300g/L is used, add to the spray tank before the 2,4-D. Then add the IPCO 2,4-D Ester 700 Low Volatile Liquid Herbicide when the tank is 3/4 full. Add the Surfactant (where applicable) last. See labels of products in tank-mix for full details of mixing.
 4. Complete filling of tank with water while maintaining continuous agitation.
 5. Use 60-240 litres of water per hectare for application by ground equipment unless otherwise specified on tank-mix product labels.
 6. Do not exceed 275 kPa pressure for ground application.

DO NOT apply this product directly to freshwater habitats such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs and wetlands, estuaries or marine habitats.

DO NOT contaminate irrigation/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) 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) coarse classification. To reduce drift caused by turbulent wingtip vortices, the nozzle distribution along the spray boom length MUST NOT exceed 65% of the wing- or rotorspan.

Use Precautions for Aerial Application (to cereals, pastures, rangeland):

1. Avoid direct applications to any body of water. Do not contaminate water through spray drift or by cleaning of equipment or disposal of wastes.
2. A minimum volume of 30 L per hectare of spray solution should be used, depending on the type of application system and the target site. Use boom pressure of 235 kPa or less. Avoid placing nozzles where spray will enter wing tip vortices.
3. 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.
4. 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 airstream and do not increase spray volume by increasing nozzle pressure. When spraying avoid combinations of pressures 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.
5. Do not use human flaggers.
6. 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. Do not spray in winds exceeding 8 km per hour.

BUFFER ZONE INFORMATION

Buffer Zones to Protect Sensitive Habitat

Use of the following spray methods or equipment DO NOT require a buffer zone: hand-held or backpack sprayer and spot treatment.

Seasonal water bodies require 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, buffer zones for protection of sensitive terrestrial habitats are not required; however, the best available application strategies that 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 buffer zones for protection of sensitive aquatic habitats.

The 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.

Method of Application	Crop	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*	Field crops**	1	1	1	1	1	
	Established pastures and rangelands, non-cropland (including rights-of-way *** and brush control)	1	1	1	1	2	
Aerial	Field Crops**	Fixed wing	10	0	1	0	45
		Rotary wing	10	0	1	0	40
	Established pastures, rangelands	Fixed wing	15	0	1	0	60
		Rotary wing	15	0	1	0	50

* For field sprayer application, buffer zones can be reduced with the use of drift reducing spray shields. When using a spray boom fitted with a full shield (shroud, curtain) that extends to the crop canopy, the labelled buffer zone can be reduced by 70%. When using a spray boom where individual nozzles are fitted with cone-shaped shields that are no more than 30 cm above the crop canopy, the labelled buffer zone can be reduced by 30%.

** Field crops include: cereal grains (spring wheat, barley, rye, winter wheat, fall rye).

*** For application to rights-of-way, buffer zones for protection of sensitive habitats are not required.

When a tank mixture is used, consult the labels of the tank-mix partners and observe the largest (most restrictive) buffer zone of the products involved in the tank mixture.

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SECTION 10

FIRST AID:

1. Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.
2. **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. Rush patient to nearest hospital or doctor's office. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.
3. **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.
4. **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.

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SECTION 11

TOXICOLOGICAL INFORMATION: 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. Treat symptomatically. This product contains a petroleum distillate. Vomiting may cause aspiration pneumonia.

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SECTION 12

RINSING AND DISPOSAL INFORMATION

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

NOTICE TO USER

This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.

- ®1 Registered Trade Mark BASF Inc.
- ®2 Registered Trade Mark DuPont Canada Inc.
- ® Registered Trade Mark Interprovincial Cooperative Ltd

(Base Label)

GROUP	4	HERBICIDE
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IPCO®

**2,4-D ESTER 700
Low Volatile
LIQUID HERBICIDE**

AGRICULTURAL

**READ THE LABEL
BEFORE USING.**

GUARANTEE: 2,4-D, Present as 2-ethylhexyl ester: 660 g a.e./L

REGISTRATION NO: 20310
PEST CONTROL PRODUCTS ACT

NET CONTENTS
10 litres

WARNING POISON

Interprovincial Cooperative Limited,
P.O. Box 1050, Saskatoon, Saskatchewan S7K 3M9
1-204-233-3461

*T.M. Reg'd

RC599-0211

BACK PANEL

PRECAUTIONS:

Handling precautions: KEEP OUT OF REACH OF CHILDREN. Avoid contact with eyes, skin and clothing. May cause skin irritation. Do not breathe spray mist or vapours. **Protective Clothing and Equipment: Handling the concentrate (mixing and loading):** Wear coveralls over a long-sleeved shirt, long pants, chemical resistant gloves, socks and shoes, and protective eyewear (face shield or safety glasses). Rinse gloves before removal. When handling more than 265 kg a.e. (402 L IPCO 2,4-D Ester 700 Low Volatile Liquid Herbicide) per day, workers must also use a closed system. **Handling the dilute spray solution (during application or repairing or cleaning equipment):** Wear coveralls over a long-sleeved shirt, long pants, chemical resistant gloves, socks and shoes. Coveralls should also be worn when open pouring from containers. For aerial application no human flaggers are permitted. Rinse gloves before removal. Gloves are not required during application when applicator is in an enclosed tractor or an enclosed airplane cockpit.

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 precautions: KEEP OUT OF REACH OF CHILDREN. Do not spray when there is any danger of wind or on exceptionally hot days over 27°C. Avoid spray or vapour drifts onto susceptible plants such as grapes, tomatoes, tobacco, sugar beets, sunflowers, beans, turnips, cauliflower, cabbage, alfalfa, clover, peas, potatoes, ornamental trees, shrubs or flowers, fruit trees, lawns, most vegetable crops or other desirable vegetation. Drift from spray may be reduced by using high volume sprays under low pressure, coarse sprays, and drop nozzles. Use special care in airplane application where danger from drift is greater. Avoid contamination of foods. Do not use in a greenhouse. Keep in original container during storage. Do not store near seeds, feeds, fertilizers or pesticides used on crops sensitive to this product. Keep away from fire or open flame and other sources of heat. Clean spray equipment thoroughly after use and rinse with clean water. Do not use spray equipment to apply other pesticides to crops sensitive to this product. Do not reuse empty containers. If this pest control product is to be used on a commodity that may be exported to the U.S. and you require information on acceptable residue levels in the U.S., visit CropLife Canada's web-site at www.croplife.ca

Re-Entry Interval: Do not enter treated areas within 12-hours after application.

Environmental precautions: This product contains a petroleum distillate which is moderately to highly toxic to aquatic organisms. Avoid contamination of aquatic systems during application. Do not contaminate these systems through direct application, disposal of waste or cleaning equipment.

Toxic to small mammals, birds, aquatic organisms and non-target terrestrial plants. Observe buffer zones specified under DIRECTIONS FOR USE (Mixing and Application Instructions).

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.

Leaching

The use of this chemical may result in contamination of groundwater particularly in areas where soils are permeable (e.g., sandy soil) and/or the depth to the water table is shallow.

Run-off

To reduce runoff from treated areas into aquatic habitats, avoid application to areas with moderate to steep slope, compacted soil or clay.

Avoid application of this product when heavy rain is forecast.

Contamination of aquatic areas as a result of runoff may be reduced by including a strip of untreated vegetation between the treated area and the edge of the water body.

To prevent run-off, avoid spraying on driveways, sidewalks or other hard surfaces. Do not irrigate within 24 hours after application.

RINSING AND DISPOSAL INFORMATION

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

FIRST AID:

1. Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.
2. **Ingestion:** 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. Rush patient to nearest hospital or doctor's office. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.
3. **Eye Contact:** 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.
4. **Skin or Clothing Contact:** 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.

TOXICOLOGICAL INFORMATION: 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. Treat symptomatically. This product contains a petroleum distillate. Vomiting may cause aspiration pneumonia.

NOTICE TO USER: This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.

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