

**PMRA APPROVED – IP**

Sub. No. 2019-2008

June 2019

Last Approved Label 2006-4814

**(Front Panel)**

**GROUP 4 HERBICIDE**

**IPCO®**  
**DICHLORPROP-DX**  
**HERBICIDE**

EMULSIFIABLE CONCENTRATE

**AGRICULTURAL**

READ THE LABEL AND THE BOOKLET BEFORE USING

**ACTIVE INGREDIENT:** Dichlorprop-P: 210 g a.e./L  
2,4-D: 400 g a.e./L  
(both present as 2-ethylhexyl esters)

REGISTRATION NO.: 29664  
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./M.D.

RC 000-0610

**DETACH LABEL AT PERFORATION. THIS PORTION MUST REMAIN ATTACHED TO THE CONTAINER.**

**PRECAUTIONS: Handling precautions: KEEP OUT OF REACH OF CHILDREN.** Harmful or fatal if swallowed. Avoid contact with eyes, skin and clothing. Avoid inhaling vapours or mist. **Protective Clothing and Equipment: Handling the concentrate (Mixing/Loading) for All scenarios:** Mixers/loaders must wear coveralls over a long-sleeved shirt, long pants and chemical-resistant gloves, socks and shoes and protective eye wear (face shield or safety glasses). Rinse gloves before removal. When handling more than 265 kg acid equivalents (662 L) of 2,4-D per day (based on the application rate and area treated per day), workers must also use a closed system. **Application using Ground or Aerial Equipment:** Applicators must wear coveralls over a long-sleeved shirt and long pants, socks and shoes. Chemical-resistant gloves must also be worn during clean-up and repair activities. Rinse gloves before removal. Gloves are not required during application when applicator is in an enclosed tractor or an enclosed airplane cockpit. **Application Using Handheld Equipment:** Applicators must wear coveralls over a long-sleeved shirt, long pants and chemical-resistant gloves. Mixers/loaders/applicators using handheld equipment must wear a respirator if they will be handling more than 5 kg acid equivalents of 2,4-D per day. DO NOT handle more than 8 kg 2, 4-D per day. **Re-Entry Interval:** Re-entry is not permitted until 12-hours after application to all agricultural scenarios. Apply only when the potential for drift to areas of human habitation or areas of human activity such as houses, cottages, schools and recreational areas is minimal. Take into consideration wind speed, wind direction, temperature, application equipment and sprayer settings. **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:** When tank-mixing, observe the most stringent precautionary measures for handling and mixing stated on both product labels. Handle with care and mix only in a closed container. Use only in a well ventilated area. May cause damage to susceptible crops, ornamentals and other plants, in minute quantities. Avoid drift to desirable vegetation. Do not spray during periods of high wind. Coarse sprays are less likely to drift. Avoid contamination of foods. Keep in original container during storage. Do not re-use container unless otherwise specified. Store the container tightly closed away from seeds, fertilizers, plants and foodstuffs. May be stored at any temperature. **SHAKE WELL BEFORE USING.** Clean spray equipment thoroughly after use. 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., contact 1-866-375-4648 or [www.croplife.org](http://www.croplife.org). **ENVIRONMENTAL HAZARDS:** Refer to the attached booklet for complete environmental hazards. **FIRST AID: 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. Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention. **TOXICOLOGICAL INFORMATION:** No specific antidote. Treatment of any systemic intoxication should be primarily symptomatic and supportive. Contains petroleum distillates. Do not induce vomiting. **DISPOSAL INFORMATION: For 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 requirements. **For Returnable Containers:** Do not reuse this container for any purpose. For disposal, this container may be returned to the point of purchase (distributor/dealer). **For Returnable/Refillable Containers:** For disposal, this container may be returned to the point of purchase (distributor/dealer). It must be refilled by the distributor/dealer with the same product. Do not reuse this container for any other purpose. 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.

(Detachable Booklet)

DETACH LABEL INSTRUCTIONS AT PERFORATION

GROUP 4 HERBICIDE

# IPCO®

# DICHLORPROP-DX

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## LABEL INDEX IPCO DICHLORPROP-DX HERBICIDE

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### DIRECTIONS FOR USE:

#### SECTION 1 - SPRING WHEAT, BARLEY, WINTER WHEAT (not underseeded to legumes)

##### DO NOT APPLY TO OATS.

**Treatment Stage:** Ground or aerial application. For Spring Wheat or Barley, treat from the 4-leaf expanded to the early flag-leaf (shot blade) stage.  
Ground or aerial application. For Winter Wheat, treat in the spring from full tillering to the shot blade stage. Do not apply during and after the flag-leaf stage. Do not apply to seedling winter cereals in the fall.

**Susceptible Weeds:** Annual sow-thistle, Ball mustard, Blue bur, Burdock, Canada thistle\*, Cocklebur, Curled dock\*, Dog mustard, Flixweed, Hare's ear mustard, Indian mustard, Kochia\*\*, Lady's-thumb\*\*\*, Lamb's-quarters, Night-flowering catchfly\*\*\*\*, Oak-leaved goosefoot, Perennial sow-thistle\*, Ragweed, Redroot pigweed, Round-leaved mallow, Russian pigweed, Russian thistle\*\*, Shepherd's purse, Smartweed\*\*\*, Stinkweed, Stork's-bill, Tartary buckwheat\*\*\*, Tumble mustard, Volunteer rapeseed (Canola), Volunteer sunflower\*\*\*, Wild buckwheat\*\*\*, Wild mustard, and Wormseed mustard.

- \* Top growth control only
- \*\* Spray before plants are 5 cm. high
- \*\*\* Spray before the four leaf stage
- \*\*\*\* Spring annuals only

**Rate to Use:** 1.2 L/ha  
IPCO Dichlorprop-DX will provide best results if applied when weeds are young and growing actively.

**Note:** Crops under stress from adverse environmental conditions such as excess moisture, drought, disease, etc. may suffer a further setback when IPCO Dichlorprop-DX is applied; however, the crop injury that may occur is usually offset by the benefits of enhanced weed control. Apply in warm weather when the crop and weeds are growing well, and the weeds are at a susceptible stage. Avoid application during cool weather, drought conditions, or during exceptionally hot weather.

**Toadflax:** Suppression only (where suppression is a visual reduction in weed competition, i.e. reduced population and/or vigour). Degree of suppression will vary with the size of the Toadflax and

environmental conditions prior to and following treatment. Apply when the majority of the Toadflax are no taller than 15 cm. Use of IPCO Dichlorprop-DX for suppression of Toadflax in wheat or barley is part of a long-term planned approach for Toadflax control, which includes spring and fall tillage, fall patch spraying, summer fallow and/or chemical fallow.

**Pre-harvest intervals:**

Do not use treated cereals for grazing of livestock or green feed until 40 days after application of IPCO Dichlorprop-DX. Do not cut treated cereals for forage until 40 days after application of IPCO Dichlorprop-DX. Withdraw meat animals from treated fields at least 3 days before slaughter.

Observe a minimum interval to harvest of 60 days after treatment.

Observe a minimum plant-back interval of 30 days.

**SECTION 2 – MINOR USE IN SWITCHGRASS AND MISCANTHUS**

**NOTE TO USER: READ THE FOLLOWING BEFORE USING THIS PRODUCT FOR SPECIAL USE APPLICATIONS:** The DIRECTIONS FOR USE for this product for the uses described below were developed by persons other than Interprovincial Cooperative Ltd. and accepted for registration by Health Canada under the User Requested Minor Use Label Expansion program. Interprovincial Cooperative Ltd. itself makes no representation or warranty with respect to product performance (efficacy) or crop tolerance (phytotoxicity) claims for this product when used on the crops listed below. Accordingly, the Buyer and User assume all risks related to performance and crop tolerance arising, and agree to hold Interprovincial Cooperative Ltd. harmless from any claims based on efficacy or phytotoxicity in connection with these uses.

**Treatment Stage:** Ground application only. Treat at the 2-4 leaf stage of switchgrass and the 4-6 leaf stage of miscanthus in the seedling year and in the Spring of the second year of production, post-emergent to the weeds.

**Susceptible Weeds:** Annual sow-thistle, Ball mustard, Blue bur, Burdock, Canada thistle\*, Cocklebur, Curled dock\*, Dog mustard, Flixweed, Hare's ear mustard, Indian mustard, Kochia\*\*, Lady's-thumb\*\*\*, Lamb's-quarters, Night-flowering catchfly\*\*\*\*, Oak-leaved goosefoot, Perennial sow-thistle\*, Ragweed, Redroot pigweed, Round-leaved mallow, Russian pigweed, Russian thistle\*\*, Shepherd's purse, Smartweed\*\*\*, Stinkweed, Stork's-bill, Tartary buckwheat\*\*\*, Tumble mustard, Volunteer rapeseed (Canola), Volunteer sunflower\*\*\*, Wild buckwheat\*\*\*, Wild mustard, and Wormseed mustard.

- \* Top growth control only
- \*\* Spray before plants are 5 cm. high
- \*\*\* Spray before the four leaf stage
- \*\*\*\* Spring annuals only

**Rate to Use:** 1.2 L/ha  
IPCO Dichlorprop-DX will provide best results if applied when weeds are young and growing actively.

Do not graze or cut treated crops for forage or hay until at least 365 days after the last application.

**Note:** Crops under stress from adverse environmental conditions such as excess moisture, drought, disease, etc. may suffer a further setback when IPCO Dichlorprop-DX is applied; however, the crop injury that may occur is usually offset by the benefits of enhanced weed control. Apply in warm weather when the crop and weeds are growing well, and the weeds are at a susceptible stage. Avoid application during cool weather, drought conditions, or during exceptionally hot weather.

**GO TO SECTION 6**

### SECTION 3 - BRUSH CONTROL

#### A) FOLIAGE STEM TREATMENT:

Do not apply by air. Apply in late spring or early summer just after the leaves are fully developed. The foliage and stems should be wet thoroughly right down to the ground level.

**Susceptible Species:** Buckbrush, Hawthorne, Poplar, Scotch Pine, Sugar Maple, White Cedar, Wild Cherry, Wild Plum, Wild Raspberry.

**Rate to Use on Susceptible Species:** 6.0 L/1000 L of water

#### **Rate of Spray Mixture to Apply:**

750 to 1500 litres of spray mixture per hectare.

Use the higher volumes where brush density and height are greater.

#### **Harder to Control Species:**

Alder, Aspen, Basswood, Balsam fir, Birch, Bur Oak, Blueberry, Elderberry, Elm, Ground Juniper, Hardhack, Hazel, Hickory, Honeysuckle, Manitoba Maple, Poison Ivy, Raspberry, Red Pine, Rose (some re-growth may occur), Silver Maple, Sugar Maple (some re-growth), Sumac, Tamarack, White Oak, Wild Apple, Willow.

**Rate to use on Harder to Control Species:** 8.0 L/1000 L. of water

#### **Rate of Spray Mixture to Apply:**

750 to 1500 litres of spray mixture per hectare.

Use the high volumes where brush density and height are greater.

#### **Mixed Deciduous and Coniferous Brush Control:**

Vanquish Herbicide can be used in a tank mix with IPCO Dichlorprop-DX. To control mixed deciduous and coniferous species such as aspen, alder, cherry, balsam, poplar, basswood, birch, elm, bur oak, spruce, pine, balsam fir, tamarack and white cedar, mix 5.7 L of IPCO Dichlorprop-DX plus 6.25 L of Vanquish Herbicide. For ground application, use 1000L.

For aerial application to control aspen, poplar and white birch, mix 5.8 L of IPCO Dichlorprop-DX plus 5.2 L of Vanquish Herbicide. This tank-mix may be applied in not less than 85L of water per hectare. Do not use nozzle pressure above 300 kPa. Do not spray when wind velocities are above 8 km/hour. Avoid drift onto desirable vegetation.

Apply IPCO Dichlorprop-DX plus Vanquish Herbicide tank mixes in spring or early summer to coniferous and deciduous species (leaves should be fully expanded). Apply to all foliage to the point of run off. Brush and trees over 3m should be cut and regrowth sprayed when it is over 0.6 metres tall. Do not mix with oils. The volume of spray per hectare will vary according to the height and density of the woody species present. Complete coverage is essential for effective control.

## **B) BASAL STEM TREATMENT:**

Kills hard-to-kill woody plants. The solution can be applied to the basal part of the standing brush during any time of the year. This treatment is not effective for basswood or ash. Apply thoroughly to cause runoff on all sides of stems from ground line to 1 metre high. Apply with the basal bark method on scattered brush or as a second spray on species resistant to a first foliage spray. Not effective when applied after formation of corky bark. Mix 16 to 22 litres of IPCO Dichlorprop-DX in 1000 litres of diesel or fuel oil. Apply with low volume knapsack sprayer or power equipment. Concentration will depend on species present, volume of spray used and season applied.

**Rates of application:** **Susceptible and intermediate species:** 1.6 L/100L of diesel or fuel oil  
**Hard-to-kill species:** 2.2 L/100L of diesel or fuel oil

## **C) MODIFIED BASAL STEM TREATMENT:**

Drench the base of plants, then wet remaining stems and leaves to run-off, spraying 4/5 of the plants from bottom up. Treat when brush is in full foliage. This method may be used where susceptible species have been controlled by prior sprays and resistant species, such as maple, oak and ash remain. Drenching the base of the plant and wetting all stems to run-off is essential for complete control. Not effective after corky bark formation.

### **Rates of application: Early season spraying:**

Add 5.5 – 8.3 L of IPCO Dichlorprop-DX to 100L of diesel or fuel oil and mix thoroughly. Add this mixture to 890 L of water.

### **Dry weather, or the latter part of spray season:**

Add 8.3 L of IPCO Dichlorprop-DX to 150 of diesel or fuel oil and mix thoroughly. Add this mixture to 840 L of water.

Stir thoroughly before spraying, particularly if material is allowed to stand for more than one hour after mixing.

## **D) CUT SURFACE METHOD:**

### **i) Stump Treatment:**

To prevent re-growth treat stumps immediately after cutting by spraying or painting stumps, exposed roots and cut surface. The rate for all species is 2.25 L/100 L of diesel or fuel oil. Thorough drenching is essential.

### **ii) Frill Treatment:**

This method is recommended for resistant standing trees of more than 13 to 15 cm in diameter. Make a frill by using an axe to cut overlapping notches in a continuous ring around the trunk near its base. Cut frills with axe (downward) close together around trunk without removing bark. Spray or paint exposed wood until runoff. Pour in as much of this mixture as the frill will hold without wasting chemical. Treat freshly cut frills at anytime of the year. The rate for Frill Treatment is 2.25 L/100 L of diesel or fuel oil.

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## **SECTION 4 - WEED CONTROL ON ROADSIDE, UTILITY LINES, RAILWAY RIGHTS-OF-WAY AND UNCROPPED LAND.**

**Treatment Stage:** Aerial application to **UNCROPPED LAND** only. Treat foliage in May or September.

**Susceptible Weeds:** Alfalfa, Bull thistle, Burdock, Buttercup, Canada thistle, Chicory, Cinquefoil, Curled dock, Dandelion, Dogbane, Goat's-beard, Goldenrod, Hawkweed, Horsetail\*, Milkweed\*, Mullein, Plantain, Perennial sow-thistle, Sweet clover, Tansy, Teasel, Toadflax\*, Vetch, Wild carrot, Yellow rocket and annual weeds listed in the Wheat/Barley section.

\*Top growth control only



**Rate to Use on Susceptible Weeds:** 2.75 L/ha

**Note:** Most perennial weeds are best controlled by spraying the foliage during the month of May or in early fall. Some species of weeds may require a second treatment. Spray weed infested areas with an even spray pattern, making sure weeds shielded by high grass are thoroughly wetted. Spray tall weeds to run off. Apply 200-600 L/ha of spray mixture. The higher volume will assure better coverage, particularly where high grass cover is present. Not for in-crop use.

For Poison Ivy control, see **BRUSH CONTROL** section.

**Pre-harvest intervals (Roadsides , Rights-of- Way, Uncropped Land):**

Do not use treated vegetation for grazing of livestock or green feed until 40 days after application. Do not cut treated vegetation for forage until 40 days after application of IPCO Dichlorprop-DX. Withdraw meat animals from treated fields at least 3 days before slaughter. Do not exceed 2.24 kg active ingredient per hectare of 2,4-D per season.

**GO TO SECTION 6**

**SECTION 5 – TANK-MIXES**

IPCO Dichlorprop-DX Herbicide may be used in combination with selected grass herbicides in wheat and barley for the convenience of one-pass in-crop weed control.

Consult the label of the tank mix partner product, and follow the most stringent set of precautions, restrictions and directions for use.

Particular attention should be given to appropriate crop and weed growth stage for application, varietal and recropping restrictions, minimum water volumes, and application techniques and conditions.

<b>Partner Product</b>	<b>Crops</b>	<b>Application Technique</b>
Achieve Liquid Herbicide, Marengo, Bison 400 L	Wheat (spring, winter, durum) Barley	Ground or aerial
Assert 300 SC Herbicide, Avert Herbicide	Wheat (spring, durum) Barley	Ground only
Avenge 200-C Wild Oat Herbicide	Wheat (spring, winter, durum) Barley	Ground only
Everest Solupak 70 DF Herbicide, Sierra 70 WDG Herbicide	Wheat (spring)	Ground only
Horizon Herbicide Tank-Mix, Horizon NG, Legend Herbicide Tank-Mix, Foothills Herbicide Tank-Mix, Signal Herbicide Tank-Mix, NextStep Herbicide Tank-Mix, NextStep NG, MANA Ladder 240 EC	Wheat (spring, durum)	Ground only
Puma <sup>120</sup> Super, Wildcat Herbicide	Wheat (spring, durum) Barley	Ground or aerial
IPCO Vigil, Bengal 120 EC	Wheat Only (spring, durum)	Ground or aerial

**GO TO SECTION 5**

**SECTION 6 - MIXING AND APPLICATION**

1. Fill tank 1/2 full with water. Start agitation.
2. Add IPCO Dichlorprop-DX.
3. When tank-mixes are used, consult the tank-mix product label for full mixing instructions.
4. Complete filling of tank.
5. Use 50-200 litres of water per hectare for ground application unless otherwise specified or on tank-mix product labels.
6. Do not exceed 275 kPa pressure for ground application.
7. **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.

As this product is not registered for the control of pests in aquatic systems, **DO NOT** use to control aquatic pests.

**DO NOT** contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

**Field sprayer application: DO NOT** apply during periods of dead calm. Avoid application of this product when winds are gusty. **DO NOT** apply with spray droplets smaller than the American Society of Agricultural Engineers (ASAE) medium 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) medium 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 (see specific sections for crops)**

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.

A minimum volume of 30 litres per hectare of spray solution can be safely 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.

#### **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.

Do not apply to any body of water. Avoid drifting of spray onto any body of water or other non-target areas. Specified buffer zones should be observed.

Coarse sprays are less likely to drift, therefore, avoid combinations of pressure and nozzle type that will result in fine particles (mist). Do not apply during periods of dead calm or when wind velocity and direction pose a risk of spray drift. Do not spray when the wind is blowing towards a nearby sensitive crop, garden, terrestrial habitat (such as shelterbelt) or aquatic habitat. No human flaggers are permitted.

#### **Operator Precautions**

Do not allow the pilot to mix chemicals to be loaded onto the aircraft. Loading of pre-mixed chemicals with a closed system is permitted. It is desirable that the pilot has 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.

## BUFFER ZONE INFORMATION

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

For application to rights-of-way, 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 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:				Terrestrial Habitat
			Freshwater Habitat of Depths:		Estuarine/Marine Habitats of Depths:		
			Less than 1 m	Greater than 1 m	Less than 1 m	Greater than 1 m	
Field Sprayer*	Wheat, barley, switchgrass, miscanthus		1	0	0	0	1
	Roadsides, rights-of-way		1	0	0	0	2**
	Non-cropland		3	1	1	1	5**
Aerial	Wheat, barley	Fixed wing	5	0	0	0	30
		Rotary wing	3	0	0	0	30
	Non-cropland	Fixed wing	200	1	20	1	350**
		Rotary wing	90	1	10	1	200**

\* 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 labeled 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 labeled buffer zone can be reduced by 30%.

\*\* Buffer zones for the protection of terrestrial habitats are not required for use on rights-of way including railroad ballast, rail and hydro rights-of-way, utility easements, roads, and training grounds and firing ranges on military bases.

For tank mixes, consult the labels of the tank-mix partners and observe the largest (most restrictive) 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.

### Product Specific Precautions

Read and understand the entire label before opening this product. If you have questions, call the manufacturer at 1-204-233-3461 or obtain technical advice from the distributor or your provincial agricultural representative.

**GO TO SECTION 6**

## SECTION 7 - PRECAUTIONS

**Handling precautions: KEEP OUT OF REACH OF CHILDREN.** Harmful or fatal if swallowed. Avoid contact with eyes, skin and clothing. Avoid inhaling vapours or mist. **Protective Clothing and Equipment: Handling the concentrate (Mixing/Loading) for All scenarios:** Mixers/loaders must wear coveralls over a long-sleeved shirt, long pants and chemical-resistant gloves, socks and shoes and protective eye wear (face shield or safety glasses). Rinse gloves before removal. When handling more than 265 kg acid equivalents of 2, 4-D per day (based on the application rate and area treated per day), workers must also use a closed system. **Application using Ground or Aerial Equipment:** Applicators must wear coveralls over a long-sleeved shirt and long pants, socks and shoes. Chemical-resistant gloves must

also be worn during clean-up and repair activities. Rinse gloves before removal. Gloves are not required during application when applicator is in an enclosed tractor or an enclosed airplane cockpit. **Application Using Handheld Equipment:** Applicators must wear coveralls over a long-sleeved shirt, long pants and chemical-resistant gloves. Mixers/loaders/applicators using handheld equipment must wear a respirator if they will be handling more than 5 kg acid equivalents of 2, 4 -D per day. DO NOT handle more than 8 kg 2, 4-D per day.

Re-entry is not permitted until 12 hours after application to all agricultural scenarios.

Apply only when the potential for drift to areas of human habitation or areas of human activity such as houses, cottages, schools and recreational areas is minimal. Take into consideration wind speed, wind direction, temperature, application equipment and sprayer settings.

**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:**

1. When tank-mixing, observe the most stringent precautionary measures for handling and mixing stated on both product labels.
2. Handle with care and mix only in a closed container. Use only in a well ventilated area.
3. May cause damage to susceptible crops, ornamentals and other plants, in minute quantities. Avoid drift to desirable vegetation. Do not spray during periods of high wind. Coarse sprays are less likely to drift.
4. Do not contaminate any body of water. Avoid contamination of foods.
5. Keep in original container during storage. Do not re-use container unless otherwise specified. Store the container tightly closed away from seeds, fertilizers, plants and foodstuffs. May be stored at any temperature. SHAKE WELL BEFORE USING.
6. Clean spray equipment thoroughly after use.
7. 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](http://www.croplife.ca).

**ENVIRONMENTAL HAZARDS:**

This product contains an active ingredient and aromatic petroleum distillates which are toxic to aquatic organisms.

Toxic to aquatic organisms and non-target terrestrial plants. Observe buffer zones specified under DIRECTIONS FOR USE.

Toxic to birds and small wild mammals

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.

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

Avoid application when heavy rain is forecast.

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

## RESISTANCE MANAGEMENT RECOMMENDATIONS

For resistance management, IPCO Dichlorprop-DX is a Group 4 herbicide. Any weed population may contain or develop plants naturally resistant to IPCO Dichlorprop-DX 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 Dichlorprop-DX 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 9**

## SECTION 8 - FIRST AID

1. **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.
2. **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.
3. **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.
4. **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.

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

**GO TO SECTION 9**

## SECTION 9 - TOXICOLOGICAL INFORMATION

No specific antidote. Treatment of any systemic intoxication should be primarily symptomatic and supportive. Contains petroleum distillates. Do not induce vomiting.

**GO TO SECTION 9**

## SECTION 10 - RINSING AND DISPOSAL INFORMATION

### For 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 requirements.

**For Returnable Containers :**

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

**For Returnable/Refillable Containers :**

For disposal, this container may be returned to the point of purchase (distributor/dealer). It must be refilled by the distributor/dealer with the same product. Do not reuse this container for any other purpose.

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.

(Base Label)

GROUP 4 HERBICIDE

# IPCO®

# DICHLORPROP-DX

## HERBICIDE

EMULSIFIABLE CONCENTRATE

### AGRICULTURAL

READ THE LABEL AND THE BOOKLET BEFORE USING

**ACTIVE INGREDIENT:** Dichlorprop-P: 210 g a.e./L  
2,4-D: 400 g a.e./L  
(both present as 2-ethylhexyl esters)

REGISTRATION NO.: 29664  
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./M.D.

RC 000-0610