

2008-0198
23-Nov-2010

GROUP	4	HERBICIDE
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(Front Panel)

IPCO®
PREMIUM 2-WAY XP
TURF HERBICIDE LIQUID

Net Contents 10 LITRES

Controls many broadleaf weeds including
Clover, Chickweed, Dandelions, Plantain,
Knotweed, Black Medick, and Creeping Charlie.

COMMERCIAL

READ THE LABEL AND THE BOOKLET BEFORE USING.

GUARANTEE:

2,4-D (present as dimethylamine salt): 200 g a.e./L
Mecoprop-P (present as dimethylamine salt): 200 g a.e./L
Warning, contains the allergen soy.

REGISTRATION NO. 27779
PEST CONTROL PRODUCTS ACT

WARNING

POISON

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

® T.M. Reg'd.

RC 582-0810

PRECAUTIONS: Handling Precautions: KEEP OUT OF REACH OF CHILDREN. Avoid contact with skin, eyes or clothing. **Protective Clothing and Equipment: Handling the concentrate (mixing and loading):** Wear coveralls over a long-sleeved shirt, long pants and chemical-resistant gloves, socks and shoes, and protective eyewear (face shield or safety glasses). Rinse gloves before removal. Coveralls or a chemical-resistant apron should also be worn when open pouring from containers greater than 5L. When handling more than 265 kg a.e. (1325 L of IPCO Premium 2-Way XP Turf Herbicide Liquid) 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 and chemical-resistant gloves, socks and shoes. Rinse gloves before removal. Gloves are not required during application when applicator is in an enclosed tractor.

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 in the original container. Do not store near seeds, fertilizers, and insecticides, fungicides, feed or food. DO NOT apply to fruits, vegetables and the exposed roots of trees and ornamentals. Do not apply Premium 2-Way XP Turf Herbicide Liquid during hot, dry spells. Do not mow for a least 3 days before spraying. Do not spray if rain is forecast. Do not apply to newly seeded lawns. Wait until after the third mowing.

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

ENVIRONMENTAL HAZARDS: Refer to the attached booklet for complete environmental precautions.

FIRST AID: In case of poisoning, call a physician or poison control centre IMMEDIATELY. **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 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. **If swallowed,** call a poison control centre or doctor IMMEDIATELY for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person. Take the container, label, or product name and Pest Control Product Registration Number with you when seeking medical attention.

TOXICOLOGICAL INFORMATION: This product may cause severe 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.

DISPOSAL: 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.

(Detachable Booklet)

GROUP

4

HERBICIDE

DETACH LABEL INSTRUCTIONS AT PERFORATION

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IPCO PREMIUM 2-WAY XP

Precautions	Section 1	First Aid/Toxicology	Section 3
Directions For Use	Section 2	Rinsing and Disposal	Section 4

SECTION 1 – PRECAUTIONS

Handling Precautions: KEEP OUT OF REACH OF CHILDREN. Avoid contact with skin, eyes or clothing. **Protective Clothing and Equipment: Handling the concentrate (mixing and loading):** Wear coveralls over a long-sleeved shirt, long pants and chemical-resistant gloves, socks and shoes, and protective eyewear (face shield or safety glasses). Rinse gloves before removal. Coveralls or a chemical-resistant apron should also be worn when open pouring from containers greater than 5L. When handling more than 265 kg a.e. (1325 L of IPCO Premium 2-Way XP Turf Herbicide Liquid) 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 and chemical-resistant gloves, socks and shoes. Rinse gloves before removal. Gloves are not required during application when applicator is in an enclosed tractor.

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 in the original container. Do not store near seeds, fertilizers, and insecticides, fungicides, feed or food.

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

ENVIRONMENTAL HAZARDS: Toxic to small wild mammals, birds, aquatic organisms and non-target terrestrial plants. Observe buffer zones specified under DIRECTIONS FOR USE. This product will harm other broadleaf 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. To minimize possible contamination of groundwater, the use of spot treatment application is recommended.

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 runoff, avoid spraying on driveways, sidewalks or other hard surfaces. Do not irrigate within 24 hours after application.

GO TO SECTION 2

SECTION 2 – DIRECTIONS FOR USE

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/drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

ESTABLISHED TURF (FINE): DO NOT APPLY BY AIR.

Treatment Stage: Treat when weeds are growing actively and temperature is not over 30°C in May or early June or late August and early September.

Susceptible Weeds: Dandelion, Plantain, Black Medick (Yellow Clover), Buttercup, Chickweed, Clover, English Daisy, Ground Ivy (Creeping Charlie), Knotweed (Iron Weed), Poison Ivy, Ragweed, Shepherd's Purse, Bedstraw, Heal-All, Devil's Paint Brush. For Knotweed control apply in May or June only. For control of Creeping Charlie treat in June and September for two seasons for extensive infestations.

Rates to Use: 60 mL in 10 litres of water per 100 square metre. For large areas use 5 litres in 300 litres of water/per hectare. **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.

Maximum Application Frequency to Turf: DO NOT apply more than two broadcast applications per season. This does not include spot treatments.

Re-Entry Intervals for Turf: Do not allow people (other than applicators) or pets on treatment area during application. Do not enter treated areas until spray has thoroughly dried.

Application Notes: On Bentgrass apply only as a spot treatment. Bentgrass around the weed may be injured or killed. Do not apply IPCO Premium 2-Way XP Turf Herbicide during hot, dry spells. Do not mow for at least 3 days before spraying. Do not spray if rain is forecast. Do not apply to newly seeded lawns. Wait until after the third mowing. If weed populations do not warrant a broadcast application (e.g. entire lawn), consider spot treatments that target only weedy areas. This product is only effective when applied to the leaves of actively growing weeds. This product will not prevent weeds - apply only when weeds are present. DO NOT apply to fruits, vegetables and the exposed roots of trees and ornamentals.

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.

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.

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.

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.

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*	Established turf (fine)	1	0	2	1	10

* 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%.

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 and apply using the coarsest spray (ASAE) category indicated on the labels for those tank mix partners.

RESISTANCE MANAGEMENT RECOMMENDATIONS: For resistance management, IPCO Premium 2-Way XP contains Group 4 herbicides. Any weed population may contain or develop plants naturally resistant to IPCO Premium 2-Way XP, 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 Premium 2-Way XP 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 3

SECTION 3 – FIRST AID/TOXICOLOGICAL INFORMATION

FIRST AID

1. In case of poisoning, call a physician or poison control centre IMMEDIATELY.
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 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 swallowed**, call a poison control centre or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person.
5. Take the container, label, or product name and Pest Control Product Registration Number with you when seeking medical attention.

TOXICOLOGICAL INFORMATION

This product may cause severe 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.

GO TO SECTION 4

SECTION 4 – DISPOSAL

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(Base Label)

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