

(Booklet)

Group 4 Herbicide

IPCO[®] Tracker[®] XP

Liquid Herbicide

FOR CONTROL OF BROADLEAF WEEDS

AGRICULTURAL

GUARANTEE: MCPA (present as dimethylamine salt)..... 275 g a.e./L
Mecoprop-P (present as dimethylamine salt).... 62.5 g a.e./L
Dicamba (present as dimethylamine salt)..... 62.5 g a.e./L

REGISTRATION NO.: 27790

PEST CONTROL PRODUCTS ACT



CAUTION

POISON

NET CONTENTS: 10 L

**READ THE LABEL AND ATTACHED BROCHURE BEFORE USING.
PROTECT FROM FREEZING.**

INTERPROVINCIAL COOPERATIVE LIMITED
P.O. BOX 1050
SASKATOON, SASKATCHEWAN S7K 3M9
1-204-233-3461

RC577-1009

DIRECTIONS FOR USE

GENERAL INFORMATION:

For systemic control of many broadleaf weeds in: Wheat (spring, durum and winter), Barley, Oats, stubble fields, Summerfallow, and Canary Seed (*Phalaris canariensis*).

Note: Do not underseed to legumes.

WEEDS CONTROLLED:

Best results are obtained when weeds are in the 2-3 leaf stage and actively growing. Less than satisfactory control may result if weeds are not actively growing. Buckwheat (wild, tartary, volunteer cultivated), Cleavers¹, Common Ragweed, Corn Spurry, Cow Cockle, Flixweed, Green Smartweed, Hempnettle², Knotweed, Kochia, Lady's-thumb, Lamb's-quarters, Mustards (wild, ball, tall, wormseed, yellow), Night Flowering Catchfly, Pigweeds (prostrate, redroot), Russian Thistle³, Shepherd's Purse, Annual Sow Thistle, Stinkweed, Volunteer Rapeseed, Volunteer Sunflower.

Top Growth Control Only:

Canada Thistle, Field Bindweed, Hedge Bindweed, Perennial Sow Thistle

Note:

¹Cleavers: Spray in 1-2 whorl stage

²Hempnettle: Spray before second pair of true leaves

³Russian Thistle: Spray when less than 5 cm in height

TIMING OF APPLICATION:

Crop	Crop State
Wheat (spring, durum) Oats Canary Seed (<i>Phalaris canariensis</i>)	2 to 5-leaf
Winter Wheat	For winter wheat, apply in the Spring before the crop is more than 30 cm high (top leaf extended). Winter annual weeds should be sprayed as soon as new growth starts.
Barley	2 to 4-leaf

Note: Application made later than the recommended timing may result in flattening of the crop and shortening of the straw (particularly under stress conditions).

Application information:

Rate 1.0 to 1.5 litres per hectare. Do not apply more than once per year to wheat, oats or barley. Do not apply more than twice per year, with a retreatment interval of 90 days, to canary seed (*Phalaris canariensis*).

Use the 1.5 L/ha rate:

- a) when weeds are not actively growing due to extended periods of hot and dry or cold and wet weather prior to or following application.
- b) when weeds are beyond the 3-leaf stage
- c) for heavy weed infestations.
- d) for top growth control of Canada Thistle, Perennial Sow Thistle, Field Bindweed, Hedge Bindweed and for control of Cleavers.
- e) For control of overwintering Flixweed, Shepherd's-Purse and stinkweed.

Avoid overlapping. Shut off spray boom while starting, turning, slowing and stopping, otherwise crop injury may result.

BROADLEAF WEEDS, WILD OATS, GREEN AND YELLOW FOXTAIL CONTROL IN SPRING WHEAT ONLY IN THE PRAIRIE PROVINCES AND THE PEACE RIVER REGION OF BRITISH COLUMBIA.

To control broadleaf weeds, wild oats and yellow foxtail in spring wheat only in the following tank mix:

	Broadleaf Weeds and Wild Oats	Green Foxtail Wild Oats Yellow Foxtail and Broadleaf Weeds
IPCO TRACKER® XP 1.0 - 1.5 L/ha+	230 mL/ha of HORIZON 240 EC + 0.8% volume/volume of SCORE (800 mL of SCORE in 100 L of water per Hectare)	290 mL/ha of HORIZON 240 EC + 1.0% volume/volume of SCORE (1 L of SCORE with 100 L of water per hectare)

Note:

1. Do not apply more than once per year.
2. Do not use **IPCO TRACKER® XP LIQUID HERBICIDE/HORIZON** tank mix on barley or on oats.
3. Consult tank mix partner label for detailed instruction and precautions.
4. Apply when spring wheat is in the 2-5 leaf stage.
5. **DO NOT APPLY THIS TANK MIX BY AIR.**
6. Use a minimum of 100 L of water per hectare.
7. Observe a minimum interval to harvest of 60 days after treatment.
8. Observe a minimum of 7 days before grazing livestock on crops treated with the tank mix.
9. Apply when broadleaf weeds are in the 2-3 leaf stage, when wild oats are in the 1-6 leaf stage and when foxtails are in the 1-5 leaf stage.
10. Do not contaminate streams, rivers, lakes, ponds, wetlands, sloughs, irrigation waters, vegetated ditch banks and other water used by livestock or for domestic purposes. Do not apply within 15 metres of a wetland area or any of the aforementioned bodies of water.

CHICKWEED CONTROL:

To control Chickweed and other hard-to-kill broadleaf weeds in wheat and barley, use one of the following tank mixes:

	TANK MIX PARTNER	RATE
	SENCOR® 500 F**	275-425 mL/ha
IPCO TRACKER® XP 1.0-1.5 L/ha +	LOROX® L	425 mL/ha

Consult the tank mix partner label for detailed instructions and precautions.

** For Western Canada only: Application of this tank mix at later crop stages may result in injury if crop is under stress.

Do not apply more than once per year.

CANADA THISTLE:

Program for gradual eradication of Canada Thistle:

Year 1: Summerfallow

Apply 2 L/ha when Canada Thistle is in early bud stage. Do not cultivate for a minimum of 4 weeks after application.

Observe a maximum of 2 applications per season with a minimum retreatment interval of 21 days.

Or: Post Harvest (Stubble)

Apply 2 L/ha to Canada Thistle re-growth.

Treatment at the 15-20 cm stage of actively growing Canada Thistle will provide the best results. Do not apply within 2 weeks of killing frost.

Observe a maximum of 2 applications per season with a minimum retreatment interval of 21 days.

Year 2: In Crop

Apply 1.5 litres per hectare when Canada Thistle is young and actively growing. Observe all application restrictions for each crop type specified on this label

Note: Repeating this program will gradually eliminate Canada Thistle.

MIXING AND SPRAYING INSTRUCTIONS:

GROUND APPLICATION

Spray pressure: 200-300 kPa

Spray volume: minimum of 100 litres of water per hectare

Use 50 mesh screen and filters

Note: DO NOT add an acidifier to the spray mixture.

1. Fill the sprayer ½ full with water. Start gentle agitation.
2. Add tank mix partner, if applicable, and agitate thoroughly.
3. Fill tank ¾ full with water and add **IPCO TRACKER® XP LIQUID HERBICIDE**.
4. Complete filling of sprayer and maintain gentle agitation while mixing and spraying.
5. Do not allow contents to stand without agitation.

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

- Boom pressure: 235 kPa or less
- Spray volume: minimum of 30 litres of water per hectare
- Use 50 mesh screens and filters
- Avoid placing nozzles where spray will enter wing tip vortices.

Note: DO NOT add an acidifier to the spray mixture.

1. Fill the mixing tank ½ full with water. Start gentle agitation.
2. Add tank mix partner, if applicable, and agitate thoroughly.
3. Fill mixing tank 3/4 full with water and add IPCO TRACKER® XP LIQUID HERBICIDE.
4. Complete filling of mixing tank and maintain gentle agitation.
5. Fill aircraft spray tank and maintain gentle agitation while spraying.
6. Do not let contents stand without agitation.

AERIAL APPLICATION USE PRECAUTIONS

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.

Coarse sprays are less likely to drift. Use only nozzles or nozzle configurations 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 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.

Avoid direct applications to any body of water. Do not contaminate water through spray drift or by cleaning of equipment or disposal of wastes.

- 1) Aerial Applicators must wear long pants and a long-sleeved shirt.
- 2) Mixers/loaders must wear long pants, a long-sleeved shirt, socks and shoes and chemical resistant gloves during mixing, loading, clean-up and repair activities
- 3) Aircraft must be closed cab.
- 4) Mixer/loader and applicator must be different individuals.
- 5) No human flaggers permitted.

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, such as balloons or a continuous smoke column at or near the spray site or a smoke generator on the spray equipment, must be used to detect air

movement, lapse conditions or temperature inversions (stable air). If the smoke develops into layers or indicates a potential for hazardous spray drift, do not spray.

Do not apply IPCO TRACKER® XP LIQUID HERBICIDE 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.

BUFFER ZONE INFORMATION

Buffer Zones to Protect Sensitive Habitat

Spot treatment DOES NOT require a buffer zone.

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.

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.

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*	Cereals, canary seed (<i>Phalaris canariensis</i>)		1	1	1	1	4
	Summerfallow and stubble fields (post-harvest)		1	1	1	1	5
Aerial	Cereals	Fixed wing	1	0	1	0	60
		Rotary wing	1	0	1	0	50
	Canary seed (<i>Phalaris canariensis</i>)	Fixed wing	1	0	1	1	75
		Rotary wing	1	0	1	1	60
	Summerfallow and stubble fields (post-harvest)	Fixed wing	5	1	1	1	100
		Rotary wing	4	1	1	1	80

*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%.

PRECAUTIONS:

KEEP OUT OF REACH OF CHILDREN. Do not reuse containers. Do not allow spray drift to contact plants other than those being sprayed. **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. Sprayers which have contained **IPCO TRACKER® XP LIQUID HERBICIDE** should not be used to apply other pesticides to MCPA or 2,4-D susceptible crops.

Do not use in residential areas, which are defined as sites where bystanders may be present during or after spraying, including homes, schools, parks, playgrounds, playing fields and public buildings.

If MCPA or 2,4-D susceptible plants are growing within a distance of 400 meters from the area being sprayed, spray only when there is a light breeze away from the susceptible plants. Spray drifting can be reduced by using high volume sprays under low pressure, coarse sprays and drop nozzles. Susceptible crops include grape, tomato, tobacco, sugar beet, sunflower, beans, soybean, turnip, cauliflower and cabbage as well as many other field, vegetable, ornamental and fruit crops. If **IPCO TRACKER® XP LIQUID HERBICIDE** is applied when crop is under stress, shortening of straw may occur, but yield will not be affected. Protect from freezing.

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 website at www.croplife.ca.

Re-Entry Interval: Do not enter treated fields until 12 hours after application.

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.

ENVIRONMENTAL HAZARDS:

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

Surface Run-off

To reduce runoff from treated areas into aquatic habitats, consider the characteristics and conditions of the site before treatment. Site characteristics and conditions that may lead to runoff include, but are not limited to, heavy rainfall, moderate to steep slope, bare soil, poorly draining soil (e.g., soils that are compacted, fine-textured, or low in organic matter such as 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 vegetative strip (buffer zone) between the treated area and the edge of the water body.

Leaching

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

RESISTANCE MANAGEMENT RECOMMENDATIONS: For resistance management **IPCO TRACKER® XP LIQUID HERBICIDE** is a group 4 herbicide. Any weed population may contain or develop plants naturally resistant to **IPCO TRACKER® XP 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 TRACKER® XP 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 or 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.

CAUTION:

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

TOXICOLOGICAL INFORMATION:

Dicamba may cause severe irritation to the eyes, and irritation to the skin and mucous membranes. Symptoms of overexposure to Dicamba may include dizziness, muscle weakness, loss of appetite, weight loss, vomiting, decreased heart rate, shortness of breath, excitement, tenseness, depression, incontinence, cyanosis, muscle spasms, exhaustion and loss of voice.

High concentrations of MCPA may cause severe irritation to the eyes. Symptoms of overexposure to MCPA may include slurred speech, twitching, jerking and spasms, drooling, low blood pressure and unconsciousness.

No specific antidote. Treatment of any systemic intoxication should be primarily symptomatic and supportive.

FIRST AID:

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.

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.

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

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.

All product names are registered trademarks of their respective companies.

(Base Label)

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(Back Panel)

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

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®T.M. Reg'd/Marque deposee

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