

2024-04-30
2023-0922

(Booklet)

Group	4	Herbicide
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IPCO[®] MCPA SODIUM SALT 300

LIQUID HERBICIDE

SOLUTION

COMMERCIAL (AGRICULTURAL)

READ THE LABEL AND BOOKLET BEFORE USING

ACTIVE INGREDIENT: MCPA (Present as Sodium Salt): 300 g /L

REGISTRATION NO: 20306

PEST CONTROL PRODUCTS ACT

NETCONTENTS **10 litres**

WARNING

POISON

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

®T.M. Reg'd.

LABEL INDEX IPCO MCPA Sodium Salt 300

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

SECTION 1

Crop:	WHEAT, BARLEY, SPRING RYE, OATS
Treatment Stage:	For ground or air application, treat from the 2nd leaf to early flag leaf stage.
Susceptible Weeds:	Burdock, Cocklebur, Mustards (except Dog Mustard), Ragweed, Flixweed*, Kochia, Lambsquarters, Russian Pigweed, Shepherd's Purse, Stinkweed. <i>*Flixweed susceptible only at seedling stage. Use rates for harder to kill weeds to kill fall germinated flixweed in the spring.</i>
Rates to Use:	
Small seedlings, good growing conditions:	1.25 L/ha
Weeds in bud, dry conditions, very heavy infestation:	2 L/ha
Harder to Kill Weeds:	Annual Sow Thistle, Bluebur, Blue Lettuce, Canada Thistle*, Peppergrass, Curled Dock, Dog Mustard, Goosefoot, Hempnettle (suppression only), Redroot Pigweed, Russian Thistle, Perennial Sow Thistle*, Leafy Spurge*. <i>*Top growth control only.</i>
Rates to use on Harder to Kill Weeds:	
Small seedlings, growing rapidly, good growing conditions:	2 L/ha
Weeds in bud, dry or cool conditions, heavy infestation:	2.75 L/ha
	NOTE: These rates may result in deformities but improved weed control should result in higher yields.
	Do not apply more than once per year.
	GO TO SECTION 7

SECTION 2

Crop:	FLAX (Excluding low-linolenic acid varieties.)
Treatment Stage:	For ground or air application. Spray after plants have reached 5 cm in height and before buds appear.
Susceptible Weeds:	Burdock, Cocklebur, Mustards (except Dog Mustard), Ragweed, Flixweed*, Kochia, Lambsquarters, Russian Pigweed, Shepherd's Purse, Stinkweed.

**Flixweed susceptible only at seedling stage. Use rates for harder to kill weeds to kill fall germinated flixweed in the spring.*

Rates to Use on Susceptible Weeds:

Small seedlings, growing rapidly: 1.25 L/ha
Weeds in bud, dry or cool weather,
heavy infestation: 2 L/ha

Harder to Kill Weeds: Annual Sow Thistle, Bluebur, Blue Lettuce*, Canada Thistle*, Peppergrass, Curled Dock, Dog Mustard, Goosefoot, Hempnettle (suppression only), Redroot Pigweed, Russian Thistle, Perennial Sow Thistle*, Leafy Spurge*.
**Top growth control only.*

Rates to use on Harder to Kill Weeds:

Small seedlings, growing rapidly, good
growing conditions: 2 L/ha
Weeds in bud, dry or cool weather,
heavy infestation: 2.75 L/ha

NOTE: These rates may result in deformities but improved weed control should result in higher yields.

Do not apply more than once per year.

GO TO SECTION 7

SECTION 3

Crop: WINTER WHEAT, FALL RYE

Treatment Stage: For ground or air application. Treat in spring when weeds are small from 2nd leaf to flag leaf stage.

Susceptible Weeds: Burdock, Cocklebur, Mustards (except Dog Mustard), Ragweed, Flixweed*, Kochia, Lambsquarters, Russian Pigweed, Shepherd's Purse, Stinkweed.
**Flixweed susceptible only at seedling stage. Use rates for harder to kill weeds to kill fall germinated flixweed in the spring.*

Rates to Use on Susceptible Weeds:

Small seedlings, growing rapidly: 1.25 L/ha
Weeds in bud, dry or cool weather,
heavy infestation: 2 L/ha

Harder to Kill Weeds: Annual Sow Thistle, Bluebur, Blue Lettuce*, Canada Thistle*, Peppergrass, Curled Dock, Dog Mustard, Goosefoot, Hempnettle (suppression only), Redroot Pigweed, Russian Thistle*, Perennial Sow Thistle*, Leafy Spurge*.
**Top kill only.*

Rates to use on Harder to Kill Weeds:

Small seedlings, growing rapidly, good
growing conditions: 2 L/ha
Weeds in bud, dry or cool weather,
heavy infestation: 2.75 L/ha

NOTE: These rates may result in deformities but improved weed control should result in higher yields.

Do not apply more than once per year.

GO TO SECTION 7

SECTION 4

Crop:	CORN (field and sweet)
Treatment Stage:	For ground application ONLY. Treat when weeds are small until corn reaches 15 cm in height. When corn is taller than 15 cm, a directed spray should be used.
Susceptible Weeds:	Burdock, Cocklebur, Mustards (except Dog Mustard), Ragweed, Flixweed*, Kochia, Lambsquarters, Russian Pigweed, Shepherd's Purse, Stinkweed. <i>*Flixweed susceptible only at seedling stage. Use rates for harder to kill weeds to kill fall germinated flixweed in the spring.</i>
Rates to Use on Susceptible Weeds:	
Small seedlings, good growing conditions:	1 L/ha
Weeds in bud, dry or cool weather, heavy infestation:	1.5 L/ha
	Do not apply more than once per year.
	For hand harvesting of corn (field and sweet), re-entry is not permitted until 15 days after application. As such, a preharvest interval (PHI) of 15 days after application is required.

GO TO SECTION 7

SECTION 5

Crop:	PEAS (Field and Canning)
Treatment Stage:	Not recommended in Nova Scotia. Treat when pea vine length is 10 to 20 cm but before flowering begins. Use at least 180 Litres of water per hectare. Do not apply by air.
Susceptible Weeds:	Mustards (except Dog Mustard), Ragweed, Flixweed*, Kochia, Lambsquarters, Russian Pigweed, Shepherd's Purse, Stinkweed. <i>*Flixweed susceptible only at seedling stage. Use rates for harder to kill weeds to kill fall germinated flixweed in the spring.</i>
Rates to Use on Susceptible Weeds:	1 L/ha
Harder to Kill Weeds:	Annual Sow Thistle, Bluebur, Blue Lettuce*, Canada Thistle*, Peppergrass, Curled Dock, Dog Mustard, Goosefoot, Hempnettle (suppression only), Redroot Pigweed, Russian Thistle*, Perennial Sow Thistle*, Leafy Spurge*. <i>*Top growth control only.</i>
Rates to use on Harder to Kill Weeds:	1.25 L/ha

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SECTION 6

Crop:	CEREALS UNDERSEED TO LEGUMES — ALFALFA, RED AND ALSIKE CLOVER
Treatment Stage:	Ground or air application. For emergency treatment only. Use 2,4-DB or MCPB if possible. Do not spray sweet clover or early Flemish alfalfa varieties with MCPA. Treat when cereals and weeds are up high enough to offer protection to the legume. Do not treat after the shot blade stage of cereals.

Susceptible Weeds: Mustards (except Dog Mustard), Ragweed, Flixweed, Kochia, Lamb’s quarters, Russian Pigweed, Shepherd’s Purse, Stinkweed.

Rates to Use on Susceptible Weeds: 1 L/ha
Do not apply more than once per year.

GO TO SECTION 7

SECTION 7

MIXING AND APPLICATION INSTRUCTIONS:

1. Fill tank 1/2 full with water. Start agitation.
2. Add IPCO MCPA Sodium Salt 300.
3. Complete filling spray tank with water.
4. Use 100 — 240 litres of water per hectare, for application by ground equipment, unless otherwise specified.
5. Do not exceed 275 kPa pressure for ground application.

This product may be tank mixed with a fertilizer, a supplement, or with registered pest control products, whose labels also allow tank mixing, provided the entirety of both labels, including Directions For Use, Precautions, Restrictions, Environmental Precautions, and Spray Buffer Zones are followed for each product. In cases where these requirements differ between the tank mix partner labels, the most restrictive label must be followed. Do not tank mix products containing the same active ingredient unless specifically listed on this label. In some cases, tank mixing pest control products can result in reduced pesticide efficacy or increased host crop injury. The user should contact Interprovincial Cooperative Ltd. at 1-204-233-3461 for information before applying any tank mix that is not specifically recommended on this label.

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 S572.1) 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 S572.1) coarse classification. Reduce drift caused by turbulent wingtip vortices. Nozzle distribution along the spray boom length MUST NOT exceed 65% of the wing- or rotorspan.

Spray Buffer Zones

A spray buffer zone is NOT required for:

- uses with hand-held application equipment permitted on this label.

The spray 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	Spray 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, flax, corn (field and sweet), legumes, peas	1	1	1	1	4	
Aerial	Cereals, flax	Fixed wing	1	0	1	0	60
		Rotary wing	1	0	1	0	50

When tank mixes are permitted, consult the labels of the tank-mix partners and observe the largest (most restrictive) spray 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.

The spray buffer zones for this product can be modified based on weather conditions and spray equipment configuration by accessing the Spray Buffer Zone Calculator on the Pesticides portion of the Canada.ca website.

Use Precautions for Aerial Application (to cereal crops and flax):

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

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.

Operator Precautions

Do not use human flaggers.

Do not allow the pilot to mix chemicals to be loaded onto the aircraft. Loading of premixed chemicals with a closed system is permitted.

It is desirable that the pilot have communication capabilities at each treatment site at the time of application.

The field crew and the mixer/loaders must wear chemical resistant gloves, a long-sleeved shirt, long pants, coveralls, shoes plus socks, and goggles or face shield during mixing/loading, cleanup and repair. Applicators must wear long-sleeved shirt, long pants, and shoes plus socks. 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.

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. Application of this specific product must meet and/or conform to the following:

Volume: A minimum volume of 30 L per hectare of spray solution should be used. Use boom pressure of 235 kPa or less. Avoid placing nozzles where spray will enter wing tip vortices.

GO TO SECTION 8

SECTION 8

PRECAUTIONS:

1. **KEEP OUT OF THE REACH OF CHILDREN.** 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.
2. Mixers, loaders, and applicators must wear a long-sleeved shirt, long pants, socks, shoes and chemical-resistant gloves. Aerial applicators and applicators using a closed cab are not required to wear chemical-resistant gloves.
3. Avoid contact with eyes, skin and clothing. May cause skin irritation.
4. Do not breathe spray mist or vapors.
5. Avoid spray or vapor 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.
6. Do not spray when there is any danger of wind or on exceptionally hot days over 27°C.
7. Drift from spray may be reduced by using high volume sprays under low pressure, coarse sprays, and drop nozzles.
8. Do not use in a greenhouse.
- 9.
- 10.
11. Do not enter treated areas within 12-hours after application, unless otherwise indicated.
12. Do not permit lactating dairy animals to graze fields within 7 days after application.
13. Do not harvest for forage or cut hay within 7 days after application.
14. Withdraw meat animals from treated fields at least 3 days before slaughter.

ENVIRONMENTAL PRECAUTIONS:

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

Surface runoff

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 filter strip between the treated area and the edge of the water body.

Leaching

This product demonstrates the properties and characteristics associated with chemicals detected in groundwater. The use of this product in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

STORAGE:

Store this product away from food or feed. Keep in original container during storage.

RESISTANCE MANAGEMENT RECOMMENDATIONS:

For resistance management, IPCO MCPA Sodium Salt 300 is a Group 4 herbicide. Any weed population may contain or develop plants naturally resistant to IPCO MCPA Sodium Salt 300 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 MCPA Sodium Salt 300 or other Group 4 herbicides within a growing season (sequence) or among growing seasons 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. To delay resistance, the less resistance-prone partner should control the target weed(s) as effectively as the more resistance-prone partner. Herbicide use should be based on an integrated weed management program that includes scouting, historical information related to herbicide use and crop rotation, and considers tillage (or other mechanical control methods), cultural (for example, higher crop seeding rates; precision fertilizer application method and timing to favour the crop and not the weeds), biological (weed-competitive crops or varieties) and other management practices. Monitor weed populations after herbicide application for signs of resistance development (for example, only one weed species on the herbicide label not controlled). If resistance is suspected, prevent weed seed production in the affected area if possible by an alternative herbicide from a different group. Prevent movement of resistant weed seeds to other fields by cleaning harvesting and tillage equipment when moving between fields, and planting clean seed. Have suspected resistant weed seeds tested by a qualified laboratory to confirm resistance and identify alternative herbicide options. 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 9

FIRST AID:

1. **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.
2. **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.
3. **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.
4. **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.
5. Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

GO TO SECTION 10

SECTION 10

TOXICOLOGICAL INFORMATION:

High concentrations of MCPA may cause severe irritation to the eyes. Symptoms of overexposure to MCPA could 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.

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SECTION 11

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/territorial requirements.

For information on disposal of unused, unwanted product, contact the manufacturer or the provincial/territorial regulatory agency. Contact the manufacturer and the provincial/territorial 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
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IPCO[®]

MCPA SODIUM SALT 300

LIQUID HERBICIDE

COMMERCIAL (AGRICULTURAL)

READ THE LABEL AND ATTACHED BOOKLET BEFORE USING

ACTIVE INGREDIENT: MCPA (Present as Sodium Salt): 300 g /L

REGISTRATION NO: 20306

PEST CONTROL PRODUCTS ACT

NETCONTENTS **10 litres**

WARNING

POISON

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

®T.M. Reg'd

(Back Panel)

PRECAUTIONS:

1. **KEEP OUT OF THE REACH OF CHILDREN.** 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.
2. Mixers, loaders, and applicators must wear a long-sleeved shirt, long pants, socks, shoes and chemical-resistant gloves. Aerial applicators and applicators using a closed cab are not required to wear chemical-resistant gloves.
3. Avoid contact with eyes, skin and clothing. May cause skin irritation.
4. Do not breathe spray mist or vapors.
5. Do not enter treated areas within 12-hours after application, unless otherwise indicated.
6. Do not contaminate any body of water. Avoid contamination of foods.
7. Do not use in a greenhouse.
- 8.

ENVIRONMENTAL PRECAUTIONS: Toxic to aquatic organisms and non-target terrestrial plants. Refer to the attached booklet for complete environmental precautions.

FIRST AID:

1. **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.
2. **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.
3. **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.
4. **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.
5. Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

TOXICOLOGICAL INFORMATION: High concentrations of MCPA may cause severe irritation to the eyes. Symptoms of overexposure to MCPA could 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.

STORAGE: Store this product away from food or feed. Keep in original container during storage.

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

NOTICE TO USER:

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