

(BOOKLET)

Group	4	Herbicide
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**IPCO
COBUTOX® 625
Herbicide**

AGRICULTURAL
For weed control in seedling
Alfalfa, Birdsfoot Trefoil,
Pastures, and Seedling Forage Grasses.

READ THE LABEL AND ATTACHED BOOKLET BEFORE USING

GUARANTEE: 2,4-DB 625 g/L
(Present as 2-Ethyl Hexyl Ester)

REGISTRATION NO. 27911
PEST CONTROL PRODUCTS ACT

NET CONTENTS: 10 litres



CAUTION

POISON

Interprovincial Cooperative Limited
P.O. Box 1050, Saskatoon, Saskatchewan S7K 3M9
1-204-233-3416

®T.M. Reg'd./M.D.

RC 561-0907

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SECTION 1

Crop **SEEDLING ALFALFA AND BIRDSFOOT TREFOIL (direct or underseeded) Note: Do not apply if crop is to be used for seed production later in season.**

Treatment Stage: Ground Application. Treat from 1st to 4th trifoliate leaf stage.
PRECAUTION: Substantial crop injury and reduction in forage dry matter may occur when IPCO Cobutox 625 Herbicide is applied in accordance with the label.
GO TO SECTION 7

SECTION 2

Crop **SEEDLING CLOVERS (direct and underseeded)**
NOTE: Do Not Spray Sweet Clovers. Red and Alsike Clovers may be damaged.

Treatment Stage: Ground Application. Treat as soon as possible after the first trifoliate leaf appears.
PRECAUTION: Substantial crop injury and reduction in forage dry matter may occur when IPCO Cobutox 625 Herbicide is applied in accordance with the label.
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SECTION 3

Crop **CEREALS (Wheat, Oats, Barley)**

Treatment Stage: Ground Application. Apply **after** the crop has 5 fully expanded leaves but before the early flag leaf stage.
Oats will be damaged if treated before the 5 leaf stage.

GO TO SECTION 7

SECTION 4

Crop **FIELD CORN**

Treatment Stage: Ground Application. Apply after crop is at least 40 cm high but before tasseling. Use drop nozzles to avoid spraying corn leaves.

GO TO SECTION 7

SECTION 5

Crop

PASTURES CONTAINING FORAGE LEGUMES

Treatment Stage:

Ground Application. Treat after cutting or grazing when growth is not above 7.5 cm in height. Damage may occur if crop is sprayed beyond this stage.

GO TO SECTION 7

SECTION 6

Crop

SEEDLING GRASSES FOR FORAGE (Smooth Bromegrass, Creeping Red Fescue, Meadow Fescue, Tall Fescue, Orchard Grass, Timothy, Crested Wheatgrass, Intermediate Wheatgrass, Streambank Wheatgrass, Tall Wheatgrass)

Treatment Stage:

Ground application only, at the 2-4 leaf stage of the seedling grasses. See special notes on maximum rates.

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SECTION 7

WEEDS CONTROLLED AND RATES OF APPLICATION:

Annual Weeds

Rate

Wormseed Mustard, Wild Mustard, Ball Mustard, Stinkweed, Ragweed, Redroot Pigweed, Shepherd's Purse, Lamb's-Quarters. Treat Wild Mustard up to the 4-leaf stage. (See Section 8 for treatment of more advanced Wild Mustard plants.)

1.75 L/ha

Oak-leaved Goosefoot, Wild Buckwheat, Wild Radish. Note: Best control occurs when weeds sprayed in the 1-2 leaf stage.

2.25 L/ha

Lady's-thumb, Green Smartweed. Seedlings stunted only, but competitive ability is reduced.

2.75 L/ha

Perennial Weeds

Spray Stage

Rate

Bull Thistle	Rosette to early bud	
Perennial Sow Thistle	Rosette	
Canada Thistle	Top growth only. Spray from 15cm to early bud.	
Curled Dock	Early growth	2.25 - 2.75 L/ha
Plantain	Before flowering	
Field Bindweed	Top growth reduced. For best results spray in late summer.	
Yellow Rocket	Spray between 3rd week in September and middle of October.	
Chicory	Rosette stage	
Narrow-leaved hawk's beard	Rosette stage in fall after legume growth ends.	2.25 L/ha
Dandelion	Top growth only. Spray before bud stage.	2.75 L/ha
Horsetail	Top growth only. Spray when 10-12 cm high.	2.75 L/ha
	Spray when 10-12 cm high.	

IMPORTANT NOTES:

Use lower rate on susceptible weeds in the seedling stage. Use the higher rates for older, heavy weed infestations and under poor growing conditions.

MAXIMUM RECOMMENDED RATES FOR CROPS:

- Seedling alfalfa, birdsfoot trefoil, seedling clovers, cereals, seedling forage grasses 2.25 L/ha
- Field corn, pastures containing legumes 2.75 L/ha

DO NOT exceed recommended rate and apply at appropriate growth stage for each crop. Apply product in warm weather. DO NOT apply under drought conditions. Application must be made before the crop shields the weeds. DO NOT use treated crops for grazing of livestock or green feed or cut for

forage until 30 days after application of Cobutox 625.

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SECTION 8

Tank-mix with MCPA: To improve wild mustard and narrow-leaved hawk's beard control in seedling Alfalfa and Birdsfoot Trefoil.

Weed Stage: Apply Cobutox 625 alone on mustard at 4 leaf stage or less. Treat Wild Mustard beyond the 4-leaf stage as follows:

Rates:	Cobutox 625	1.25 L/ha
	+ MCPA Amine 500	+ 70 mL/ha

GO TO SECTION 9

SECTION 9

MIXING AND APPLICATION

1. Fill tank 1/2 full of water. Start agitation.
2. Add Cobutox 625.
3. When MCPA Amine 500 is used, add and mix before adding Cobutox 625.
4. Complete filling of the tank.
5. Use 150 - 200 litres of water per hectare for application by ground equipment.
6. Do not exceed 275 kpa of 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.

SECTION 10

GENERAL PRECAUTIONS

ENVIRONMENTAL PRECAUTIONS

This product contains a petroleum distillate, which is moderately to highly toxic to aquatic organisms. Avoid contamination of ponds, streams, rivers and other water sources. Avoid contamination of aquatic systems during application. Do not contaminate these systems through direct application, disposal of waste or cleaning of equipment.

RESISTANCE MANAGEMENT RECOMMENDATIONS

For resistance management, Cobutox 625 is a Group 4 herbicide. Any weed population may contain or develop plants naturally resistant to Cobutox 625 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 Cobutox 625 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.

PRECAUTIONS

1. KEEP OUT OF THE REACH OF CHILDREN.
2. Do not get in eyes, on skin or clothing. Wear a long-sleeved shirt, long pants and chemical resistant gloves during mixing, loading, clean-up and repair. Rinse gloves before removal. After use wash hands and other exposed skin. AVOID INHALING VAPOURS OR MIST.
3. DO NOT APPLY BY AIR.
4. **When tank-mixing, observe the most stringent precautionary measures for handling and mixing stated on both product labels.**
5. When handling, do not eat, drink or smoke. Take a shower daily, immediately after application. Wear freshly laundered clothing daily.
6. Handle with care and mix only in a closed container. Use only in a well ventilated area.
7. Do not spray when there is any danger of wind or on exceptionally hot days over 27°C.
8. Do not contaminate any body of water. Avoid contamination of foods.
9. Keep in original container during storage. Do not re-use container unless otherwise specified
10. Clean spray equipment thoroughly after use.
11. 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.
12. Store the container tightly closed away from seeds, fertilizers, plants and foodstuffs. May be stored at any temperature. SHAKE WELL BEFORE USING.

GO TO SECTION 11

SECTION 11

FIRST AID

1. **IN CASE OF POISONING**, call a physician or contact poison control centre IMMEDIATELY.
2. **IF ON SKIN**, remove contaminated clothing and wash skin thoroughly with soap and water.
3. **IF IN EYES**, flush with water IMMEDIATELY and continue for 15 minutes. Obtain medical attention or contact a poison control centre IMMEDIATELY.
4. **IF SWALLOWED**, do not induce vomiting but rush patient to nearest hospital or doctor's office or contact a poison control centre IMMEDIATELY.
5. **IF INHALED**, remove to fresh air and get medical attention or contact a poison control centre IMMEDIATELY.
6. Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

GO TO SECTION 12

SECTION 12

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 13

SECTION 13

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 emptied 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 empty 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. The user assumes the risk to persons or property that arises from any such use of this product.

(Base label)

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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 empty 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.

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