

11-JAN-2011
2010-3999

(Base label)

| | | |
|-------|---|-----------|
| Group | 4 | Herbicide |
|-------|---|-----------|

Agro-Flex®
2,4-DB Ester 625
Herbicide

EMULSIFIABLE CONCENTRATE

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. 29566
PEST CONTROL PRODUCTS ACT

NET CONTENTS: 10 litres



CAUTION

POISON

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

®T.M. Reg'd./M.D.

RC xxx-1109

(Back Panel) Agro-Flex 2,4-DB Ester 625 herbicide

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 APPY 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.

FIRST AID

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. 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 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. 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.

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.

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.

(BOOKLET)

| | | |
|-------|---|-----------|
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LABEL INDEX

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| Seedling Alfalfa and Birdsfoot Trefoil (direct or underseeded) | GO TO Section 1 |
| Seedling Clovers (direct or underseeded) | GO TO Section 2 |
| Cereals (Wheat, Oats, Barley) | GO TO Section 3 |
| Field Corn | GO TO Section 4 |
| Pastures Containing Forage Legumes | GO TO Section 5 |
| Seedling Grasses for Forage | GO TO Section 6 |
| Weeds Controlled and Rates of Application | GO TO Section 7 |
| Tank-Mix with MCPA (To improve wild mustard control in seedling alfalfa) | GO TO Section 8 |
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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 Agro-Flex 2,4-DB Ester 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 Agro-Flex 2,4-DB Ester 625 Herbicide is applied in accordance with the label.

GO TO SECTION 7

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 Agro-Flex 2,4-DB Ester 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 Agro-Flex® 2,4-DB Ester 625 Herbicide alone on mustard at 4 leaf stage or less. Treat Wild Mustard beyond the 4-leaf stage as follows:

Rates:

| | |
|-----------------------------|------------|
| Agro-Flex® 2,4-DB Ester 625 | 1.25 L/ha |
| + MCPA Amine 500 | + 70 mL/ha |

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SECTION 9

MIXING AND APPLICATION

1. Fill tank 1/2 full of water. Start agitation.
2. Add Agro-Flex® 2,4-DB Ester 625 Herbicide.
3. When MCPA Amine 500 is used, add and mix before adding Agro-Flex® 2,4-DB Ester 625 Herbicide.
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, Agro-Flex® 2,4-DB Ester 625 Herbicide is a Group 4 herbicide. Any weed population may contain or develop plants naturally resistant to Agro-Flex® 2,4-DB Ester 625 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 Agro-Flex® 2,4-DB Ester 625 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 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.

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SECTION 12

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SECTION 13

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This label transcript service is offered by the Pest Management Regulatory Agency to provide efficient searching for label information. This service and this information do not replace the official hard-copy label. The PMRA does not provide any guarantee or assurance that the information obtained through this service is accurate, current or correct, and is therefore not liable for any loss resulting, directly or indirectly, from reliance upon this service.