

(Container)



# Goal\* 2XL

## Emulsifiable Concentrate Herbicide

|       |    |           |
|-------|----|-----------|
| GROUP | 14 | HERBICIDE |
|-------|----|-----------|

**RESTRICTED**

READ THE LABEL AND BOOKLET BEFORE USING  
KEEP OUT OF REACH OF CHILDREN

GUARANTEE: OXYFLUORFEN 248 GRAMS PER LITRE

REGISTRATION NO. 24913 PEST CONTROL PRODUCTS ACT

**DANGER**  **POISON**

**DANGER SKIN IRRITANT**  
**DANGER EYE IRRITANT**  
**POTENTIAL SKIN SENSITIZER**

NET CONTENTS: 10 L

**Dow AgroSciences Canada Inc.**  
Suite 201, 1144 - 29 Avenue N.E.  
Calgary, Alberta  
T2E 7P1  
1-800-667-3852

\*Trademark of Dow AgroSciences LLC

**PRECAUTIONS****KEEP OUT OF REACH OF CHILDREN**

This material causes eye injury and skin irritation. Do not get in eyes or on skin. Wear goggles or face shield, chemical resistant gloves, long trousers, long sleeved shirt, or jacket of tightly woven material along with boots high enough to cover ankles during mixing, loading, cleanup and repair activities. Wash hands and exposed skin with soap and water thoroughly before eating, drinking, smoking or using toilet. Avoid breathing vapour or spray mist or contact with clothings.

**FIRST AID**

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

**If swallowed:** Do not induce vomiting unless instructed to do so by qualified medical personnel. If conscious, give individual two glasses of water to drink to dilute and consult a physician or contact a poison control centre. Do not give anything by mouth to an unconscious person.

**If Inhaled:** Remove individual to fresh air. If breathing is difficult, give oxygen. Give artificial respiration if breathing has stopped. Get prompt medical attention.

**If on skin:** Immediately wash with plenty of soap and water. Get medical attention if irritation develops or contact a poison control centre. Remove contaminated clothing and shoes and clean before re-use.

**If in eyes:** Flush with large amounts of water for at least 15 minutes. Consult a physician or contact a poison control centre if irritation persists.

**TOXICOLOGICAL INFORMATION**

No specific antidote. Employ supportive care. Treatment should be based on judgment of the physician in response to reactions of the patient. Probable mucosal damage may contraindicate the use of gastric lavage. This product may pose an aspiration pneumonia hazard. Contains petroleum distillates.

**AGRICULTURAL CHEMICAL**

Do not ship or store with food, feeds, drugs or clothing.

**ENVIRONMENTAL HAZARDS**

Toxic to non-target terrestrial plants, fish, and other aquatic organisms.

DO NOT apply beyond the field boundary.

DO NOT apply directly to aquatic habitats (such as lakes, rivers, sloughs, ponds, coulees, prairie potholes, creeks, marshes, streams, reservoirs, and wetlands) or estuarine/marine habitats. This product contains a petroleum distillate which is moderately to highly toxic to aquatic organisms. Avoid contamination of aquatic systems during application. Do not contaminate these systems through direct application, disposal of waste or cleaning equipment.

Observe buffer zones specified under Directions for Use.

**STORAGE**

Do not contaminate water, food, or feed by storage or disposal. Keep from freezing. Store above 0 deg C.

**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 control product is to be used only in accordance with the directions on this label. It is an offense under the *Pest Control Products Act* to use a control product under unsafe conditions.

**NOTICE TO BUYER:** Seller's guarantee shall be limited to the terms set out on the label and, subject thereto, the buyer assumes the risk to persons or property arising from the use or handling of this product and accepts the product on that condition.

(Booklet)



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**DANGER**  **POISON**

**DANGER SKIN IRRITANT**  
**DANGER EYE IRRITANT**  
**POTENTIAL SKIN SENSITIZER**

NET CONTENTS: 9.46 L, 10 L, 110 L, bulk

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Calgary, Alberta  
T2E 7P1  
1-800-667-3852

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**NATURE OF RESTRICTION:** Exposure to this product may be hazardous to your health. Care must be taken when handling to minimize exposure. Follow all label directions and precautions carefully. **FOR USE ONLY BY LICENSED PEST CONTROL OPERATORS.**

## **RESTRICTED USES**

### **GENERAL INFORMATION**

Goal 2XL is a selective herbicide for the control of certain broad-leaf weeds.

### **GENERAL USE PRECAUTIONS**

- DO NOT APPLY BY AIR.
- DO NOT APPLY TO SANDY SOIL
- 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., refer to [www.cropro.org/](http://www.cropro.org/).

### **DIRECTIONS FOR USE**

READ ALL DIRECTIONS CAREFULLY BEFORE APPLYING. FAILURE TO FOLLOW LABEL INSTRUCTIONS MAY RESULT IN ERRATIC WEED CONTROL OR CROP DAMAGE.

### **Application Instructions**

DO NOT apply during periods of dead calm or when winds are gusty. DO NOT overspray non-target terrestrial or aquatic habitats. DO NOT contaminate aquatic habitats when cleaning and rinsing spray equipment or containers.

### **Buffer zones**

A buffer zone of **15 metres** is required between the downwind point of direct application and the closest edge of sensitive terrestrial habitats (such as grasslands, forested areas, shelter belts, woodlots, hedgerows, pastures, rangelands, and shrublands) and sensitive aquatic habitats (such as lakes, rivers, sloughs, ponds, coulees, prairie potholes, creeks, marshes, streams, reservoirs, and wetlands), and estuarine/marine habitats.

## **ONIONS (DRY BULB ONLY)**

### **Application Directions**

For best results apply Goal 2XL when weeds are small and growing conditions are favourable for vigorous growth. Apply 500 milliliters of Goal 2XL in a minimum of 500 litres of water per hectare after there are two true leaves on the onions. Repeat applications as required to control late germinating weeds. Do not apply in excess of 2.0 litres per hectare in one year.

### **Weeds Controlled**

Common Purslane, Redroot Pigweed, Cupped Nightshade (Potatoweed), Wild Buckwheat, Lamb's-quarters, Oak-leaved Goosefoot, and Maple-leaved Goosefoot.

**Mixing Instructions**

Maintain sufficient agitation during mixing and spraying to ensure a uniform spray mixture. Goal 2XL should be applied only by ground equipment delivering a minimum of 500 litres of spray mixture per hectare using a pressure of 275 kPa. Do not add oils or surfactants to the spray mixture. Avoid drift onto susceptible crops.

**Application Timing**

To ensure effective weed control, apply Goal 2XL when the weeds are in the 2 to 4 leaf stage and actively growing. The first application can be made when the onions have two fully developed true leaves. More than one application may be necessary to control late germinating weeds. Do not apply Goal 2XL when the crop or weeds are under stress such as from excess or lack of moisture, extreme temperatures, or injury from previously applied herbicides. Do not apply within 56 days of harvest.

**Crop Tolerance**

Goal 2XL can cause necrotic lesions, twisting, or pigtailling of the onion crop. This injury will be more severe if applications are made during periods of stress and/or if applications are made prior to the full development of two true leaves on the crop. Use only on dry bulb onions.

**RED RASPBERRIES FOR PRIMOCANE SUPPRESSION (BRITISH COLUMBIA ONLY)****Application Directions**

Apply Goal 2XL herbicide at a rate of 1.0 - 2.0 litres per broadcast ha to primocanes which have emerged to 10 to 15 centimetres. The higher rate should be used if the majority of primocanes have reached the maximum height of 15 centimetres or when hot, dry conditions precede the application. Apply only once per season. The addition of 2.5 litres of Companion (or equivalent surfactant) per 1000 litres of spray solution is recommended.

†Dosages listed are for broadcast or overall application. For banded applications (one metre wide), the amount of Goal 2XL herbicides required per hectare should be reduced according to the following formula:

$$\frac{\text{Band Width}}{\text{Row Width}} \times \text{Broadcast Rate} = \text{Amount Required per Hectare}$$

†for a one metre banded application

Goal 2XL herbicide should be applied in a minimum of 500 litres of water per hectare in a one metre band directed towards the primocane row. Application is to be directed towards the lower portion of the fruiting canes to minimize crop injury from spray contact. Use a low pressure mounted spray system (200 to 400 kPa). Spray equipment should be calibrated carefully before each use.

Goal 2XL herbicide provides temporary suppression of early season red raspberry primocane growth. Occasionally, after the use of Goal 2XL herbicide, a spotting, crinkling or flecking may appear on the leaves of fruiting canes. These symptoms do not affect red raspberry plant health, performance or yield. Leaves of the fruiting canes which receive direct or indirect (drift) spray contact will be injured. Do not use Goal 2XL herbicide on red raspberry plantings which are weak, or under stress due to temperature, disease, fertilizer, insects, pesticides, drought or excessive moisture as primocane growth may be insufficient for the following year's crop.

Do not apply Goal 2XL herbicide within 50 days of harvest.

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**FIRST AID**

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**If Inhaled:** Remove individual to fresh air. If breathing is difficult, give oxygen. Give artificial respiration if breathing has stopped. Get prompt medical attention.

**If on skin:** Immediately wash with plenty of soap and water. Get medical attention if irritation develops or contact a poison control centre. Remove contaminated clothing and shoes and clean before re-use.

**If in eyes:** Flush with large amounts of water for at least 15 minutes. Consult a physician or contact a poison control centre if irritation persists.

**TOXICOLOGICAL INFORMATION**

No specific antidote. Employ supportive care. Treatment should be based on judgment of the physician in response to reactions of the patient. Probable mucosal damage may contraindicate the use of gastric lavage. This product may pose an aspiration pneumonia hazard. Contains petroleum distillates.

**AGRICULTURAL CHEMICAL**

Do not ship or store with food, feeds, drugs or clothing.

**ENVIRONMENTAL HAZARDS**

Toxic to non-target terrestrial plants, fish, and other aquatic organisms.

DO NOT apply beyond the field boundary.

DO NOT apply directly to aquatic habitats (such as lakes, rivers, sloughs, ponds, coulees, prairie potholes, creeks, marshes, streams, reservoirs, and wetlands) or estuarine/marine habitats. This product contains a petroleum distillate which is moderately to highly toxic to aquatic organisms. Avoid contamination of aquatic systems during application. Do not contaminate these systems through direct application, disposal of waste or cleaning equipment.

Observe buffer zones specified under Directions for Use.

**STORAGE**

Do not contaminate water, food, or feed by storage or disposal. Keep from freezing. Store above 0 deg C.

**DISPOSAL****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.

**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 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.

**NOTE TO BUYER/USER:** READ THE FOLLOWING BEFORE USING THIS PRODUCT FOR SPECIAL USE APPLICATIONS: The DIRECTIONS FOR USE for this product for the use(s) described below were developed by persons other than Dow AgroSciences Canada Inc. and accepted for registration by Health Canada under the User Requested Minor Use Label Expansion program. Dow AgroSciences Canada Inc. itself makes no representation or warranty with respect to performance (efficacy) and/or crop tolerance (phytotoxicity) claims for this product when used on the crop(s) listed on this label.

Accordingly, the Buyer and User assume all liability arising, and agree to hold Dow AgroSciences Canada Inc. harmless from any claims based on efficacy and/or phytotoxicity in connection with the use(s) described on this label.

**DIRECTIONS FOR USE**

**STRAWBERRIES:** For the control of labelled weeds plus field pansy and wood sorrell. Apply Goal 2XL at a rate of 1.0 litre per hectare in 500 L of spray solution/ha. Apply as a single spray pre-mulching to dormant plants. Apply only one ground application per year. The preharvest interval is 150 days.

Refer to the main Goal 2XL label for additional details and instructions, including preharvest intervals, before using.

READ THE ROTATIONAL CROPPING RESTRICTIONS ON THE FULL LABEL BEFORE USING THIS PRODUCT.

**RESISTANCE MANAGEMENT RECOMMENDATIONS**

For resistance management, Goal 2XL is a Group 14 herbicide. Any weed population may contain or develop plants naturally resistant to Goal 2XL and other Group 14 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 Goal 2XL or other Group 14 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 Dow AgroSciences Canada Inc. at 1-800-667-3852 or at [www.dowagro.ca](http://www.dowagro.ca).

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010804

**GOAL 2XL  
RESTRICTED  
EMULSIFIABLE CONCENTRATE HERBICIDE**

**SUPPLEMENTAL LABEL**

GUARANTEE: OXYFLUORFEN                      240 GRAMS PER LITRE

**REGISTRATION NUMBER 24913** PEST CONTROL PRODUCTS ACT

READ THE LABEL BEFORE USING



**DANGER POISON**

**DANGER SKIN IRRITANT**

**DANGER EYE IRRITANT**

**POTENTIAL SKIN SENSITIZER**

NET CONTENTS

**ROHM AND HAAS CANADA INC**

2 MANSE ROAD

WEST HILL, ONTARIO

M1E 3T9

Telephone: 1-800-268-4201

\*Goal 2XL and the flask symbol are trademarks of Rohm and Haas Company, Philadelphia, Pa., registered in Canada under which Rohm and Haas Canada Inc. has been entered as a registered user.

**NOTE TO BUYER/USER:** READ THE FOLLOWING BEFORE USING THIS PRODUCT FOR SPECIAL USE APPLICATIONS:

The DIRECTIONS FOR USE for this product for the use(s) described on the Supplementary Label were developed by persons other than Rohm and Haas Canada Inc. and accepted for registration by Health Canada under the User Requested Minor Use Label Expansion program. Rohm and Haas Canada Inc. itself makes no representation or warranty with respect to performance (efficacy) and/or crop tolerance (phytotoxicity) claims for this product when used on the crop(s) listed on this Supplementary Label

Accordingly, the Buyer and User assume all liability arising, and agree to hold Rohm and Haas Canada Inc. harmless from any claims based on efficacy and/or phytotoxicity in connection with the use(s) described on this Supplementary Label.

**DIRECTIONS FOR USE**

**STRAWBERRIES:** For the control of labelled weeds plus field pansy and wood sorrell. Apply Goal 2XL at a rate of 1.0 litre per hectare in 500 L of spray solution/ha. Apply as a single spray pre-mulching to dormant plants. Apply only one ground application per year. The preharvest interval is 150 days.

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READ THE ROTATIONAL CROPPING RESTRICTIONS ON THE FULL LABEL BEFORE USING THE PRODUCT.

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**PRECAUTIONS:** KEEP OUT OF REACH OF CHILDREN. This material causes eye injury and skin irritation. Do not get in eyes or on skin. Wear goggles or face shield, chemical resistant gloves, long trousers, long sleeved shirt, or jacket of tightly woven material along with boots high enough to cover ankles during mixing, loading, cleanup and repair activities. Wash hands and exposed skin with soap and water thoroughly before eating, drinking, smoking or using toilet. Avoid breathing vapour or spray mist or contact with clothings.

This pesticide is highly toxic to aquatic plants, aquatic invertebrates, wildlife and fish. Apply with ground equipment only. DO NOT APPLY BY AIR. Use with care when applying in areas frequented by wildlife or adjacent to any body of water or wetland area. Do not apply within 15 metres of these potentially sensitive areas. Do not apply when weather conditions favor drift or erosion from target area. Do not contaminate water bodies by cleaning of equipment or disposal of wastes.

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., contact 1-866-375-4648 or [www.cropro.org/](http://www.cropro.org/).

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

**FIRST AID**

**IF SWALLOWED:** Give 2 glasses of water to drink. Never give anything by mouth to an unconscious person. Immediately see a physician. Do not induce vomiting, petroleum distillate present. Careful gastric lavage may be indicated. **IF INHALED:** Move subject to fresh air. If breathing is difficult, give oxygen. Give artificial respiration if breathing has stopped. Get prompt medical attention. **IF ON SKIN:** Immediately get under a safety shower. Wash affected skin areas thoroughly with soap and water. Remove and wash contaminated clothing thoroughly. Do not take clothing home to be laundered. Get prompt medical attention. **IF IN EYES:** Flush eyes with a large amount of water for at least 15 minutes. See a physician. Take container, label, or product name and Pest Control Product Registration Number with you when seeking medical attention.

**TOXICOLOGICAL INFORMATION**

In acute cases of naphtha overexposure or ingestion, patients should be evaluated for signs of respiratory distress.

**STORAGE**

Do not contaminate water, food, or feed by storage or disposal. Keep from freezing. Store above 0 deg C.

**DISPOSAL**

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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.