Water soluble herbicide for non-selective control of annual and perennial weeds in Roundup Ready 2 Xtend® soybeans, XtendFlex® soybeans and corn with Roundup Ready® 2 Technology.

Herbicide soluble dans l'eau pour la suppression non sélective des mauvaises herbes annuelles et vivaces sur le soya Roundup Ready® 2 et XtendFlex®, et le maïs avec la technologie Roundup Ready® 2.

**ACTIVE INGREDIENT:**
- Glyphosate, present as the monoethanolamine salt ..........240 g a.e./L
- Dicamba, present as the diglycolamine salt ..............120 g a.e./L

READ THE LABEL AND ATTACHED BOOKLET BEFORE USING

**BAYER CROPSCIENCE INC**
Suite 200, 160 Quarry Park Blvd SE
Calgary, AB T2C 3G3
1-888-283-6847

www.cropscience.bayer.ca
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.

PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN

Avoid inhaling dust, sprays, etc.

Do not get in eyes, on skin or on clothing.

Wear a long-sleeved shirt, long pants and chemical-resistant gloves during mixing, loading, clean-up or repair activities. Applicators must wear a long-sleeved shirt, long pants and chemical-resistant gloves.

Wash thoroughly with soap and water after handling.

The restricted entry interval is 12 hours after application for all agricultural uses.

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 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.

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. For first aid instructions or the toxicological information essential for treatment, obtain and read the approved label from the registrant or phone the number indicated on this container.

TOXICOLOGICAL INFORMATION:

Dicamba may cause severe irritation to the eyes, and irritation to the skin and mucous membranes. Symptoms of overdose to dicamba may include dizziness, muscle weakness, loss of appetite, weight loss, vomiting, decreased heart rate, weakness of limbs, numbness, listlessness, incoherence, cyanosis, muscle spasms, exhaustion and loss of voice. Treat symptomatically.

In case of an emergency involving this product, call Bayer CropScience day or night.

Accident/Safety/Medical Emergency …………………………1-800-334-7577

For additional information on this or other Bayer CropScience agricultural products, call Bayer CropScience at 1-888-203-6847

PHYSICAL OR CHEMICAL HAZARDS

Spray solutions of this product should be mixed, stored and applied only in stainless steel, aluminum, fiberglass, plastic and plastic-lined steel containers.

Do NOT MIX, STORE OR APPLY THIS PRODUCT OR SPRAY SOLUTIONS OF THIS PRODUCT IN GALVANIZED STEEL OR UNCOATED STEEL (EXCEPT STAINLESS STEEL CONTAINERS OR SPRAY TANKS). This product or spray solutions of this product react with such containers and tanks to produce hydrogen gas which may form a highly combustible gas mixture. This gas mixture could flash or explode causing serious personal injury, if ignited by open flame, spark, welder’s torch, lighted cigarette or other ignition source.

ENVIRONMENTAL PRECAUTIONS

Avoid direct applications to any body of water. Do not use in areas where adverse impact on domestic water or aquatic species is likely. Do not contaminate water by disposal of waste or cleaning of equipment. Avoid all drift of product with other vegetation for which treatment is not intended as damage or destruction may occur.

Application is limited to agricultural crops only where there is low risk of drift to areas of human habitation or activity such as houses, cottages, schools and recreational areas, taking into consideration wind speed, wind direction, temperature inversions, application equipment and sprayer settings.

• TOXIC to aquatic organisms and non-target terrestrial pests. Observe buffer zones specified under DIRECTIONS FOR USE.
• 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 strip between the treated area and the edge of the water body.

SURFACE RUNOFF

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, intact soil, poorly draining soil (e.g. soils that are compacted, fine textured, or low in organic matter such as clay).

Potential for contamination of aquatic areas as a result of runoff may be reduced by including an untreated vegetative strip between the treated area and the edge of the water body.

Do not treat areas where movement of the herbicide into the soil or surface washing may bring Roundup Xtend with VaporGrip Technology into contact with roots of desirable plants.

Avoid applying this product when heavy rain is forecast.

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 the depth to the water table is shallow.

STORAGE

Store in original container only in original container only, away from other pesticides, fertilizer, feed or food. Do not use or store in or around the home. Store above -10°C to keep product in solution. If the product freezes and crystals form, place in a warm room (20°C), allow the product to melt more temperature and roll or shake periodically until crystals have re-dissolved. Keep container closed to prevent spills and contamination.

DISPOSAL

RETURNABLE CONTAINERS

Do not reuse this container for any other purpose.

For disposal, this empty container may be returned to the point of purchase (distributor/dealer) with the same product. Do not reuse this container for any other purpose.

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.

GENERAL INFORMATION ABOUT ROUNDUP XTEND WITH VAPORGRIP TECHNOLOGY HERBICIDE

Roundup Xtend with VaporGrip Technology Herbicide is a post-emergence, systemic herbicide which can have some soil residual control on small seeded broadcast weeds, depending upon rainfall and soil conditions. It is generally non-selective and gives broad-spectrum control of many annual weeds, perennial weeds, woody shrub and trees, if it is formulated as a water-soluble liquid. It may be applied using most standard industrial or field sprayers after dilution and thorough mixing with water or other carriers according to label directions.

This product enters the plant through the roots (dicamba only) and foliage and moves systematically within the plant. Visual effects of control are gradual wetting and bleaching (whitening) of stems and leaves as well as yellowing of the plant, which advances to complete browning of above-ground growth and deterioration of affected underground plant parts. Visible symptoms will usually become evident within 7–14 days, depending on the weather, and may not occur for more than 7 days. Extreme cool or cloudy weather following treatment or prolonged drought conditions may slow activity of this product and delay the visual effects of control. Always use the higher rate of this product when weeds are under poor growing conditions, such as drought. Roundup Xtend with VaporGrip Technology Herbicide is a broad spectrum weed resistance management tool with two effective modes of action on annual and perennial broadleaf weeds. Roundup Xtend with VaporGrip Technology Herbicide also controls grass weeds.

Reduced control may result if treatments are made during poor growing conditions such as drought stress, disease or insect damage. If weeds have been mowed, grazed or cut, heavy dust on foliage or an overstory canopy covering target weeds may also reduce control.

At the highest label rate this product will provide short-term residual broadleaf weed control. For season long residual weed control, Roundup Xtend with VaporGrip Technology Herbicide should be tank mixed with other appropriate herbicides. Follow the label rates and weeds controlled on the respective labels of tank mix partners with Roundup Xtend with VaporGrip Technology Herbicide. Read and carefully observe the precautionary statements and all other information appearing on the labels of all herbicides used.

Rainfall occurring within 4 hours after application, particularly on weeds growing under stress conditions, may reduce the effectiveness of this product. Heavy rainfall within 2 hours after application may wash the chemical off the foliage and a repeat treatment may be required. For best results spray coverage should be uniform and complete. If resistance is suspected, prevent weed seed production by controlling the weeds before seeds set. Weeds not controlled 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.

RESISTANCE-MANAGEMENT RECOMMENDATIONS

For resistance management, Roundup Xtend with VaporGrip Technology Herbicide in a Group 4 and 9 herbicide. Any weed population may contain or develop plants naturally resistant to Roundup Xtend with VaporGrip Technology Herbicide and other Group 4 or 9 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 Roundup Xtend with VaporGrip Technology Herbicide or other Group 4 or 9 Group 9 herbicides within a growing season (separate) or among growing seasons with different herbicide groups that control the same weeds in a field.

• Use tank mixes with herbicides from a different group when such use is permitted. In 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 choosing harvesting and tillage equipment when moving between fields, and planting clean seed.
Temperature Inversions

The following drift management requirements must be followed to ensure adjacent to sensitive crops, apply as a pre-plant, pre-emergent or early droplets to compensate for evaporation. Droplet evaporation is most severe there is risk of severe fall in night temperature after use. When making applications in low relative humidity, set up equipment to produce larger droplets to compensate for evaporation. Droplet evaporation is most severe when conditions are both hot and dry. Do not spray when the temperature is expected to exceed 30°C. Avoid applications in fog or high humidity.

Temperature Inversions

Do not apply during a temperature inversion because off-target movement potential is high. Temperature inversions increase drift potential because in fine droplets may remain suspended after application and move in unpredictable directions with light and variable wind. The following environmental conditions are often associated with temperature inversions:

- The atmosphere is very stable and vertical air mixing is restricted, which causes small, suspended droplets to remain in a concentrated cloud. This cloud can move in unpredictable directions due to the light windy conditions common during inversions.
- Temperature inversions are characterized by increasing temperatures with altitude and are common on evenings, nights, and early mornings with limited cloud cover and light to no wind. After sunset, air at the earth's surface cools and is trapped by warmer air above it. Inversions begin to form as the sun sets and often continue into the morning.
- Their presence can be indicated by fog; however, if fog is not present, inversions can also be identified by the movement of smoke from a ground source or an aircraft smoke generator. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical air mixing.
- The inversion will dissipate with increased winds (above 5 km/h) or after sunset when the surface air begins to warm.

Wind Speed and Direction

Drift potential is lowest between wind speeds of 5 to 15 km/h. If the wind speed is > 15 km/h DO NOT apply this product. If fog is not present, conduct a smoke test. Smoke that moves upward confirms there is no inversion present whereas smoke that layers and moves laterally in a concentrated cloud indicates a temperature inversion exists. Do not apply this product during a temperature inversion. Wait until the wind speed is greater than 5 km/h to ensure that any inversions have lifted. Do not apply products when the wind is blowing in the direction of a sensitive area at a wind speed greater than 15 km/h.

Controlling Droplet Size

The most effective way to reduce spray drift potential is to apply large droplets (coarse spray qualities) that provide sufficient coverage and control. Applying larger droplets reduces drift potential, but will not prevent drift if the application is made improperly, or under unfavorable environmental conditions (see the “Wind Speed and Directions”, “Temperature and Humidity” and “Temperature Inversions” sections of this label).

Nozzle type

Use only spray nozzles that produce Extremely Coarse to Ultra Coarse spray qualities and minimal amounts of fine spray droplets as defined by the American Society of Agricultural Engineers (ASAE S-572.1). Do not use conventional flat fan nozzles that produce Medium or Fine spray qualities. Check nozzle manufacturer’s recommendations to determine the proper operating pressure, nozzle spacing and ground speed that will deliver Extremely Coarse to Ultra Coarse spray qualities at spray volumes of at least 100 L/ha.

Spray Pressure

Adjust pressure for selected nozzles according to the nozzle manufacturer to produce Extremely Coarse to Ultra Coarse spray qualities. Do not exceed the nozzle manufacturer’s recommended pressures. Use sufficient spray pressure with air induction nozzles to ensure a good spray pattern, while maintaining Extremely Coarse to Ultra Coarse spray pressures, use at least 200 KPa (30 psi) to ensure proper pattern overlap and check this visually. Confirm that sprayer rate controller hardware (if so equipped) does not increase pressure above the range that produces the correct spray quality. Calibrate the flow rate for the selected nozzle on the equipment used to apply this product.

Spray Volume

Apply this product in a minimum of 100 Liters of spray solution per hectare. Use a higher spray volume when treating dense vegetation. Higher spray volumes also allow the use of larger nozzle orifices (gpm) which produce coarser spray droplets.

Equipment Ground Speed

Select a ground speed under 25 km/h that will deliver the desired spray volume while maintaining the desired spray pressure. Slower speeds generally result in more-uniform spray coverage and deposition on the target area.

Spray Boom Height

Spray at the appropriate boom height based on nozzle selection and nozzle spacing (should not be more than 50 cm above target pest or crop canopy). Set boom to lowest effective height over the target pest or crop canopy based on equipment manufacturer’s directions. Automated boom height controllers are recommended with large boom lengths to better maintain optimum nozzle to canopy height. Excessive boom height will increase the potential for spray drift.

Temperature and Humidity

Apply when air temperature is between 10 and 25°C. Do not apply when there is no stable inversion in the night temperature after use. When making applications in low relative humidity, set up equipment to produce larger droplets to compensate for evaporation. Droplet evaporation is most severe when conditions are both hot and dry. Do not spray when the temperature is expected to exceed 30°C. Avoid applications in fog or high humidity.

Irrigation

Watering is recommended before applying this product. Watering prevents drift by reducing the potential for droplets to become airborne. Watering also helps to reduce the potential for drift by increasing the potential for droplets to evaporate before they can be carried away by wind. Watering may help to reduce the potential for drift by decreasing the temperature of the spray solution, which in turn decreases the potential for drift.

Watering should be done at least 24 hours before application to ensure that the water has had enough time to penetrate the soil. Watering should be done in the morning or late afternoon when the wind is calm and the relative humidity is high. Watering should not be done in the afternoon or early evening when the wind is strong and the relative humidity is low.

Irrigation should be done at least 24 hours before application to ensure that the water has had enough time to penetrate the soil. Watering should be done in the morning or late afternoon when the wind is calm and the relative humidity is high. Watering should not be done in the afternoon or early evening when the wind is strong and the relative humidity is low.

Do not apply this product in conjunction with adjuvants that may increase the drift potential of this product. Adjuvants that may increase drift potential include water conditioners, surfactants, and certain types of surfactants. These adjuvants may increase the potential for drift by decreasing the break-up time of the spray droplets and increasing the potential for drift.

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4. Prepare a cleaning solution with a commercial detergent or sprayer cleaner and ammonia according to the manufacturer’s directions.

5. Take care to wash all parts of the tank, including the lid, top surface. Start agitation in the largest volume and then slowly disperse the cleaning solution at the rate of at least 15 minutes. All visible deposits must be removed from the spraying system.

6. Flash the system and nozzles for at least 1 minute with the cleaning solution.

7. Rinse the system for at least two additional times to accomplish an effective triple rinse.

8. Remove nozzles, screens and strainers and clean separately in the cleaning solution after completing the above procedures.

9. Appropriately dispose of rinse water from steps 1-7 in compliance with all applicable laws and regulations

10. Rinse the complete spraying system with clean water.

11. Rinse the complete spraying system with clean water.

For tank mixes, coat the labels of the tank mix partners and consider the largest (least restrictive) buffer zone of the products involved in the tank mixture and apply using the current spray (AOSAE) category indicated on the labels for those tank mix partners. The buffer zones for this product can be modified based on weather conditions and spray equipment configuration by accessing the Buff Zone Calculator on the Peterson website.

ROUNDUP READY 2 XTEND SOYBEANS and XtendFlex Soybeans
Roundup Ready 2 Xtend Flex soybeans or XtendFlex Roundup Ready 2 Xtend Flex soybeans (App) Roundup Ready 2 Xtend Flex with VaporGrip Technology Herbicide at 2.5 – 3.75 L/ha depending on the target weeds. When applying weeds are small (<30 cm) and actively growing.

Weeds controlled

<table>
<thead>
<tr>
<th>Application rate</th>
<th>Application timing/notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.5 L/ha</td>
<td>early post-emergence only</td>
</tr>
<tr>
<td>3.75 L/ha</td>
<td>early post-emergence only</td>
</tr>
</tbody>
</table>

Application footnotes for annual weeds:

1. For late flushes of annual weeds after the initial treatment, Roundup Ready 2 Xtend Flex soybeans or XtendFlex Roundup Ready 2 Xtend Flex soybeans (App) Roundup Ready 2 Xtend Flex with VaporGrip Technology Herbicide at 2.5 – 3.75 L/ha depending on the target weeds.

2. For late flushes of annual weeds after the initial treatment, Roundup Ready 2 Xtend Flex soybeans or XtendFlex Roundup Ready 2 Xtend Flex soybeans (App) Roundup Ready 2 Xtend Flex with VaporGrip Technology Herbicide at 2.5 – 3.75 L/ha depending on the target weeds.

3. For late flushes of annual weeds after the initial treatment, Roundup Ready 2 Xtend Flex soybeans or XtendFlex Roundup Ready 2 Xtend Flex soybeans (App) Roundup Ready 2 Xtend Flex with VaporGrip Technology Herbicide at 2.5 – 3.75 L/ha depending on the target weeds. For late flushes emerging after the initial treatment, Roundup Ready 2 Xtend Flex soybeans or XtendFlex Roundup Ready 2 Xtend Flex soybeans (App) Roundup Ready 2 Xtend Flex with VaporGrip Technology Herbicide at 2.5 – 3.75 L/ha depending on the target weeds.

4. For late flushes of annual weeds after the initial treatment, Roundup Ready 2 Xtend Flex soybeans or XtendFlex Roundup Ready 2 Xtend Flex soybeans (App) Roundup Ready 2 Xtend Flex with VaporGrip Technology Herbicide at 2.5 – 3.75 L/ha depending on the target weeds.

5. For late flushes of annual weeds after the initial treatment, Roundup Ready 2 Xtend Flex soybeans or XtendFlex Roundup Ready 2 Xtend Flex soybeans (App) Roundup Ready 2 Xtend Flex with VaporGrip Technology Herbicide at 2.5 – 3.75 L/ha depending on the target weeds.
CORN WITH ROUNDUP READY® 2 TECHNOLOGY

Roundup® with VaporGrip® Technology Herbicide is used in corn hybrids with Roundup Ready® Technology.

**Treatment notes:**
1. Do not apply to sweet corn, corn grown for seed production, or corn without Roundup Ready® Technology.
2. When applying Roundup® with VaporGrip® Technology Herbicide adjacent to sensitive crops, apply as a pre-emergence treatment to avoid potential drift onto these sensitive crops.
3. Apply to a minimum of two treated seeds containing more than 2.5% organic matter. Do not use on sandy or sandy-loam soils.
4. Avoid direct chemical contact with the corn seed. If you plan to apply Roundup® with VaporGrip® Technology Herbicide pre-emergence, ensure the corn seeds are placed at least 4 cm below the soil surface. If seeded less than 4 cm below the soil surface, delay application until the spike stage.
5. Do not incorporate.
6. Do not apply to corn over 50 cm in height. Measure the corn as it stands, not leaf extended.

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

Apply Roundup® with VaporGrip® Technology Herbicide at 2.5 - 5 L/ha depending on the target weeds.

### Weeds controlled, Application rate, Application timing/notes

<table>
<thead>
<tr>
<th>Weeds controlled</th>
<th>Application rate</th>
<th>Application timing/notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Annual broadleaf weeds</td>
<td>2.5 L/ha</td>
<td>Pre-emergence treatment</td>
</tr>
<tr>
<td>All weeds listed above</td>
<td>3.75 L/ha</td>
<td>Pre-plant, pre-emergence</td>
</tr>
<tr>
<td>Arabian woolly dandelion</td>
<td>5 L/ha</td>
<td>Post-emergence treatment</td>
</tr>
<tr>
<td>Common dandelion</td>
<td>5 L/ha</td>
<td>Post-emergence treatment</td>
</tr>
<tr>
<td>Canada thistle</td>
<td>6.25 L/ha</td>
<td>Post-emergence treatment</td>
</tr>
<tr>
<td>Canada thistle</td>
<td>6.5 L/ha</td>
<td>Post-emergence treatment</td>
</tr>
<tr>
<td>Canada thistle</td>
<td>6.875 L/ha</td>
<td>Post-emergence treatment</td>
</tr>
<tr>
<td>Canada thistle</td>
<td>7 L/ha</td>
<td>Post-emergence treatment</td>
</tr>
<tr>
<td>Canada thistle</td>
<td>7.125 L/ha</td>
<td>Post-emergence treatment</td>
</tr>
</tbody>
</table>

Notes:
- For sequential applications, ensure the crop has not advanced beyond the recommended growth stage. The sequential applications should be applied at least two weeks after the first application. The 5 L/ha rate is to be used only once in a growing season. Do not exceed the maximum season total of 10 L/ha.

### Notes on perennial weed control:

<table>
<thead>
<tr>
<th>Rate</th>
<th>Perennial weeds Notes*</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.5 L/ha</td>
<td>Single application provides suppression only. Sequential applications provide control.</td>
</tr>
<tr>
<td>3 L/ha</td>
<td>Single application provides suppression only. Sequential applications provide control.</td>
</tr>
<tr>
<td>3.5 L/ha</td>
<td>Single application provides suppression only. Sequential applications provide control.</td>
</tr>
<tr>
<td>4 L/ha</td>
<td>Single application provides suppression only. Sequential applications provide control.</td>
</tr>
</tbody>
</table>

Notes:
- The 5 L/ha rate is to be used only once in a growing season. Do not exceed the maximum season total of 10 L/ha.
- Roundup®, Roundup Ready® Technology, XtendFlex®, Roundup Ready® 2 Xtend®, and VaporGrip® are trademarks of Bayer Group. Used under license. ©2020 Bayer Group. All rights reserved.

Application footnotes for annual weeds:
1. Post-emergence application only, up to 8 cm in height.
2. Sequential applications may be required for the control of round-leaved mallow.
3. Apply when adzuki beans are at the unifoliate to 4th trifoliate leaf stage.
4. For late flushes emerging after the initial treatment, Roundup® brand agricultural herbicides that do not contain dicamba may be applied at 1.67 L/ha when the adzuki beans are in the unifoliate to 4th trifoliate leaf stage and actively growing.
5. Two applications when the bar cucumber is at the 1 to 3 leaf stage. Applications should be at least 2 weeks apart for best results.
6. Provides suppression only of volunteer round-leaved mallow.
**BASE LABEL**

**PRODUCT INFORMATION**

Roundup® XTend™

**ACTIVITY**

Glyphosate, present as the amine salt

**FORMULATIONS**

\[ \text{Glyphosate, amine salt} \] 12% a.e.

**DIRECTIONS FOR USE**

Roundup® XTend™ is a herbicide containing 12% a.e. Glyphosate amine salt. It is intended for use on crops expressing Roundup® Ready 2 Technology, XtendFlex™, and le maïs avec la technologie VaporGrip. It is also intended for use on les soya expression Roundup® Ready 2 Technology, XtendFlex™ et le maïs avec la technologie VaporGrip.

**TOXICOLOGICAL INFORMATION**

**FIRST AID**

- **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 inhaled:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a poison control centre or doctor for treatment advice.
- **If swallowed:** Do not induce vomiting. Give 1–2 cups of water or milk. Call a poison control centre or doctor for treatment advice.

**PHYSICAL OR CHEMICAL HAZARDS**

**DANGERS**

Roundup® XTend™ is a highly toxic substance. It is harmful by inhalation, ingestion and skin contact. It is a suspected human carcinogen. Exposure to this product can be fatal.

**ENVIRONMENTAL PRECAUTIONS**

**STORAGE:**

- Store ABC containers of pesticide in an area that is not accessible to children or animals (at least 76 cm above the floor).
- Store ABC containers of pesticide in a dry, cool area with good ventilation.
- Do not store ABC containers of pesticide near food, feed, or drinking water sources.
- Do not store ABC containers of pesticide in or near buildings used for human habitation.
- Do not store ABC containers of pesticide in or near water sources.

**ACCIDENT/SPELLS/MEDICAL EMERGENCY:**

- **1-800-334-7577**
- For additional information on this or other Bayer CropScience agricultural products,
  contact Bayer CropScience at any time of day or night:

**MATERIAL SAFETY DATA SHEET**

- Bayer CropScience
- 1960 Renaissance Drive
- Calgary, AB T2C 3G3

**GENERAL INFORMATION**

- **ROUNDPY® XTEND™**
  - Registration number 854-
  - Roundup® Ready 2 Technology
  - Roundup® Ready 2 Technology, Roundup® Ready 2 Technology
  - XtendFlex™
  - Roundup® Xtend™
  - VaporGrip

**PRECAUTIONS:**

This pest control product is to be used only in accordance with the directions on the label. It is an offence under the Agricultural Products Act to use this product in a manner that is likely to cause damage by drift upon a crop or other vegetation for which treatment is not intended. If you are not sure about the location of any crops or vegetation that are not intended to be treated, contact your provincial pesticide regulator before using this product.

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  - Registration number 854-
  - Roundup® Ready 2 Technology
  - Roundup® Ready 2 Technology, Roundup® Ready 2 Technology
  - XtendFlex™
  - Roundup® Xtend™
  - VaporGrip

**PRECAUTIONS:**

This pest control product is to be used only in accordance with the directions on the label. It is an offence under the Agricultural Products Act to use this product in a manner that is likely to cause damage by drift upon a crop or other vegetation for which treatment is not intended. If you are not sure about the location of any crops or vegetation that are not intended to be treated, contact your provincial pesticide regulator before using this product.

**FIRST AID:**

- **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 inhaled:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a poison control centre or doctor for treatment advice.
- **If swallowed:** Do not induce vomiting. Give 1–2 cups of water or milk. Call a poison control centre or doctor for treatment advice.

**PHYSICAL OR CHEMICAL HAZARDS:**

**DANGERS**

Roundup® XTend™ is a highly toxic substance. It is harmful by inhalation, ingestion and skin contact. It is a suspected human carcinogen. Exposure to this product can be fatal.

**ENVIRONMENTAL PRECAUTIONS:**

**STORAGE:**

- Store ABC containers of pesticide in an area that is not accessible to children or animals (at least 76 cm above the floor).
- Store ABC containers of pesticide in a dry, cool area with good ventilation.
- Do not store ABC containers of pesticide near food, feed, or drinking water sources.
- Do not store ABC containers of pesticide in or near buildings used for human habitation.
- Do not store ABC containers of pesticide in or near water sources.

**ACCIDENT/SPELLS/MEDICAL EMERGENCY:**

- **1-800-334-7577**
- For additional information on this or other Bayer CropScience agricultural products,
  contact Bayer CropScience at any time of day or night:

**MATERIAL SAFETY DATA SHEET**

- Bayer CropScience
- 1960 Renaissance Drive
- Calgary, AB T2C 3G3