2021-5339
2026-10-05

GROUP	4	19	HERBICIDES

Calovor™

FOR SALE FOR USE IN EASTERN AND WESTERN CANADA

WETTABLE GRANULES

COMMERCIAL (AGRICULTURAL)

ACTIVE INGREDIENTS: Diflufenzopyr (present as sodium salt) - 16% a.e.
Dicamba (present as sodium salt) - 40% a.e.

WARNING, CONTAINS THE ALLERGEN SULFITES

REGISTRATION NO. 36097 **PEST CONTROL PRODUCTS ACT**

IN CASE OF EMERGENCY ENDANGERING LIFE OR PROPERTY INVOLVING THIS PRODUCT, CALL DAY OR NIGHT 1-800-454-2673

CAUTION - EYE IRRITANT
POTENTIAL SKIN SENSITIZER

NET CONTENTS: 1 kg - 1000 kg

READ THE LABEL AND BOOKLET BEFORE USING

KEEP OUT OF REACH OF CHILDREN

BASF Agricultural Solutions Canada Inc.
510, 28 Quarry Park Blvd. SE
Calgary, Alberta
T2C 5P9
1-877-371-2273

CALOVOR is a registered trade-mark of BASF, used with permission by BASF Agricultural Solutions Canada Inc.

PRECAUTIONS

1. **KEEP OUT OF REACH OF CHILDREN**.
2. May irritate eyes. Avoid contact with eyes. Avoid breathing spray or spray mist.
3. Potential skin sensitizer. Avoid contact with skin and clothing.
4. DO NOT eat, drink or smoke/vape while using this product. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum/tobacco, smoking/vaping, using the toilet or handling mobile devices. Vehicle cab MUST be decontaminated regularly.
5. DO NOT apply to seed or sweet corn.
6. DO NOT apply by air.
7. DO NOT till or cultivate treated areas for at least 7 days following application.
8. DO NOT enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 12 hours.
9. Apply only when the potential for drift beyond the area to be treated is minimal. Take into consideration wind speed, wind direction, temperature inversions, application equipment, and sprayer settings.
10. Follow the personal protective equipment, engineering control and restriction requirements for the appropriate task and application scenario. These restrictions are required to minimize exposure to the worker.

Personal Protective Equipment and Engineering Controls			**Restricted Amount of Product Handled per Day per Person**
Mixing/Loading/Clean-up and Repair	**Application Equipment**	**Application**	
Long-sleeved shirt, long pants, socks, shoes, chemical-resistant gloves, and a NIOSH-approved N95 (minimum) filtering facepiece respirator (dust mask) that is properly fit tested	Groundboom – Open Cab	Long-sleeved shirt, long pants, socks, shoes, and chemical-resistant gloves[1]	Less than 113 kg
		Long-sleeved shirt, long pants, socks, shoes, chemical-resistant gloves[1] and a respirator with a NIOSH-approved organic-vapour-removing cartridge (with a prefilter) approved for pesticides OR a NIOSH-approved canister approved for pesticides[2]	Greater than or equal to 113 kg

	Groundboom – Closed Cab[3]	Long-sleeved shirt, long pants, socks and shoes	

[1] Gloves are not required within a closed cab.
[2] A respirator is not required within a closed cab.
[3] A closed cab provides both a physical barrier and respiratory protection (such as dust/mist filtering and/or vapour/gas purification system).

11. If the product comes in contact with clothing/PPE, remove all contaminated clothing/PPE, wash the outside of gloves with soap and water before removing, wash contaminated skin with soap and water, and then dress in clean clothing. Launder contaminated clothing/PPE regularly and separately from other laundry. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Heavily contaminated or drenched clothing and other absorbent materials contaminated with this product should be discarded. DO NOT reuse them.

[Optional statement for smaller container sizes]

Please refer to the booklet for the complete list of Precautions.

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4. DO NOT apply to seed or sweet corn.
5. DO NOT apply by air.

ENVIRONMENTAL PRECAUTIONS

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

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.

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. Additional guidance can be found on the Runoff Mitigation portion of the Canada.ca website.

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. 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.

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

TOXICOLOGICAL INFORMATION

Dicamba may cause mild irritation to the eyes, and irritation to the skin and mucous membranes. Symptoms of overexposure to dicamba may include dizziness, muscle weakness, loss of appetite, weight loss, vomiting, decreased heart rate, shortness of breath, excitement, tenseness, depression, incontinence, cyanosis, muscle spasms, exhaustion and loss of voice. Treat symptomatically.

STORAGE

Store this product away from food or feed. Store Calovor in original container only, in a cool, dry place. DO NOT contaminate water, food or feed by storage.

DISPOSAL

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 or territorial requirements.

Refillable Containers

For disposal, this empty 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.

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 registrant or the provincial or territorial regulatory agency. Contact the registrant and the provincial or 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.

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		Long-sleeved shirt, long pants, socks, shoes, chemical-resistant gloves[1] and a respirator with a NIOSH-approved organic-vapour-removing cartridge (with a prefilter) approved for pesticides OR a NIOSH-approved canister approved for pesticides[2]	Greater than or equal to 113 kg

	Groundboom – Closed Cab[3]	Long-sleeved shirt, long pants, socks and shoes	

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GENERAL PRECAUTIONS

1. DO NOT apply **Calovor** on or near desirable trees or plants (see Spray Drift Precautions).

2. Apply **Calovor** when air temperature is between 10-27ºC. DO NOT apply when there is a risk of severe drop in night temperature.

3. DO NOT treat areas where soil penetration or surface washing may bring **Calovor** into contact with the roots of desirable plants.

4. Crop damage may occur if **Calovor** is applied at any time other than the recommended crop stage.

   Note: *Crops growing under stress from adverse environmental conditions such as excess moisture, drought, disease, etc. may suffer a further setback and exhibit more pronounced injury symptoms if* ***Calovor*** *is applied. However, the crop injury that may occur is usually offset by the weed control obtained.*

ENVIRONMENTAL PRECAUTIONS

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

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.

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 in 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. Additional guidance can be found on the Runoff Mitigation portion of the Canada.ca website.

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.

SPRAY DRIFT PRECAUTIONS

Calovor may cause injury to desirable trees and plants, particularly soybeans, tobacco, grapes, peas, potatoes, tomatoes, and many other fields, ornamental, and fruit crops. Follow these precautions when spraying in the vicinity of sensitive crops:

1. Measure wind speed at the boom height. DO NOT apply **Calovor** when sustained wind speed exceeds 15 kilometeres per hour.

2. DO NOT exceed the nozzle manufacturer’s recommended pressures. For many nozzle types, lower pressure produces larger droplets. When higher flow rates are needed, use higher flow rate nozzles instead of increasing pressure. Ensure that sprayer rate controller hardware (if so equipped) does not allow pressure increases above the desired range.

3. DO NOT spray **Calovor** when temperatures are expected to exceed 27ºC.

4. DO NOT spray in high humidity or fog.

SPRAY BUFFER ZONES

Field sprayer application: DO NOT apply when wind speed is less than 1 km/h. Avoid application of this product when winds are gusty. DO NOT apply with sprays finer than the American Society of Agricultural and Biological Engineers (ASABE) S572 (572.1 to 572.3) Coarse classification. Boom height must be 60 cm or less above the crop or ground.

DO NOT apply by air.

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/Site	Spray Buffer Zones (metres) Required for the Protection of:				
		Freshwater Habitat of Depths:		Estuarine/Marine Habitat of Depths:		Terrestrial Habitat:
		Less than 1 m	Greater than 1 m	Less than 1 m	Greater than 1 m	
Field sprayer	Field corn	0	0	0	0	1

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 (ASABE) category indicated on the labels for those tank mix partners.

The spray buffer zones for this product for conventional application equipment can be modified based on weather conditions and spray equipment configuration by accessing the Spray Buffer Zone Calculator on the Drift Mitigation portion of the Canada.ca website. Spray buffer zones of 1 m (ground) CANNOT be modified

FIELD CORN

Calovor is a selective post-emergent herbicide for use in Eastern and Western Canadian corn. Use **Calovor** for control of annual broadleaf weeds.

Calovor may also be applied in tank-mix combination with glyphosate. **Calovor** is compatible with all liquid glyphosate formulations registered for use as a post-emergent treatment to field corn in which glyphosate is present as an isopropylamine salt, di-ammonium salt or potassium salt, as a tank mix-partner.

Refer to the glyphosate label for further recommendations, precautions, restrictions and limitations. Always use in accordance with the more restrictive label restrictions and precautions.

WARNING

When applying **Calovor** and glyphosate tank mix, apply ONLY to glyphosate tolerant corn, i.e., varieties with the Roundup Ready® gene. **CORN VARIETIES WHICH ARE NOT DESIGNATED AS GLYPHOSATE TOLERANT WILL BE DAMAGED OR DESTROYED BY THIS TREATMENT.**

TREATMENT NOTES

1. Apply **Calovor** alone in 100 to 200 litres of water/ha. Consult nozzle manufacturer's recommendation for spray pressure for specific nozzles. Only one application of **Calovor** is permitted per year.

2. Applying **Calovor** or **Calovor** tank mixes to field corn during periods of rapid growth may result in temporary leaning. Field corn will usually become erect within 3-7 days with no subsequent yield reduction. To avoid breakage, cultivation should be delayed until after the field corn is growing normally.

3. Field corn growing under stress conditions such as drought, poor fertility, or foliar damage due to hail, wind or insects can exhibit various injury symptoms that may be more pronounced if herbicides are applied.

4. Rainfall or irrigation should not occur within 4 hours after treatment.

5. When applying **Calovor** adjacent to sensitive crops, apply as an early post-emergent treatment to avoid potential drift.

6. Weeds treated with **Calovor** will display symptoms within several hours and be controlled within 3-7 days.

   Note: *Display symptoms for broadleaf weeds will include twisting and crinkling. Grasses may display twisting, but will remain green and stunted.*

WEEDS CONTROLLED

Calovor alone controls the following weeds. Refer to the tank mix partner label for weeds controlled in addition to those listed below. When applied in tank mix with glyphosate, apply to weeds less than 15 cm in height, according to the glyphosate label.

Redroot pigweed
Common ragweed
Lamb's-quarters
Wild buckwheat
Lady's-thumb
Velvetleaf [1]
Canada thistle (top growth) [1]
Tall waterhemp [1]
Biennial wormwood [1, 2]
Common cocklebur [1, 3]
Giant ragweed (suppression) [1, 4]
Perennial sow thistle (suppression) [1, 5]
Volunteer adzuki beans [1, 6]
Volunteer canola [7]
Kochia [8]

[1] Post-emergence application at 2-8 leaf stage of corn only.
[2] Apply at the 2-8 leaf stage of biennial wormwood.
[3] Apply at the cotyledon to 6-leaf stage of common cocklebur.
[4] Apply at the 2-8 leaf stage of giant ragweed.
[5] Apply at the 2-10 leaf stage of perennial sow thistle.
[6] Apply at the unifoliate to third trifoliate stage of volunteer adzuki beans.
[7] Apply at the cotyledon to 4-leaf stage of volunteer canola.
[8] Apply at less than 15 cm high.

Tank Mix Options

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 BASF Agricultural Solutions Canada Inc. ("BASF") at 1-877-371-2273 for information before mixing any pesticide that is not specifically recommended on this label.

Tank Mix Compatibility Determination: To determine compatibility, mix all components of the finished spray in proportionate quantities in a small jar. Add components to the test jar in the following order: wettable powders and water dispersible granules, liquid flowables and suspensions, emulsifiable concentrate formulations, and solutions. If the mixture does not ball-up or form flakes, sludge, jelly, oily films or layers, or other precipitates within 2 hours after mixing and can easily be resuspended with agitation, then the tested spray-mix is compatible. Always follow the most restrictive label regarding any precautions when tank mixing.

APPLICATION DIRECTIONS - POST-EMERGENCE

WESTERN CANADA

Herbicide	Rate/Hectare	Corn Stage	Broadleaf Weed Stage	Grass Weed Stage
Calovor + non-ionic surfactant [1] + liquid urea ammonium nitrate (UAN) [2]	356 g	2 - 8 leaf	Apply to active growth stage of seedling broadleaf weeds.[3]	
Calovor + Glyphosate [4]	356 g + 1.67 - 3.33 L/ha (540 g/L equivalent)	2 - 8 leaf	Apply to weeds less than 15 cm in height, according to the glyphosate label.	Refer to the glyphosate label for additional weeds controlled.
Calovor + Glyphosate [4] + Atrazine [5]	356 g + 1.67 L/ha (540 g/L equivalent) + 750 - 1000 g a.i./ha	2 - 5 leaf	Refer to the tank mix partner label for additional weeds controlled	Refer to the tank mix partner label for additional weeds controlled.
Calovor + Glyphosate [6] + Armezon PRO	356 g + 1.67 L/ha (540 g/L equivalent) + 1 L/ha	2 - 8 leaf	Refer to the tank mix partner label for additional weeds controlled.	Refer to the tank mix partner label for additional weeds controlled.
Calovor + Glyphosate [6] + Armezon PRO + Atrazine [5]	356 g + 1.67 L/ha (540 g/L equivalent) + 1 L/ha + 500 g a.i./ha	2 - 8 leaf	Refer to the tank mix partner label for additional weeds controlled.	Refer to the tank mix partner label for additional weeds controlled.
Calovor + Glyphosate [6] + Armezon	356 g + 1.67 L/ha (540 g/L equivalent) + 37 mL/ha	2 - 7 leaf	Refer to the tank mix partner label for additional weeds controlled.	Refer to the tank mix partner label for additional weeds controlled.
Calovor + Glyphosate [6] + Armezon + Atrazine [5]	356 g + 1.67 L/ha (540 g/L equivalent) + 37 mL/ha + 500 g a.i./ha	2 - 7 leaf	Refer to the tank mix partner label for additional weeds controlled.	Refer to the tank mix partner label for additional weeds controlled.
Calovor + ZIDUA SC + non-ionic surfactant [1] + liquid urea ammonium nitrate (UAN) [2]	356 g + 120 - 240 mL/ha	2 - 8 leaf	Refer to the tank mix partner label for additional weeds controlled.	Refer to the tank mix partner label for additional weeds controlled.

Herbicide	Rate/Hectare	Corn Stage	Broadleaf Weed Stage	Grass Weed Stage
Calovor + ZIDUA SC+ Glyphosate	356 g + 120 - 240 mL/ha + Refer to glyphosate label for rates	2 - 8 leaf	Refer to the tank mix partner label for additional weeds controlled.	Refer to the tank mix partner label for additional weeds controlled.
Calovor + LIBERTY 200 SN Herbicide [7]	356 g + 1.5 or 2 or 2.5 L/ha	2 - 8 leaf	Refer to the tank mix partner label for additional weeds controlled.	Refer to the tank mix partner label for additional weeds controlled.

1. Use at 0.25% v/v, i.e., 2.5 litres per 1000 L of spray solution.
2. Use at 1.25% v/v, i.e., 12.5 litres per 1000 L of spray solution.
3. Refer to the Weeds Controlled section of this label for specific weed staging information.
4. Use glyphosate formulations registered for use as a post-emergence treatment to glyphosate tolerant corn in which glyphosate is present as an isopropylamine salt, di-ammonium salt or potassium salt. Glyphosate formulations will require a product rate calculation adjustment according to percent active ingredient.
5. Atrazine formulations will require a product rate calculation adjustment according to percent active ingredient. Example: A rate of 750 g ai/ha is equivalent to 1.56 L/ha of Aatrex Liquid 480.
6. Use glyphosate formulations registered for use as a post-emergence treatment to glyphosate tolerant corn in which glyphosate is present as an isopropylamine salt or potassium salt. Glyphosate formulations will require a product rate calculation adjustment according to percent active ingredient.
7. Apply ONLY to glufosinate ammonium tolerant corn.

EASTERN CANADA

Herbicide	Rate/Hectare	Corn Stage	Broadleaf Weed Stage	Grass Weed Stage
Calovor	356 g	Spike to 1 leaf	Apply as a broadcast ground treatment. It is not necessary that weeds be emerged at the time of application. DO NOT use additives such as oils, wetting agents, sticking agents, etc.	
Calovor + non-ionic surfactant [1] + liquid urea ammonium nitrate (UAN) [2]	356 g	2 - 8 leaf	Apply to active growth stage of seedling broadleaf weeds.[3]	
Calovor + Glyphosate [4]	356 g + 1.67 - 3.33 L/ha (540 g/L equivalent)	2 - 8 leaf	Apply to weeds less than 15 cm in height, according to the glyphosate label.	Refer to the glyphosate label for additional weeds controlled.
Calovor + Glyphosate [4] + Atrazine [5]	356 g + 1.67 L/ha (540 g/L equivalent) + 750 - 1000 g a.i./ha	2 - 5 leaf	Refer to the tank mix partner label for additional weeds controlled.	Refer to the tank mix partner label for additional weeds controlled.

Herbicide	Rate/Hectare	Corn Stage	Broadleaf Weed Stage	Grass Weed Stage
Calovor + Glyphosate [6] + Armezon PRO	356 g + 1.67 L/ha (540 g/L equivalent) + 1 L/ha	2 - 8 leaf	Refer to the tank mix partner label for additional weeds controlled.	Refer to the tank mix partner label for additional weeds controlled.
Calovor + Glyphosate [6] + Armezon PRO + Atrazine [5]	356 g + 1.67 L/ha (540 g/L equivalent) + 1 L/ha + 500 g a.i./ha	2 - 8 leaf	Refer to the tank mix partner label for additional weeds controlled.	Refer to the tank mix partner label for additional weeds controlled.
Calovor + Glyphosate [6] + Armezon	356 g + 1.67 L/ha (540 g/L equivalent) + 37 mL/ha	2 - 7 leaf	Refer to the tank mix partner label for additional weeds controlled.	Refer to the tank mix partner label for additional weeds controlled.
Calovor + Glyphosate [6] + Armezon + Atrazine [5]	356 g + 1.67 L/ha (540 g/L equivalent) + 37 mL/ha + 500 g a.i./ha	2 - 7 leaf	Refer to the tank mix partner label for additional weeds controlled.	Refer to the tank mix partner label for additional weeds controlled.
Calovor + Prowl H2O Herbicide + Glyphosate [4]	356 g + 2.2 L/ha + 1.67 L/ha (540 g/L equivalent)	2 - 4 leaf	Refer to the tank mix partner label for additional weeds controlled.	Refer to the tank mix partner label for additional weeds controlled.
Calovor + LIBERTY 200 SN Herbicide [7]	356 g + 1.5 or 2 or 2.5 L/ha	2 - 8 leaf	Refer to the tank mix partner label for additional weeds controlled.	Refer to the tank mix partner label for additional weeds controlled.
Calovor + ZIDUA SC + non-ionic surfactant [1] + liquid urea ammonium nitrate (UAN) [2]	356 g + 120 - 240 mL/ha	2 - 8 leaf	Refer to the tank mix partner label for additional weeds controlled.	Refer to the tank mix partner label for additional weeds controlled.
Calovor + ZIDUA SC + Glyphosate	356 g + 120 - 240 mL/ha + Refer to glyphosate label for rates	2 - 8 leaf	Refer to the tank mix partner label for additional weeds controlled.	Refer to the tank mix partner label for additional weeds controlled.

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2. Use at 1.25% v/v, i.e., 12.5 litres per 1000 L of spray solution.
3. Refer to the Weeds Controlled section of this label for specific weed staging information.
4. Use glyphosate formulations registered for use as a post-emergence treatment to glyphosate tolerant corn in which glyphosate is present as an isopropylamine salt, di-ammonium salt or potassium salt. Glyphosate formulations will require a product rate calculation adjustment according to percent active ingredient.
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6. Use glyphosate formulations registered for use as a post-emergence treatment to glyphosate tolerant corn in which glyphosate is present as an isopropylamine salt or potassium salt. Glyphosate formulations will require a product rate calculation adjustment according to percent active ingredient.
7. Apply ONLY to glufosinate ammonium tolerant corn.

MIXING INSTRUCTIONS AND ORDER

1. Fill sprayer ½ full with clean water and agitate.
2. Products in PVA bags: Add the correct amount of product to the mixing tank and continue agitation. Wait until fully dissolved and product is evenly mixed.
3. Add the correct amount of **Calovor** to the spray tank and continue agitation until completely dissolved and product is fully dispersed.
4. For **Calovor** applied alone, add the recommended amount of non-ionic surfactant followed by the recommended amount of UAN (28% N).
5. If required, add the correct amount of liquid, solution or suspension product tank mix partner.
6. If required, add in the correct amount of emulsifiable concentrate product tank mix partner.
7. If required, add the correct amount of glyphosate product tank mix partner.
8. If required, add in the correct amount of adjuvants or surfactants last.
9. Continue agitation while adding the remaining amount of water.

SPRAY ADDITIVES

For Post-Emergence Use ONLY
For best adherence, **Calovor** requires additives for post-emergent treatments in field corn.

The addition of a non-ionic surfactant at 0.25% v/v plus liquid nitrogen fertilizer 28-0-0 at 1.25% v/v is recommended except when Calovor is applied prior to weed emergence (the spike to 1-leaf stage of corn) or in the tank mixture containing glyphosate with built in surfactants. Spray grade ammonium sulfate may be substituted for liquid nitrogen fertilizer.

CROP HARVEST

1. DO NOT permit animals (including lactating dairy animals) to graze fields or cut corn for forage or silage within 75 days of application.
2. DO NOT harvest grain within 120 days of application.
3. A plant back interval of 30 days is required for the planting of rotational crops.
4. Withdraw meat animals from treated fields at least 3 days before slaughter.

RESISTANCE-MANAGEMENT RECOMMENDATIONS

For resistance management, please note that **Calovor** is a Group 4 and Group 19 herbicide. Any weed population may contain or develop plants naturally resistant to **Calovor** and other Group 4 and Group 19 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 **Calovor** or other Group 4 or Group 19 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 BASF at 1-877-371-2273 or at www.agsolutions.ca.

SPRAY EQUIPMENT CLEANING

Calovor alone or **Calovor** with other tank mixes.

If you have used **Calovor** alone, follow these steps to clean the spray equipment:

1. Thoroughly hose down the inside and outside of equipment surfaces while filling the spray tank half-full with water. Flush by operating the sprayer until the system is purged of the rinse water.
2. Fill the tank with water, adding 1 L of household ammonia for every 100 L of water. Operate the spray pump to circulate the ammonia solution through the spray system for 15-20 minutes and discharge a small amount of the ammonia solution throughout the spray boom and nozzles. Let the solution stand for several hours, preferably overnight.
3. Flush the solution out of the spray tank through the boom.
4. Remove the nozzles and screens and flush the system with two tanks full of water.

If **Calovor** is used in a tank mix, refer to tank mix partner product label for any additional cleaning instructions.

STORAGE

Store this product away from food or feed. Store **Calovor** in original container only, in a cool, dry place. DO NOT contaminate water, food or feed by storage.

DISPOSAL

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 or territorial requirements.

Refillable Containers
For disposal, this empty 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.

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 registrant or the provincial or territorial regulatory agency. Contact the registrant and the provincial or 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.

TM/®All other products listed are trade-marks and registered trade-marks of their respective companies.