

GROUP

4

19

HERBICIDE

**DISTINCT® HERBICIDE**

FOR SALE FOR USE IN EASTERN AND WESTERN CANADA

**WETTABLE GRANULES**

**COMMERCIAL (AGRICULTURAL)**

**GUARANTEE:** Diflufenzopyr (present as sodium salt) - 20% a.e.  
Dicamba (present as sodium salt) - 50% a.e.

WARNING, CONTAINS THE ALLERGEN SULFITES

**REGISTRATION NO.** 25811

**PEST CONTROL PRODUCTS ACT**

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



**CAUTION**

**POISON**

**CAUTION - EYE IRRITANT  
POTENTIAL SKIN SENSITIZER**

**NET CONTENTS:** 1.14 – 4.6 kg

**READ THE LABEL AND ATTACHED BROCHURE BEFORE USING**

**KEEP OUT OF REACH OF CHILDREN**

BASF Canada Inc.  
100 Milverton Drive  
5<sup>th</sup> Floor  
Mississauga, Ontario  
L5R 4H1  
1-877-371-2273

DISTINCT is a registered trade-mark of BASF Corporation, used with permission by BASF Canada Inc.

## **PRECAUTIONS**

1. **KEEP OUT OF REACH OF CHILDREN.**
2. Avoid breathing spray or spray mist.
3. Avoid contact with skin, eyes, and clothing.
4. Harmful if swallowed.
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. When mixing and loading or applying, wear a long-sleeved shirt, long pants, shoes and socks, and chemical resistant gloves. In addition, wear protective eyewear (face shield or safety glasses) while mixing and loading.
9. **DO NOT** enter treated fields until 12 hours after application.

## **ENVIRONMENTAL HAZARDS**

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

### **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, bare soil and 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.

Avoid applying this product when heavy rain is in 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/or the depth to the water table is shallow.

## **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 or accidentally consumed:** 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.

## **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.

## **STORAGE**

1. Store **DISTINCT** herbicide in original container only.
2. Store **DISTINCT** herbicide in a cool, dry place.
3. Do not contaminate water, food or feed by storage.

## **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.

**DISTINCT® HERBICIDE**

FOR SALE FOR USE IN EASTERN AND WESTERN CANADA

**WETTABLE GRANULES**

**COMMERCIAL (AGRICULTURAL)**

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2. Avoid breathing spray or spray mist.
3. Avoid contact with skin, eyes, and clothing.
4. Harmful if swallowed.
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. When mixing and loading or applying, wear a long-sleeved shirt, long pants, shoes and socks, and chemical resistant gloves. In addition, wear protective eyewear (face shield or safety glasses) while mixing and loading.
9. **DO NOT** enter treated fields until 12 hours after application.

## FIRST AID

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**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.

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## 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.

## GENERAL PRECAUTIONS

1. Do not apply **DISTINCT** herbicide on or near desirable trees or plants (see Spray Drift Precautions).
2. Apply **DISTINCT** herbicide when air temperature is between 10-25°C. Do not apply when there is a risk of severe drop in night temperature.
3. DO NOT contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes. Thoroughly clean application equipment. (See Container Cleaning and Disposal).
4. DO NOT use in residential areas, which are defined as sites where bystanders may be present during or after spraying, including homes, schools, parks, playgrounds, playing fields and public buildings.
5. DO NOT apply this product directly to freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs and wetlands), or to estuarine/marine habitats.
6. Do not treat areas where soil penetration or surface washing may bring **DISTINCT** herbicide into contact with the roots of desirable plants.
7. Crop damage may occur if **DISTINCT** herbicide 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 **DISTINCT** herbicide is applied. However, the crop injury that may occur is usually offset by the weed control obtained.*

8. If **DISTINCT** herbicide is tank mixed with another product, consult that product's label for additional safety precautions, restrictions, application rates, timings and additional weeds controlled.

## ENVIRONMENTAL HAZARDS

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

## SPRAY DRIFT PRECAUTIONS

**DISTINCT** herbicide 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. Do not spray **DISTINCT** herbicide if wind velocity exceeds 8 km/h. Leave an adequate buffer zone between spraying area and sensitive plants.
2. Use high-volume sprays under low pressure. Use coarse sprays since they are less likely to drift than fine sprays. Keep spray pressure below 150 kPa and the spray volume above 220 L/ha unless otherwise required by the nozzle manufacturer.

3. Do not spray **DISTINCT** herbicide when temperatures are expected to exceed 27°C.
4. Do not spray in high humidity or fog.

## DIRECTIONS FOR USE

### Field Sprayer Application

DO NOT apply during periods of dead calm. Avoid application of this product when winds are gusty.

DO NOT apply with spray droplets smaller than the American Society of Agricultural Engineers (ASAE) coarse classification. Boom height must be 60 cm or less above the crop or ground.

The 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	Buffer zone (metres) required for the protection of:		
		Freshwater habitat	Estuarine/Marine habitat	Terrestrial habitat
Field sprayer*	Corn, chemfallow and post-harvest	15	15	10

\* For field sprayer application, buffer zones can be reduced with the use of drift-reducing spray shields. When using a spray boom fitted with a full shield (shroud, curtain) that extends to the crop canopy, the labelled buffer zone can be reduced by 70%. When using a spray boom where individual nozzles are fitted with cone-shaped shields that are no more than 30 cm above the crop canopy, the labelled buffer zone can be reduced by 30%.

When a tank mixture is used, consult the labels of the tank-mix partners and observe the largest (most restrictive) buffer zone of the products involved in the tank mixture.

### 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, bare soil and 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.

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/or the depth to the water table is shallow.

## FIELD CORN

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

For a complete weed control program in Eastern Canada only, tank mix **DISTINCT** herbicide with Accent<sup>®</sup> 75 DF, Ultim<sup>®</sup> 75% DF, Option<sup>™</sup> 35DF or Option<sup>™</sup> 2.25 OD Liquid Herbicide.

## TREATMENT NOTES

1. Apply **DISTINCT** herbicide alone in 100 to 200 litres of water/ha at a pressure of 150-275 kPa using ground equipment only. Only one application of **DISTINCT** herbicide is permitted per year.
2. Applying **DISTINCT** herbicide or **DISTINCT** herbicide 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 **DISTINCT** herbicide adjacent to sensitive crops, apply as an early post-emergent treatment to avoid potential drift.
6. Weeds treated with **DISTINCT** herbicide 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

**DISTINCT** herbicide alone controls the following weeds:

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

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

## Tank Mixes – Eastern Canada Only

**DISTINCT** herbicide in tank mix with Accent 75 DF will control the following weeds:

Redroot pigweed	Barnyard grass
Common ragweed	Fall panicum
Lamb's-quarters	Green foxtail
Wild buckwheat	Yellow foxtail (suppression)
Lady's-thumb	Old witchgrass
Velvetleaf	Quackgrass

**DISTINCT** herbicide in tank mix with Ultim 75% DF will control the following weeds:

Redroot pigweed	Barnyard grass
Common ragweed	Fall panicum
Lamb's-quarters	Green foxtail
Wild buckwheat	Yellow foxtail (suppression)
Lady's-thumb	Old witchgrass
Velvetleaf	Proso millet
Horsenettle	Quackgrass

**DISTINCT** herbicide in tank mix with Option 35DF or Option 2.25 OD Liquid Herbicide will control the following weeds:

Redroot pigweed	Barnyard grass
Common ragweed	Crabgrass, large
Lamb's-quarters	Fall panicum
Wild buckwheat	Foxtail, bristly
Lady's-thumb	Foxtail, green
Velvetleaf	Foxtail, yellow

Canada thistle (top growth)  
 Common chickweed  
 Mustard (wild)  
 Mustard (wormseed)  
 Eastern black nightshade

Proso millet  
 Quackgrass  
 Witchgrass

**APPLICATION DIRECTIONS - POST-EMERGENCE**

**WESTERN CANADA**

Herbicide	Rate/Hectare	Corn Stage	Broadleaf Weed Stage
<b>DISTINCT +</b> non-ionic surfactant* + liquid urea ammonium nitrate (UAN)**	285 g	2 - 6 leaf	Apply to active growth stage of seedling broadleaf weeds.***

\* Use at 0.25% v/v, i.e., 2.5 litres per 1000 L of spray solution.

\*\* Use at 1.25% v/v, i.e., 12.5 litres per 1000 L of spray solution.

\*\*\* Refer to the Weeds Controlled section of this label for specific weed staging information.

**EASTERN CANADA**

Herbicide	Rate/Hectare	Corn Stage	Broadleaf Weed Stage
<b>DISTINCT</b>	285 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.
<b>DISTINCT +</b> non-ionic surfactant* + liquid urea ammonium nitrate (UAN)**	285 g	2 - 6 leaf	Apply to active growth stage of seedling broadleaf weeds.***

\* Use at 0.25% v/v, i.e., 2.5 litres per 1000 L of spray solution.

\*\* Use at 1.25% v/v, i.e., 12.5 litres per 1000 L of spray solution.

\*\*\* Refer to the Weeds Controlled section of this label for specific weed staging information.

**TANK MIXES – EASTERN CANADA ONLY**

In Eastern Canada, **DISTINCT** herbicide can be used as a broadcast ground treatment alone or in tank mixes with Accent 75 DF, Ultim 75% DF, Option 35DF or Option 2.25 OD Liquid Herbicide for a wider spectrum of weed control. Refer to the table provided for the proper leaf staging of each of the recommended treatments.

Herbicide	Rate/Hectare	Corn Stage	Weed Stage	
			Broadleaf Weeds	Grasses
<b>DISTINCT</b> + Accent 75 DF + non-ionic surfactant* + liquid urea ammonium nitrate (UAN)**	285 g + 33.4 g (1 water-soluble bag)	2 - 8 leaf	Apply to active growth stage of seedling broadleaf weeds.***	Apply to annual grasses in the 1 to 6 leaf stage and to quackgrass in the 3 to 6 leaf stage (10 to 20 cm).
<b>DISTINCT</b> + Ultim 75% DF + non-ionic surfactant* + liquid urea ammonium nitrate (UAN)**	285 g + 33.7 g (1 water-soluble bag)	2 - 6 leaf	Apply to active growth stage of seedling broadleaf weeds.*** For the control of horsenettle, apply to horsenettle in the 2 to 6 leaf stage. Do not graze treated crops. Do not cut for hay.	Apply to annual grasses in the 1 to 6 leaf stage and to quackgrass in the 3 to 6 leaf stage (10 to 20 cm).
<b>DISTINCT</b> + Option 35DF + Hasten™ spray additive at 1.75 L/ha + liquid nitrogen fertilizer (28% UAN)**	285 g + 100 g	2 - 6 leaf	Apply to active growth stage of seedling broadleaf weeds.*** Consult the Option 35DF label for additional weed staging recommendations.	Consult the Option 35DF label for the recommended leaf stage of weeds at application.
<b>DISTINCT</b> + Option 2.25 OD Liquid Herbicide + liquid nitrogen fertilizer (28% UAN)**	285 g + 1.56 L	2 - 6 leaf	Apply to active growth stage of seedling broadleaf weeds.*** Consult the Option 2.25 OD Liquid Herbicide label for additional weed staging recommendations.	Consult the Option 2.25 OD Liquid Herbicide label for the recommended leaf stage of weeds at application.

\* Use at 0.25% v/v, i.e., 2.5 litres per 1000 L of spray solution.

\*\* Use at 1.25% v/v, i.e., 12.5 litres per 1000 L of spray solution.

\*\*\* Refer to the Weeds Controlled section of this label for specific weed staging information.

## MIXING INSTRUCTIONS AND ORDER

1. Fill sprayer ½ full with clean water and agitate.
2. Products in PVA bags (Accent 75 DF, Ultim 75% DF) or Option 35DF or Option 2.25 OD Liquid Herbicide: Add the correct amount of Accent 75 DF, Ultim 75% DF, Option 35DF or Option 2.25 OD Liquid Herbicide to the mixing tank and continue agitation. Wait until fully dissolved and product is evenly mixed.
3. Add the correct amount of **DISTINCT** herbicide to the spray tank and continue agitation until completely dissolved and product is fully dispersed.
4. For **DISTINCT** herbicide applied alone or in tank mix with Accent 75 DF or Ultim 75% DF, add the recommended amount of non-ionic surfactant followed by the recommended amount of UAN (28% N).

5. For **DISTINCT** herbicide applied in tank mix with Option 35DF, add the recommended amount of Hasten spray additive followed by the recommended amount of UAN (28% N).
6. For **DISTINCT** herbicide applied in tank mix with Option 2.25 OD Liquid Herbicide, add the recommended amount of UAN (28% N).
7. Continue agitation while adding the remaining amount of water.

## **SPRAY ADDITIVES**

### **For Post-Emergence Use ONLY**

For best adherence, **DISTINCT** herbicide 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 under most conditions. Spray grade ammonium sulfate may be substituted for liquid nitrogen fertilizer.

### **Compatibility Test**

To determine compatibility, mix all components of the finished spray in proportionate quantities in a small jar before mixing in the spray tank. If the herbicides do not ball-up or form flakes, sludge, jelly, oily films or layers, or other precipitates within 5 minutes after mixing, the tested spray-mix is compatible.

## **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.

## **CHEMFALLOW AND POST- HARVEST**

**DISTINCT** herbicide can be applied in fallow crop lands and as a post-harvest treatment for control of broadleaf weeds in Eastern and Western Canada.

It is recommended that **DISTINCT** herbicide be tank mixed with glyphosate for broad spectrum weed control including grasses. Refer to the weeds listed below for further directions.

## TREATMENT NOTES

Thoroughly clean all screens to prevent nozzle clogging. For applications to dense weed infestations and thick canopies, use higher water volume. Better coverage of the product results in enhanced control of weeds.

1. For Eastern Canada, apply **DISTINCT** herbicide in 100 - 200 litres of water/ha at a pressure of 150 - 275 kPa using ground equipment only. See Application Directions below for details.
2. For Western Canada, apply **DISTINCT** herbicide in 50 - 100 litres of water/ha at a pressure of 240 - 275 kPa using ground equipment only. For applications to dense weed infestations and thick canopies, use a higher water volume at pressures of 275 kPa. See Application Directions below for details.
3. Apply up to two applications per season not exceeding a maximum seasonal application rate of 285 g/ha.
4. Rainfall or irrigation should not occur within 4 hours after treatment.
5. When applying **DISTINCT** herbicide adjacent to sensitive crops, avoid potential drift.
6. Weeds treated with **DISTINCT** herbicide 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.

## 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.

## APPLICATION DIRECTIONS

For broad spectrum weed control, it is recommended that **DISTINCT** herbicide be tank mixed with glyphosate. Tank mixing **DISTINCT** herbicide with glyphosate will provide control of all weeds controlled by glyphosate in addition to the broadleaf weeds listed below. Consult the glyphosate label for a complete list of weeds controlled by glyphosate.

Tank mixing is a recognized strategy to delay herbicide resistance as well as improve the weed spectrum controlled.

Timing	Chemfallow and Post-Harvest
Rate	143 – 285 g/ha of <b>DISTINCT</b> herbicide + 1.25 – 2.5 L/ha of glyphosate <sup>1</sup> (360 g/L equivalent) + 0.5 L/ ha of MERGE Adjuvant <b>OR</b> 0.25% v/v of NIS + 1.25% v/v of UAN
Water Volume	50 – 200 L/ha <sup>2</sup>
Remarks	Apply to actively growing weeds. Better coverage of the product results in enhanced control of weeds. For application to larger weeds or dense weed infestations, use minimum water volume of 100 L per hectare.

<sup>1</sup> For Eastern Canada, use glyphosate @ 2.5 L/ha

<sup>2</sup> For Eastern Canada, use water volume @ 100 - 200 L/ha

<sup>2</sup> For Western Canada, use water volume @ 50 - 100 L/ha

## WEEDS CONTROLLED

**DISTINCT** herbicide applied as directed will control the following weeds. Refer to the glyphosate label for weeds controlled in addition to those controlled by **DISTINCT** herbicide.

**DISTINCT** herbicide at 143 g/ha in tank mix with glyphosate will control:

Kochia	Dandelion (top growth)
Lamb's-quarters	Redroot pigweed
Narrow-leaved hawk's-beard	Round-leaved mallow
	Spiny annual sow thistle
	Wild buckwheat

**DISTINCT** herbicide at 285 g/ha will control the following weeds:

Biennial wormwood <sup>1</sup>	Lamb's-quarters
Canada thistle (top growth)	Perennial sow thistle (suppression) <sup>3</sup>
Common cocklebur	Redroot pigweed
Common ragweed	Tall waterhemp
Dandelion (top growth)	Velvetleaf
Kochia (including glyphosate resistant) <sup>2</sup>	Volunteer canola <sup>4</sup>
Lady's-thumb	Wild buckwheat

<sup>1</sup> Apply at the 2-8 leaf stage of biennial wormwood.

<sup>2</sup> Apply at less than 15 cm.

<sup>3</sup> Apply at the 2-10 leaf stage of perennial sow thistle.

<sup>4</sup> Apply at the cotyledon to 4-leaf stage of volunteer canola.

## MIXING INSTRUCTIONS AND ORDER

1. When using **DISTINCT** herbicide, always start with a clean sprayer. Thoroughly clean the sprayer by flushing the system with water containing detergent. Refer to previously applied product labels for specific cleaning instructions.
2. Fill sprayer ½ full with clean water and agitate.
3. Add the correct amount of **DISTINCT** herbicide to the spray tank and continue agitation until completely dissolved and product is fully dispersed.
4. Add recommended amount of glyphosate.
5. Add the recommended amount of MERGE adjuvant.
6. For the non-ionic surfactant, add the recommended amount followed by UAN (28% N) to the tank last.
7. Continue agitation while adding the remaining amount of water.
8. If an oil film starts to build up in the tank, drain it and clean the tank with strong detergent solution.
9. Immediately after use, thoroughly clean the sprayer by flushing the system as described under Spray Equipment Cleaning.

Dispose of all rinsings in accordance with provincial regulations.

## RESISTANCE-MANAGEMENT RECOMMENDATIONS

For resistance management, please note that **DISTINCT** herbicide is a Group 4 and Group 19 herbicide. Any weed population may contain or develop plants naturally resistant to **DISTINCT** herbicide 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 **DISTINCT** herbicide 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.

## **SPRAY EQUIPMENT CLEANING**

**DISTINCT** herbicide alone or **DISTINCT** herbicide with other tank mixes.

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

## **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.

## **STORAGE**

1. Store **DISTINCT** herbicide in original container only.
2. Store **DISTINCT** herbicide in a cool, dry place.
3. Do not contaminate water, food or feed by storage.

## **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.

All other products listed are trademarks and registered trademarks of their respective companies.