



## ClearView™ Herbicide

GROUP	4	HERBICIDE
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GROUP	2	HERBICIDE
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ClearView Herbicide is a selective herbicide for post-emergent control of annual and perennial broadleaf weeds, invasive plants and shrubs on rangeland, permanent pasture, rights-of way, industrial and other non-crop areas of Canada.

COMMERCIAL

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

ACTIVE INGREDIENT: Aminopyralid, present as potassium salt 52.50%  
Metsulfuron – methyl 9.45%  
Warning, contains the allergen sulphites  
Wettable Granules

REGISTRATION NO. 29752 PEST CONTROL PRODUCTS ACT

CAUTION – EYE IRRITANT

NET CONTENTS: 0.1 kg - Bulk

**Dow AgroSciences Canada Inc.**  
2400, 215-2<sup>nd</sup> Street S.W.  
Calgary, Alberta  
T2P 1M4  
1-800-667-3852

## PRECAUTIONS

### KEEP OUT OF REACH OF CHILDREN

May irritate eyes. Avoid contact with eyes

## PERSONAL PROTECTIVE EQUIPMENT

**Applicators** must wear coveralls and chemical resistant gloves.

**Mixers and Loaders handling concentrated product**, as an extra precaution, should wear coveralls, chemical resistant gloves, goggles, and rubber boots.

**Restricted Entry Interval** - Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours following application on agricultural areas. For non-crop areas, do not enter or allow worker entry into treated areas until sprays have dried.

## SPRAY DRIFT PRECAUTIONS

Apply only when the potential for drift to areas of human habitation or areas of human activity such as houses, cottages, schools and recreational areas is minimal. Take into consideration wind speed, wind direction, temperature inversion, application equipment and sprayer settings.

## OPERATOR USE PRECAUTIONS

- Wash hands before eating, drinking, using tobacco or using the washroom.
- Avoid breathing spray mist.
- If herbicide penetrates clothing remove immediately; then wash thoroughly and put on clean clothing.
- Remove personal protective equipment immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing. Follow manufacturer's instructions for cleaning personal protective clothing and equipment. If no such instructions for washables are provided, use detergent and hot water. Keep and wash personal protective equipment separate from household laundry.

## FIRST AID

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

**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.

## TOXICOLOGICAL INFORMATION

No specific antidote. Employ supportive care. Treatment should be based on judgment of the physician in response to reactions of the patient.

## ENVIRONMENTAL HAZARDS

TOXIC to terrestrial and aquatic plants. Observe terrestrial and aquatic buffer zones specified under DIRECTIONS FOR USE. The use of this chemical may result in contamination of groundwater particularly in areas where soils are permeable (e.g., sandy soil) and/or the depth to the water table is shallow. 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. Avoid application when heavy rain is forecast, as runoff water may flow onto adjacent areas and injure crops and other desirable non-target vegetation.

## STORAGE

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

## DISPOSAL

### Recyclable containers:

Do not reuse this container for any purpose. This is a recyclable container, and is to be disposed of at a container collection site. Contact your local distributor/dealer or municipality for the location of the nearest collection site. Before taking the container to the collection site:

1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
2. Make the empty, rinsed container unsuitable for further use.

If there is no container collection site in your area, dispose of the container in accordance with provincial requirements.

### Returnable containers:

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

For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

## GENERAL INFORMATION

ClearView Herbicide, applied as a post emergent, controls annual and perennial broadleaf weeds, invasive plants and shrubs in rangeland, permanent pasture, industrial areas (including but not limited to rights-of-way and military bases) and other non-crop areas. Applications should be avoided under cold or dry conditions or other environmental stresses. **Read all precaution statements before using this product.** For more information contact your local Dow AgroSciences Canada Inc. representative (1-800-667-3852).

For best results, apply ClearView Herbicide to plants that are actively growing at time of application. Do not apply when temperatures exceed 28° C.

## GENERAL USE PRECAUTIONS

ClearView Herbicide is selective and highly active against annual and perennial broadleaf weeds, invasive plants and shrubs. This product is recommended for use on areas where loss of broadleaf forage plants, including legumes, can be tolerated. Injury to or loss of desirable plants may result unless the following precautions are observed. Do not apply or drain or flush equipment on or near desirable vegetation or on areas where their roots may extend or in locations where the chemical may be washed or moved into contact with their roots. Do not apply on walks, driveways, tennis courts or other similar areas.

- Do not apply more than 230 grams per hectare of ClearView Herbicide per annual growing season in rangeland, pasture, industrial, and other non-crop areas.
- Only one application per growing season is permitted.
- Areas treated for 24 months of control should be treated no more than every second year.
- Apply ClearView Herbicide with a recommended surfactant.
- ClearView Herbicide cannot be applied on domestic or commercial turf grass.
- Hay cut from treated grass, in the year of application, should only be used on-farm to feed livestock. The manure or compost from animals fed the treated hay should only be used on registered use sites where the loss of broadleaf forage plants, including legumes, can be tolerated. Contact Dow AgroSciences Canada Inc. for additional information on sensitive broadleaf plant species.

### **Sensitive Plants**

ClearView Herbicide works primarily through uptake by plant foliage and translocation throughout the plant. However, secondary herbicide activity may occur through soil uptake of the aminopyralid component of ClearView Herbicide. Very small amount of ClearView Herbicide can kill or damage sensitive broadleaf plants. Only spray pastures if injury to existing forage can be tolerated. Care should be taken to avoid spraying desirable broadleaved plants, during both growing and dormant periods.

Avoid application within the drip line (outermost edge of the tree canopy) of desirable coniferous and deciduous trees unless injury can be tolerated. Use special caution when using aminopyralid-based products around species with extensive lateral root systems, shallow rooting species and those that propagate vegetatively through layering.

Clippings or hay from vegetation which has been treated with aminopyralid should not be used for composting or mulching. Aminopyralid residues pass through animals unchanged and are still herbicidally active. The manure from animals grazing treated areas or fed treated hay should not be used around susceptible plants. Do not transfer livestock from treated grazing areas onto broadleaf crop areas without first allowing 3 days of grazing on untreated grass pasture.

### **Tank Mixtures**

In some cases, tank mixing a pest control product with another pest control product or a fertilizer can result in biological effects that could include, but are not limited to: reduced pest efficacy or increased host crop injury. The user should contact Dow AgroSciences Canada Inc. at 1-800-667-3852 or [www.dowagro.ca](http://www.dowagro.ca) for information before mixing any pesticide or fertilizer that is not specifically recommended on this label. The user assumes the risk of losses that result from the use of tank mixes that do not appear on this label or that are not specifically recommended by Dow AgroSciences Canada Inc.

### **DIRECTIONS FOR USE**

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

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.

### **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.

### **Aerial application**

**DO NOT** apply during periods of dead calm. Avoid application of this product when winds are gusty. **DO NOT** apply when wind speed is greater than 16 km/h at flying height at the site of application. **DO NOT** apply with spray droplets smaller than the American Society of Agricultural Engineers (ASAE) coarse classification. To reduce drift caused by turbulent wingtip vortices, the nozzle distribution along the spray boom length **MUST NOT** exceed 65% of the wing- or rotorspan.

**INDUSTRIAL AREAS (INCLUDING RIGHTS-OF-WAY), OTHER NON-CROP AREAS, RANGELAND AND PERMANENT PASTURE**

**CLEARVIEW HERBICIDE ALONE**

Apply ClearView Herbicide at a rate of 135 – 230 g/ha. Apply when targeted undesirable vegetation is actively growing. Only weeds and brush present at the time of application will be controlled. Removal of competing vegetation may result in new Canada thistle shoots emerging. Apply using aerial equipment with a minimum of 30 litres spray volume/ha or ground equipment with a minimum of 110 L spray volume/ha, that will assure uniform coverage. For better coverage use 50 litres/ha for aerial application and 200 litres/ha for ground application. Follow all instructions under Mixing Methods for surfactant requirements and order of mixing.

**APPLICATION RATES**

**CLEARVIEW HERBICIDE ALONE  
SEASON LONG CONTROL AND SUPPRESSION**

ClearView Herbicide Rate	Control of:		
135 g/ha	ball mustard bluebur bull thistle Canada fleabane Canada thistle chickweed clover common groundsel common ragweed common tansy corn spurry cow cockle dandelion field scabious flixweed	green smartweed hemp-nettle horse-nettle kochia* lady's-thumb musk or nodding thistle narrow-leaved hawk's beard oxeye daisy (pre-bud) perennial sow-thistle plumeless thistle prostrate pigweed Russian thistle	scentless chamomile shepherd's purse spotted knapweed stinkweed stork's bill sweetclover tall buttercup tartary buckwheat volunteer canola** western snowberry (buckbrush) wild mustard yellow star-thistle
	<b>Suppression of:</b>		
	Canada goldenrod lamb's quarters	wild buckwheat	
170 g/ha	<b>Plants Listed Above Plus Control of:</b>		
	cudweed curly dock fireweed hoary alyssum perennial pepperweed Prairie wild rose	pussy toes scotch thistle volunteer alfalfa western ragweed wild carrot wild strawberry	
	<b>Suppression of:</b>		
absinth wormwood			
200 g/ha	<b>Plants Listed Above Plus Control of:</b>		
	babys breath black henbane cleavers	wild caraway wild parsnip rush skeletonweed	

230 g/ha	<b>Plants Listed Above Plus Control of:</b>	
	absinth wormwood brown knapweed diffuse knapweed*** hound's tongue Japanese knotweed mullein	orange hawkweed**** prickly lettuce purple loosestrife whitetop (hoary cress) yellow hawkweed****
	<b>Suppression of:</b>	
	yarrow	

\*Non ALS resistant biotypes

\*\*All varieties except ALS resistant canola \*\*\*Apply ClearView at 230 g/ha when plants are actively growing with the optimum time of application occurring from rosette to the bolting stages of development or in the fall. Plants will be controlled by mid-summer and fall application even though plants may not show any changes in form or stature the year of application.

\*\*\*\*Apply ClearView at 230 g/ha to plants in the bolting stage of development.

#### CLEARVIEW HERBICIDE ALONE 12 MONTH CONTROL OR SUPPRESSION

ClearView Herbicide Rate	Controlled up to 12 Months	Suppression up to 12 Months
135 g/ha	scentless chamomile	Canada thistle dandelion
170 g/ha	<b>Plants listed above plus:</b>  Canada thistle* dandelion wild strawberry	pasture sage (fringed sage) prairie sage prairie wild rose western snowberry (buckbrush),
200 g/ha	<b>Plants listed above plus:</b>  prairie wild rose	
230 g/ha	orange hawkweed**, pasture sage (fringed sage)	silverberry

\*Removal of competing vegetation may result in new Canada thistle shoots emerging.

\*\*Apply ClearView Herbicide at 230 g/ha to plants in the bolting stage of development.

#### CLEARVIEW HERBICIDE ALONE 24 MONTH CONTROL OR SUPPRESSION

ClearView Herbicide Rate	Controlled up to 24 Months	Suppression up to 24 Months
170 g/ha	wild strawberry	Canada thistle* dandelion pasture sage (fringed sage) prairie wild rose
200 g/ha	<b>Plants listed above:</b>	western snowberry (buckbrush)
230 g/ha	<b>Plants listed above plus:</b>  Canada thistle dandelion pasture sage (fringed sage) prairie wild rose	

\*Removal of competing vegetation may result in new Canada thistle shoots emerging.

**Preharvest/Grazing Intervals**

- There is no restriction on livestock or lactating dairy animals grazing in treated areas.
- Allow 3 days of grazing on an untreated pasture (or feed untreated hay) before transferring livestock to areas where sensitive broadleaf crops may be grown.

**TANK-MIX COMBINATIONS WITH CLEARVIEW HERBICIDE**

ClearView Herbicide can be tank mixed with 2,4-D Amine Herbicide to broaden the spectrum of weeds controlled. When a tank mixture is used, follow the most stringent precautions, directions for use, and limitations on the labels of the tank-mix products. Follow all instructions under Mixing Methods for surfactant requirements and mixing order.

**CLEARVIEW HERBICIDE + 2,4-D AMINE HERBICIDE**  
**SEASON LONG CONTROL**

<b>ClearView Herbicide Rate</b>	<b>2,4-D Amine Herbicide Rate</b>	<b>Broadleaf Weeds controlled</b>	
135 g/ha	840-1440 g ae/ha  (equivalent to 1.5 L/ha of 2,4-D Amine 600)	absinth wormwood	gumweed (top growth)
		annual sowthistle	hawkweed
		blue lettuce (top growth)	hoary cress (top growth)
		burdock < 4 leaf	lamb's-quarters
		Canada goldenrod	pasture sage (fringed sage)
		Cocklebur	prickly lettuce
		common plantain	stinging nettle
		goat's beard	wild buckwheat
		<b>Shrubs</b>	
		silverberry (wolf willow)	
		<b>Plus all the weeds on the 2,4-D Amine label at 840-1440 g ae/ha (equivalent to 1.5 - 2.6 L/ha of 2,4-D Amine 600)</b>	
170 g/ha	840-1440 g ae/ha  (equivalent to 1.5 -2.6 L/ha of 2,4-D Amine 600)	<b>Broadleaf weeds controlled</b>	
		<b>Plants listed above plus</b>	
		prairie sage	
		<b>Shrubs</b>	
		shrubby cinquefoil	
		<b>Plus all the weeds on the 2,4-D Amine label at 840-1440 g ae/ha (equivalent to 1.5 - 2.6 L/ha of 2,4-D Amine 600)</b>	

**CLEARVIEW HERBICIDE + 2,4-D AMINE HERBICIDE**  
**12 MONTH CONTROL**

<b>ClearView Herbicide Rate</b>	<b>2,4-D Amine Herbicide Rate</b>	<b>Broadleaf Weeds controlled:</b>
135 g/ha	1.1 kg ae/ha  (equivalent to 2.0 L/ha of 2,4-D Amine 600)	Canada thistle* dandelion wild strawberry

170 g/ha	1.1 kg ae/ha  (equivalent to 2.0 L/ha of 2,4- D Amine 600)	<b>Plants listed above plus:</b>
		prairie wild rose shrubby cinquefoil western snowberry (buckbrush)  <b>Weeds suppressed at this rate:</b> pasture sage
200 g/ha	1.1 kg ae/ha  (equivalent to 2.0 L/ha of 2,4- D Amine 600)	<b>Plants listed above plus:</b>
		pasture sage (fringed sage) prairie sage silverberry (wolf willow)

\*Removal of competing vegetation may result in new Canada thistle shoots emerging.

**CLEARVIEW HERBICIDE + 2,4-D AMINE HERBICIDE**  
**24 MONTH CONTROL**

<b>ClearView Herbicide Rate</b>	<b>2,4-D Amine Herbicide Rate</b>	<b>Broadleaf Weeds controlled:</b>
135 g/ha	1.1 kg ae/ha  (equivalent to 2.0 L/ha of 2,4- D Amine 600)	dandelion wild strawberry
170 g/ha	1.1 kg ae/ha  (equivalent to 2.0 L/ha of 2,4- D Amine 600)	<b>Plants listed above plus:</b>
		pasture sage (fringed sage)  <b>Weeds suppressed at this rate:</b> Canada thistle prairie wild rose
200 g/ha	1.1 kg ae/ha  (equivalent to 2.0 L/ha of 2,4- D Amine 600)	<b>Plants listed above plus:</b>
		Canada thistle* prairie wild rose silverberry (wolf willow) western snowberry (buckbrush)
230 g/ha	1.1 kg ae/ha  (equivalent to 2.0 L/ha of 2,4- D Amine 600)	<b>Plants listed above plus:</b>
		prairie sage shrubby cinquefoil

\*Removal of competing vegetation may result in new Canada thistle shoots emerging.

**Preharvest/Grazing Intervals for ClearView Herbicide tank mixed with 2,4-D Amine 600.**

- There is no restriction on livestock (except lactating dairy animals) grazing in treated areas
- 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.
- Allow 3 days of grazing on an untreated pasture (or feed untreated hay) before transferring livestock to areas where sensitive broadleaf crops may be grown.



### **TANK-MIX COMBINATION WITH CLEARVIEW HERBICIDE – Non-cropland Uses**

ClearView Herbicide can be tank mixed with glyphosate (present as isopropylamine salt, diammonium salt, trimethylsulfonium salt, potassium salt or dimethylamine salt, registered for use on non-cropland areas) Arsenal Herbicide, or Garlon XRT Herbicide to broaden the spectrum of weeds, woody plants and trees controlled on rights-of-way, industrial areas (including but not limited to right-of-way and military bases) and other non-crop areas (where bare ground is desirable). The glyphosate and Arsenal Herbicide tank mixes will provide control of most grass and broadleaf species, while the Garlon XRT Herbicide tank-mix will provide control of a broad spectrum of broadleaf weeds, woody plants and tree species. When a tank mixture is used, follow the most stringent precautions, directions for use, and limitations on the labels of the tank-mix products.

#### **Tank-Mix Combination – ClearView Herbicide plus Glyphosate Herbicide**

Use 135 – 230 g/ha ClearView Herbicide tank mixed with 0.8 – 4.3 kg ai/ha glyphosate herbicide (Equivalent to 1.69 – 9.0 L/ha of Vantage™ XRT Herbicide). A surfactant is required. Follow mixing instructions.

#### **Tank-Mix Combination - ClearView Herbicide plus Arsenal Herbicide**

Apply 3.0 L of Arsenal Herbicide per hectare tank mixed with 135 – 230 g/ha of ClearView Herbicide.

#### **Tank-Mix Combination - ClearView Herbicide plus Garlon XRT Herbicide**

Use 135 – 230 g/ha of ClearView Herbicide tank-mixed with 2.5 – 5 L/ha of Garlon XRT Herbicide. Use a recommended surfactant (such as Gateway™ Adjuvant, Xiameter OFX-0309 Fluid, or recommended non-ionic surfactant such as Ag-Surf, Agral 90, or Citowett Plus) at the rate of 0.375% by volume (375 mL per 100 L of water). See surfactant label for a full list of recommended rates. Some surfactants require rates ranging from 0.2 to 1%. See Garlon XRT Herbicide label for the full list of woody plants and trees controlled.

For the control of black spruce, use 230 g of ClearView Herbicide tank-mixed with 4-5 L of Garlon XRT, in 1,000 L/ha for hose and handgun applications and a minimum of 200 L/ha for broadcast applications, along with a recommended surfactant (such as Gateway Adjuvant, Xiameter OFX-0309 Fluid, or recommended non-ionic surfactant such as Ag-Surf, Agral 90, or Citowett Plus) at the rate of 0.375% by volume (375 mL per 100 L of water). See surfactant label for a full list of recommended rates. Some surfactants require rates ranging from 0.2 to 1%.

### **MIXING METHODS**

#### **Mixing with Water**

1. Fill the spray tank 3/4 full of clean water
2. Add the required amount of ClearView Herbicide with the agitation running. Pre-slurrying with water may be necessary where there is little or no agitation or an injection system is being used or where herbicide is first added to a tank other than the spray tank.
3. If tank mixing, add the required amount of the tank-mix partner with the agitation running.
4. Add the recommended surfactant.
5. Add antifoaming agent, if required.

### **APPLICATION METHODS**

#### **INVASIVE PLANT MANAGEMENT**

##### **Invasive Plant Management Practices**

ClearView Herbicide can be applied postemergence as a broadcast spray or as a spot/strip application to control invasive plants. Post emergence applications should be made before bud stage or early flowering, unless otherwise specified. Best results are obtained when the spray volume is sufficient to provide uniform coverage of treated plants. For optimum uptake and translocation of the herbicide, avoid mowing, haying, shredding or disturbing treated areas for at least 7 days following application.

ClearView Herbicide can be an important component of integrated vegetation management programs designed to restore desired plant communities. To maximize and extend the benefits of weed control provided by the ClearView Herbicide, it is important that other vegetation management practices, including proper grazing management, fertilization, prescribed fire, mechanical mowing, hand-pulling, bio control and other methods, be used in appropriate sequences and combinations to further alleviate the adverse effects of invasive plants on desirable plant species and to promote development of desired plant communities. Consult local agriculture and land management resource specialists and/or invasive plant councils. These organizations can provide guidance on best management practices and the development of integrated vegetation management programs. Rapid response to the early detection of new invasive plants is a key invasive plant management strategy. Containment, eradication and control are essential for the management of spreading and established invasive plants.

**Rangeland and Pasture Areas**

Make only one application per year for control of invasive plants. For best results, invasive plants should be treated when they are actively growing and under conditions favourable for growth. The Reclaim Herbicide tank-mix also provides preemergence control of germinating seeds and control of emerged seedlings of susceptible plants following application.

To reduce the spread of invasive plants, it is important to treat identified invasive plants in the target area while observing required buffer zones for broadcast applications. Return when the wind is blowing from the opposite direction to complete spraying the targeted plant population.

**Individual Plant or Spot/Strip Applications**

An important component of Invasive Plant Management programs is early detection and eradication. The instructions for individual plant or spot or strip applications can be used to stop the spread of invasive plants. This is particularly important in riparian areas, where spot application is preferable to broadcast treatment. Use the following mixing chart to mix ClearView with enough water and surfactant to make the correct amount of spray solution. Use equipment designed for individual plant or spot/strip applications, such as a backpack sprayer or hose and handgun, to spray susceptible invasive plants. Note that use of the following spray methods or equipment DO NOT require a buffer zone: hand-held or backpack sprayer and spot treatment. Thoroughly and uniformly wet the foliage of all target plants but not to the point of runoff. Direct spray away from aquatic habitats and non-target terrestrial plants. DO NOT apply this product directly to fresh water habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs and wetlands), estuaries or marine habitats.

**Mixing Chart**

ClearView Herbicide	Surfactant*	Spray Solution (water and herbicide)
1.35 – 2.3 grams	20 mL	10 litres
13.5 – 23 grams	200 mL	100 litres
135 -230 grams	2000 mL	1000 litres

\*Recommended surfactant such as Gateway Adjuvant, Ag-Surf, Agral 90 or Citowett Plus

Use the higher rate in the rate range when growing conditions are less than favourable or when the plant foliage is tall and dense.

**Aerial Application**

Use ClearView Herbicide alone, or tank mixed with 2,4-D amine herbicide, glyphosate herbicide or Garlon XRT Herbicide, as a broadcast treatment by air to control listed broadleaf weeds and woody plants. Apply ClearView Herbicide at the recommended rates in a minimum spray volume of 30 L/ha by air. For better coverage use 50 litres/ha. Follow all instructions under Mixing Methods for surfactant requirements and order of mixing. Refer to the tank-mix partner label for additional instructions, directions for aerial application and precautions.

Consult the labels of the tank-mix partners and observe the largest (most restrictive) buffer zone of the products involved in the tank mixture.

Apply only by fixed-wing or rotary aircraft equipment which has been functionally and operationally calibrated for the atmospheric conditions of the area and the application rates and conditions of this label.

Label rates, conditions and precautions are product specific. Read and understand the entire label before opening this product. Apply only at the rate recommended for aerial application on this label. Where no rate for aerial application appears for the specific use, this product cannot be applied by any type of aerial equipment.

Ensure uniform application. To avoid streaked, uneven or overlapped application, use appropriate swath marking devices.

Apply only when meteorological conditions at the treatment site allow for complete and even crop coverage. Apply only under conditions of good practice specific to aerial application as outlined in the *National Aerial Pesticide Application Manual*, developed by the Federal/Provincial/Territorial Committee on Pest Management and Pesticides.

### **Operator Precautions**

Do not allow the pilot to mix chemicals to be loaded onto the aircraft. Loading of premixed chemicals with a closed system is permitted.

It is desirable that the pilot have communication capabilities at each treatment site at the time of application.

The mixer/loaders must wear chemical resistant gloves, coveralls and goggles or face shield during mixing/loading, cleanup and repair. Follow the more stringent label precautions in cases where the operator precautions exceed the generic label recommendations on the existing ground boom label.

All personnel on the job site must wash hands and face thoroughly before eating and drinking. Protective clothing should be laundered regularly.

### **Product Specific Precautions**

Read and understand the entire label before opening this product. If you have questions, call the manufacturer at 1-800-667-3852 or obtain technical advice from the distributor or your provincial agricultural representative. Application of this specific product must meet and/or conform to the following:

Avoid spray drift at the application site. The interaction of many equipment-and-weather-related factors determine the potential for spray drift. Users are responsible for considering all these factors when making decisions.

The following drift management requirements must be followed to avoid off-target drift movement from aerial applications:

1. The distance of the outer most operating nozzles on the boom must not exceed 75% of the length of the wingspan or rotor.
2. Nozzles must always point backward parallel with the air stream and never be pointed downwards more than 45 degrees.

### **Sprayer Clean-Out Instructions**

To avoid injury to desirable plants, thoroughly clean equipment used to apply this product before re-use or using it to apply other chemicals.

1. Immediately after spraying, completely drain the sprayer tank. Any contamination on the outside of the spraying equipment should be removed by washing with clean water.
2. First rinse:
  - Spray the inside of tank with clean water and fill the sprayer with at least one tenth of the spray tank volume.
  - Agitate and circulate for 15 minutes, and flush through booms and hoses.
  - Remove end caps or open ball valves on the ends of each boom section, and flush solution through the boom ends to ensure there is no spray solution trapped between the boom end and the nozzles.
  - Drain tank completely.
3. Second rinse:
  - Fill the tank with clean water.
  - Add All Clear Spray Tank Decontaminator, or Clean-Out Spray Tank Cleaner, or 1 L of household ammonia (containing a minimum of 3 % ammonia) per 100 L of water, or similar tank cleaning agent as per manufacturer's recommendations while filling the tank with clean water.
  - Agitate and then flush the boom and hoses with the cleaning solution. Top up with water making sure the tank is completely full. Allow to stand for 15 minutes with agitation. Flush the solution out of the spray tank through the spray booms. Remove end caps or open ball valves on the ends of each boom section, and flush solution through the boom ends to ensure there is no spray solution trapped between the boom end and the nozzles.
  - If possible, let the solution stand in the sprayer tank and booms for an extended period of time, overnight if possible.
  - After flushing the boom and hoses, drain tank completely.
  - Remove nozzles and screens and clean separately with a cleaning agent or an ammonia solution (100 mL in 10 L water).
4. Third rinse:
  - Rinse the tank with clean water and flush through the boom and hoses using at least one tenth of the spray tank volume.
  - Remove end caps or open ball valves on the ends of each boom section, and flush solution through the boom ends to ensure there is no spray solution trapped between the boom end and the nozzles.
  - Drain tank completely.

**Do not** use ammonia with chlorine bleach. Using ammonia with chlorine bleach will release a gas with a musty odour which may cause eye, nose, throat and lung irritation. Do not clean equipment in an enclosed area.

### **Buffer zones**

Use of the following spray methods or equipment **DO NOT** require a buffer zone: hand-held or backpack sprayer and spot treatment.

For application to rights-of-way, buffer zones for protection of sensitive terrestrial habitats are not required; however, the best available application strategies which minimize off-site drift, including meteorological conditions (e.g., wind direction, low wind speed) and spray equipment (e.g., coarse droplet sizes, minimizing height above canopy), should be used. Applicators must, however, observe the specified buffer zones for protection of sensitive aquatic habitats.

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 Zones (metres) Required for the Protection of:	
			Freshwater Habitat	Terrestrial habitat*
Field sprayer	Permanent pasture, rangeland, industrial and other non-crop areas		10	15
Aerial	Permanent pasture, rangeland, industrial and other non-crop areas	Fixed wing (coarse)	175	750
		Rotary wing (coarse)	150	650
		Fixed wing (coarse to very coarse)	125	475
		Rotary wing (coarse to very coarse)	100	325
		Fixed wing (very coarse)	100	375
		Rotary wing (very coarse)	90	225
		Fixed wing (very coarse to extremely coarse)	80	250
		Rotary wing (very coarse to extremely coarse)	70	175

\*Buffer zones for the protection of terrestrial habitats are not required for use on rights-of-way including railroad ballast, rail and hydro rights-of-way, utility easements, roads, and training grounds and firing ranges on military bases.

For tank mixes, consult the labels of the tank-mix partners and observe the largest (most restrictive) buffer zone of the products involved in the tank mixture and apply using the coarsest spray (ASAE) category indicated on the labels for those tank mix partners.

NOTE: The spray drift buffer zones for this product can be modified based on weather conditions and spray equipment configuration by accessing the Buffer Zone Calculator on the Pest Management Regulatory Agency web site.

## RESISTANCE MANAGEMENT RECOMMENDATIONS

For resistance management, ClearView Herbicide is a Group 2 and Group 4 herbicide. Any weed population may contain or develop plants naturally resistant to ClearView Herbicide and other Group 2 and Group 4 herbicides. The resistant biotypes may dominate the weed population if these herbicides are used repeatedly in the same field. Other resistance mechanisms that are not linked to site of action, but specific for individual chemicals, such as enhanced metabolism, may also exist. Appropriate resistance-management strategies should be followed.

To delay herbicide resistance:

- Where possible, rotate the use of ClearView Herbicide or other Group 2 and Group 4 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 Dow AgroSciences Canada Inc. at 1-800-667-3852 or at [www.dowagro.ca](http://www.dowagro.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. The user assumes the risk to persons or property that arises from any such use of this product.

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Specimen Label Notes  
Branding Update