

2024-02-27
2023-0925
(Container)



Korrex™ B Herbicide

GROUP	4	HERBICIDE
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Korrex™ B Herbicide controls broadleaf weeds in reduced tillage, prior to seeding cereals and reduced tillage fallow and crop-free land (summer fallow and stubble).

COMMERCIAL

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

ACTIVE INGREDIENT: Dicamba, present as the dimethylamine salt.....480 g /L
Solution

REGISTRATION NO. 31205 PEST CONTROL PRODUCTS ACT



POISON

WARNING – EYE IRRITANT

NET CONTENTS: 1L - Bulk

Corteva Agriscience Canada Company
Suite 240, 115 Quarry Park Rd. SE
Calgary, AB
T2C 5G9
1-800-667-3852

™Trademark of Corteva Agriscience and its affiliated companies.

PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN.

Harmful if swallowed or absorbed through the skin. Avoid contact with skin, eyes and clothing. Thaw if frozen. Shake before use.

Applicators must wear a long-sleeved shirt, long pants and chemical-resistant gloves.

DO NOT enter treated fields until 12 hours after application.

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

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.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

TOXICOLOGICAL INFORMATION

Dicamba may cause severe 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.

ENVIRONMENTAL PRECAUTIONS

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

To reduce runoff from treated areas to 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.

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.

STORAGE

Store this product away from food and feed. Store Korrex B Herbicide in its original container only, away from other pesticides and fertilizer. Keep the container closed to prevent spills and contamination. Keep packages dry at all times.

GENERAL PRECAUTIONS

- Korrex B Herbicide should not be applied on or near desirable trees or plants.
- Apply Korrex B Herbicide when air temperature is between 10 - 25°C. Do not apply when there is a risk of severe fall in night temperature after use.
- Do not contaminate domestic or irrigation water. Thoroughly clean application equipment.

- Do not treat areas where movement of the chemical into the soil or surface washing may bring Korrex B Herbicide into contact with roots of desirable plants.
- Do not use additives such as oil, wetting agents, emulsifiers, detergents, spreaders, sticking agents or dispersing agents with Korrex B Herbicide on crops.
- For information on feeding and grazing of beef and dairy cattle on treated vegetation and for recommendations on treatment/harvest intervals, refer to specific grazing restrictions in Directions for Use sections in the booklet label.
- Ensure that spray equipment used to apply Korrex B Herbicide is properly cleaned before reusing to apply any other chemicals. See section on suggested procedure for cleaning spray equipment in attached booklet.

READ THE LABEL BOOKLET FOR COMPLETE USE DIRECTIONS

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/territorial requirements.

Refillable Containers

For disposal, this 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.

Disposal of unused, unwanted product

For information on disposal of unused, unwanted product, contact the manufacturer or the provincial/territorial regulatory agency. Contact the manufacturer and the provincial/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.

(Booklet)



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- Do not treat areas where movement of the chemical into the soil or surface washing may bring Korrex B Herbicide into contact with roots of desirable plants.
- Do not use additives such as oil, wetting agents, emulsifiers, detergents, spreaders, sticking agents or dispersing agents with Korrex B Herbicide on crops.
- For information on feeding and grazing of beef and dairy cattle on treated vegetation and for recommendations on treatment/harvest intervals, refer to specific grazing restrictions in Directions for Use sections in the booklet label.
- Ensure that spray equipment used to apply Korrex B Herbicide is properly cleaned before reusing to apply any other chemicals. See section on suggested procedure for cleaning spray equipment.

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.

TANK MIXTURES

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 Corteva Agriscience Canada Company at 1-800-667-3852 or www.corteva.ca for information before applying any tank mix that is not specifically recommended on this label.

SPRAY DRIFT PRECAUTIONS

Korrex B Herbicide may cause injury to desirable trees and plants, particularly soybeans, flowers, fruit trees, grapes, ornamentals, peas, potatoes, tomatoes, tobacco and other broadleaf plants especially in their developmental and growing stage.

Follow these precautions when spraying in the vicinity of sensitive crops:

1. Avoid spraying when winds are gusty or in excess of 8 km/h and moving towards sensitive crops. Leave an adequate spray buffer zone between areas to be treated and sensitive plants.
2. Use coarse sprays since they are less likely to drift than fine sprays. Select nozzles which minimize amounts of the fine spray particles. Keep the spray pressure below 150 kPa and the spray volume above 220 L/ha unless otherwise required by the nozzle manufacturer.
3. Do not spray when the temperature is expected to exceed 30°C.
4. Avoid spraying under conditions of high humidity or fog.

SPRAY DRIFT MANAGEMENT

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 S572.1) coarse classification. Boom height must be 60 cm or less above the crop or ground.

DO NOT APPLY BY AIR.

Ground Application

Apply Korrex B Herbicide or Korrex B Herbicide tank-mixes in at least 110 litres of water/ha.

Applicators must wear a long-sleeved shirt, long pants, and chemical-resistant gloves.

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:

1. Do not spray when wind velocities are greater than 15 km/hour.
2. Do not use nozzle pressure above 200 kPa.
3. Do not spray when the wind is blowing towards a nearby sensitive crop, garden, or shelterbelt.

Weeds Controlled	Korrex B Herbicide Rate	Tank-Mix
buckwheat, Tartary, buckwheat, wild cockle, cow cleavers, (higher rate only) lady's thumb sow-thistle, perennial(top growth only) smartweed, green spurry, corn thistle, Canada, (top growth only)	Korrex B Herbicide alone at 230-290 mL/ha	none

KORREX B HERBICIDE / LIQUID NITROGEN

Pre-emergent applications of Korrex B Herbicide are generally compatible with most liquid nitrogen fertilizers. 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.

Weeds Controlled	Korrex B Herbicide Rate	Tank-Mix
bindweed, field** buckwheat, Tartary buckwheat, wild cleavers cockle, cow lady's-thumb lamb's-quarters* mustard, hare's-ear mustard, Indian mustard, tumble mustard, wild mustard, wormseed pigweed, redroot* pigweed, Russian ragweed, common* ragweed, false ragweed, giant sow-thistle, perennial** spurry, corn smartweed, green thistle, Canada** velvetleaf	Korrex B Herbicide alone at 600 mL - 1.25 L/ha	none

*Including atrazine-resistant species.

**Apply Korrex B Herbicide annually for three years at the flowering stage of bindweed and the budding stage of thistles.

WEED CONTROL IN REDUCED TILLAGE (PRIOR TO SEEDING CEREALS)

Treatment notes

1. Korrex B Herbicide + glyphosate[†] applications may be applied to emerged annual grass and annual broadleaf weeds in reduced tillage systems prior to seeding of wheat, barley, rye and oats.
2. Planting should follow soon after application since this tank-mix does not provide residual weed control.
3. Delayed planting following chemical application will allow weeds to emerge between application and crop emergence.
4. Certain broadleaf crops such as sweet corn, lentils, peas, canola and flax can be injured by a pre-seeding application of this tank-mix and should not be planted after the use of this tank-mix.
5. Under certain stress conditions, such as drought, cool temperatures where extremely hard (>700ppm CA+ Mg) water will be used, use 50 L/ha of water with this tank-mix to help improve results.

Weeds Controlled	Korrex B Herbicide Rate	Rate of glyphosate [†]
Annual grasses (Apply any time between emergence and heading) brome, downy cereals, volunteer darnel, Persian foxtail, green oats, wild	Korrex B Herbicide at 315 mL/ha +	For an application rate of 333 g ai/ha apply: 620 mL/ha (540 g ae/L) 665 mL/ha (500 g ae/L) 695 mL/ha (480 g ae/L) 740 mL/ha (450 g ae/L) 925 mL/ha (360 g ae/L) + 0.5 L of a non-ionic surfactant Use water volume of 100 L/ha
Annual broadleaves (Apply up to 15 cm height) buckwheat, wild* canola, volunteer cockle, cow flixweed** kochia lady's-thumb lamb's-quarters mustard, wild pigweed, redroot smartweed stinkweed** thistle, Russian	Korrex B Herbicide at 315 mL/ha +	
Perennials (Apply before initiation of seed head or browning of lower leaves) barley, foxtail (suppression only)	Korrex B Herbicide at 315 mL/ha +	

*Apply to the 1 to 4-leaf stage.

**For optimal control of winter annual broadleaf weeds such as flixweed and stinkweed, 2,4-D should be applied to emerged, actively growing weeds in the fall the year prior to the Korrex B Herbicide + glyphosate spring pre-seeding tank-mix.

Refer to the 2,4- D product label for appropriate rates.

[†]The product application rate is dependent upon the guarantee of the product. *Only use glyphosate products registered for reduced or minimum tillage systems.*

WEED CONTROL IN REDUCED TILLAGE FALLOW

Treatment notes

1. Apply Korrex B Herbicide tank-mixes in the spring to fallow land when seedling weeds have emerged, and are actively growing at the 2 to 4-leaf stage.
2. Reduced control may occur if applications are made at an advanced stage of weed development.

Applicators must wear a long-sleeved shirt, long pants, and chemical-resistant gloves.

RE-ENTRY INTERVAL: DO NOT enter treated field until 12 hours after application.

DO NOT APPLY BY AIR.

Weeds Controlled	Korrex B Herbicide Rate	Tank-Mix
barley, foxtail** buckwheat, wild** cereals, volunteer cockle, cow flixweed* foxtail, green kochia lady's-thumb lamb's-quarters mustard, wild oats, wild pigweed, redroot** canola, volunteer stinkweed thistle, Russian	290 mL/ha +	<p>For an application rate of 267- 356 g ai/ha glyphosate† apply:</p> <p>495 mL - 660 mL/ha (540 g ae/L)</p> <p>535 mL - 712 mL/ha (500 g ae/L)</p> <p>555 mL - 743 mL/ha (480 g ae/L)</p> <p>600 mL - 790 mL/ha (450 g ae/L)</p> <p>740 mL - 990 mL/ha (360 g ae/L)</p> <p style="text-align: center;">+</p> <p>350 mL of non-ionic surfactant</p>
buckwheat, wild	600 mL/ha +	Use water volumes of 50 to 100 L/ha

*For control of flixweed use the higher rate of glyphosate

** Suppression only.

†The product application rate is dependent upon the guarantee of the product. *Only use glyphosate products registered for reduced tillage systems.*

Korrex B Herbicide/glyphosate application notes

1. These tank-mixes should be applied to emerged actively growing annual weeds from 8-15 cm in height.
2. Use the higher rate of glyphosate when weeds are at a more advanced stage of growth.
3. For perennial weed control, refer to the appropriate section of this label for proper stages of growth and recommended stages of application.
4. Reduced control may occur if muddy water is used, such as water from dug-outs, ponds and unlined ditches.

PERENNIAL WEED CONTROL IN SUMMERFALLOW AND STUBBLE

Treatment notes

1. Apply Korrex B Herbicide in 110-220 litres of water/ha.
2. For the most effective control of Canada thistle, follow a long-term approach that includes in- crop, post-harvest, and summer fallow treatments, in conjunction with tillage operations.
3. If application is made after September 1st, or if soil moisture levels are extremely low after application, crop injury may occur in the spring following application.

Applicators must wear a long-sleeved shirt, long pants, and chemical-resistant gloves.

RE-ENTRY INTERVAL: DO NOT enter treated field until 12 hours after application.

DO NOT APPLY BY AIR

Weeds Controlled	Rate	Recropping in year following
bindweed, field daisy, English dock, curled (top growth) goldenrod ragwort, tansy sow thistle, perennial thistle, Canada	Korrex B Herbicide alone at 2.5 L/ha	cereals soybeans field corn white beans sweet corn
thistle, Canada sow-thistle, perennial	Korrex B Herbicide at 1.25 L/ha + glyphosate† at 605 g ai/ha + 350 mL of a non-ionic surfactant per 100 L of water	All of the above plus canola

†The product application rate is dependent upon the guarantee of the product. *Only use glyphosate products registered for summerfallow and stubble.*

Application Directions

Summer fallow treatment notes

1. Cultivate in the spring and apply Korrex B Herbicide when:

Weed	Weed Stage
thistles	the majority of thistles are up and before the early bud stage (15-25 cm tall)
field bindweed	in the flowering stage
other weeds	in the early bud stage of growth

2. Cultivate three weeks after application.

Stubble treatment notes

1. Apply to regrowth after harvest and at least 2 weeks prior to a killing frost.

Perennial rosette control in summerfallow

Treatment notes

1. For the most effective control of Canada thistle, follow a long-term approach that includes in-crop, post-harvest, and summerfallow treatments, in conjunction with tillage operations.
2. Commence early spring cultivation and continue as required throughout the summer. Note: The final cultivation must occur by the end of July between July 15 - August 1 and the final cultivation should cut the thistle off 5 to 7.5 cm below the soil surface.
3. Spray in 110-220 L of water/ha when the majority of thistles have emerged as low growing rosettes 15 to 25 cm across.
4. Apply at least two weeks prior to a killing frost.
5. Cultivate three weeks after application.

DO NOT APPLY BY AIR.

Weeds Controlled	Rate	Recropping in year following
thistle, Canada	1.25 L/ha	cereals field corn white beans canola soybeans

SPRAY BUFFER ZONES

A spray buffer zone is NOT required for:

- uses with hand-held application equipment permitted on this label,
- low-clearance hooded or shielded sprayers that prevent spray contact with crop, fruit or foliage,
- soil drench or soil incorporation.

The spray buffer zones specified in the tables 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	Spray Buffer zones (metres) Required for the Protection of:				
		Freshwater habitats of depths:		Estuarine/marine habitats of depths:		Terrestrial habitat
		Less than 1 m	Greater than 1 m	Less than 1 m	Greater than 1 m	
Field sprayer	Barley, oats, rye, wheat, (cereals)	0	0	0	0	1
	Stubble fields, fallow land	1	1	0	0	5

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

The spray buffer zones for this product can be modified based on weather conditions and spray equipment configuration by accessing the Spray Buffer Zone Calculator on the Pesticides portion of the Canada.ca website.

RESISTANCE MANAGEMENT RECOMMENDATIONS

For resistance management, Korrex B Herbicide is a Group 4 herbicide. Any weed population may contain or develop plants naturally resistant to Korrex B Herbicide and other 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 Korrex B or other 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 Corteva Agriscience Canada Company at 1-800-667-3852.

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