

Koril[®] 235

Liquid Herbicide

AGRICULTURAL

GROUP

6

HERBICIDE



DANGER: EYE AND SKIN IRRITANT
POTENTIAL SKIN SENSITIZER

Nufarm Agriculture Inc.
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Calgary, Alberta T2H 1H9
1-800-868-5444

24 Hour Emergency Response Number
1-800-424-9300

Koril[®] is a registered trademark
of Nufarm Agriculture Inc.

**CONTAINS BROMOXYNIL
EMULSIFIABLE CONCENTRATE**

GUARANTEE:

Bromoxynil,
present as octanoate ester ... 235 g/L

**READ THE LABEL AND
BOOKLET BEFORE USING**

For use in field crops of alfalfa, barley,
canary seed, field and sweet corn, fall rye,
flax, oats, triticale, spring and winter wheat to
control seedling hard-to-kill annual weeds.

REGISTRATION NUMBER 25341
PEST CONTROL PRODUCTS ACT



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**Nufarm Koril 235 Liquid Herbicide can be tank mixed
with the following products:**

- 2, 4-D
- MCPA
- Atrazine
- AVENGE® 200-C
- ACHIEVE® Liquid
- HORIZON® Herbicide Tank-Mix
- BANVEL® II
- ULTIM® 25DF
- ACCENT® 75DF

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SECTION 1:

GENERAL INFORMATION:

Nufarm Koril 235 Liquid Herbicide controls spring germinating weeds such as wild buckwheat, tartary buckwheat and green smartweed. Nufarm Koril 235 Liquid Herbicide works best applied to seedling weeds. Nufarm Koril 235 Liquid Herbicide is a low volatile ester formulation. Nufarm Koril 235 Liquid Herbicide applied as directed controls some weeds, which deprive young corn and cereal crops of vital moisture and fertilizer, reduces contamination of crops with weeds seeds, improves quality and makes harvesting easier. Nufarm Koril 235 Liquid Herbicide is a contact herbicide. Thorough coverage of the weed seedlings is essential for optimum control.

Tank mixes with chemical additives, pesticides or fertilizers not listed on this label may be physically incompatible, may cause unacceptable crop effects or may result in unacceptable weed or pest control. Contact Nufarm Agriculture Inc. at 1-800-868-5444 for more information.

DIRECTIONS FOR USE:

RESISTANCE-MANAGEMENT RECOMMENDATIONS

For resistance management, Nufarm Koril 235 Liquid Herbicide is a Group 6 herbicide. Any weed population may contain or develop plants naturally resistant to Nufarm Koril 235 Liquid Herbicide and other Group 6 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 Nufarm Koril 235 Liquid Herbicide or other Group 6 herbicides 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.
- Herbicide use should be based on an IPM program that includes scouting, historical information related to herbicide use and crop rotation, and considers tillage (or other mechanical), cultural, biological and other chemical control practices.
- Monitor treated weed populations for resistance development.
- Prevent movement of resistant weed seeds to other fields by cleaning harvesting and tillage equipment and planting clean seed.
- 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 Nufarm Agriculture Inc. at 1-800-868-5444 or at www.nufarm.ca.

SECTION 2:

APPLICATION TIMING:

For best results, spray up to 4-leaf stage of weeds. Apply in good growing conditions. Application must be made before the crop shields the weeds.

WEEDS CONTROLLED BY NUFARM KORIL 235 Liquid HERBICIDE ALONE

Seedlings up to 4-leaf stage:

Green smartweed	Common Ragweed
Pale smartweed	Triazine Resistant Pigweed
Lady's-thumb	Cocklebur
Bluebur	Russian thistle **
Kochia **	Wild Mustard *
Cow Cockle *	Stinkweed *
Velvet leaf ***	American nightshade

Seedlings up to 8 leaf stage:

Wild buckwheat	Tartary buckwheat
Common buckwheat	Common groundsel
Lamb's-quarters	

* Under normal conditions will be controlled up to the 4-leaf stage.

Plants beyond this stage are unlikely to be controlled.

** Spray before plants are 5 cm high.

*** Spray before plants are 8 cm high.

WEEDS CONTROLLED BY NUFARM KORIL 235 Liquid HERBICIDE + MCPA

Weeds listed for Nufarm Koril 235 Liquid Herbicide alone plus these additional weeds:

Seedlings up to 4-leaf stage:

Ball Mustard	Canada Thistle ****
Flixweed	Hemp Nettle ***
Night Flowering Catchfly	Perennial Sowthistle ****
Redroot Pigweed	Scentless Chamomile *
Shepherd's Purse	Volunteer Canola **
Volunteer Sunflower	

Seedlings up to 8-leaf stage:

Common Ragweed	Stinkweed
Wild Mustard	Wormseed Mustard

* Spring annuals only. Will not control overwintered weeds.

** For heavy infestations tank-mix 550 g active ingredient of MCPA per hectare.

*** Tank-mix 550 g active ingredient of MCPA per hectare. Plants beyond the 4-leaf stage are not likely to be controlled. Plants emerging after application, which is often the case on peat type soils, will not be controlled.

**** Top growth controlled.

WEEDS CONTROLLED BY NUFARM KORIL 235 Liquid HERBICIDE + 2,4-D
Weeds listed for Nufarm Koril 235 Liquid Herbicide alone plus these additional weeds:

Seedlings up to 4 leaf stage:

Ball Mustard	Flixweed *
Redroot Pigweed	Night Flowering Catchfly
Volunteer Sunflower	Shepherd's Purse

Seedlings up to 8 leaf stage:

Stinkweed *	Wild Mustard
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* The higher rate of 2,4-D is recommended for larger over winter weeds (fall rosettes).

SECTION 3:

APPLICATION AND MIXING INSTRUCTIONS FOR GROUND OR AIR

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) medium 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) medium classification. To reduce drift caused by turbulent wingtip vortices, the nozzle distribution along the spray boom length MUST NOT exceed 65% of the wingspan or rotorspan.

MIXING INSTRUCTIONS:

1. Fill spray tank half full with clean water.
2. Add required amount of Nufarm Koril 235 Liquid Herbicide. Begin agitation.
3. If tankmixing, add the recommended amount of the tank mix partner product to the spray tank first, agitate, and then add Nufarm Koril 235 Liquid Herbicide (unless otherwise directed).
4. Complete filling spray tank with water, continue agitation.

TANK MIXES:

Nufarm Koril 235 Liquid Herbicide is recommended in tank mix with other products. Follow **all instructions** for mixing, spraying, precautions, limitations, crop rotations, application timing, preharvest intervals, etc., on labels of products tank mixed with Nufarm Koril 235 Liquid Herbicide.

APPLICATION RATE:

Refer to specific instructions for each crop.

At the 1.2 L/ha rate, a 9.71 litre container treats 8.1 hectares (20 acres).

At the 1.4 L/ha rate, a 9.71 litre container treats 6.9 hectares (17.1 acres).

Wash out spray tank and lines and clean all filters, screens and tips. Select nozzle tips to apply the recommended volume of water per hectare. Flood jet type tips are not recommended. Adjust boom height to ensure uniform coverage of weeds. For ground applications, spray at 5-10 km/h. Calibrate sprayer and ensure that all tips are in good condition and spraying the same volume.

ENVIRONMENTAL HAZARDS:

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

Do not apply to any body of water. Avoid drifting of spray onto any body of water or other non-target areas.

Coarse sprays are less likely to drift, therefore, avoid combinations of pressure and nozzle type that will result in fine particles (mist). Do not apply during periods of dead calm or when wind velocity and direction pose a risk of spray drift. Do not spray when the wind is blowing towards a nearby sensitive crop, garden, terrestrial habitat (such as shelter-belt) or aquatic habitat.

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, poorly draining soil (e.g. soils that are compacted or fine textured such as clay).

Avoid application of this product 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.

BUFFER ZONES:

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 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*	All crops		1	1	1	1	1
Aerial	Barley and wheat	Fixed wing	20	5	1	1	55
		Rotary wing	20	3	1	1	45

* 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 other tank-mix ingredients and observe the largest (most restrictive) buffer zone of the products included in the tank mixture.

Generic Aerial Application Label Instructions

Directions for Use

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 marking devices.

Use Precautions

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 field crew and 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, aircraft cockpit and vehicle cabs must be decontaminated regularly.

Product Specific Precautions

Read and understand the entire label before opening this product. If you have questions, call the manufacturer 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:

Volume: Apply the recommended rate in a minimum spray volume of 20 litres per hectare.

FOR AERIAL APPLICATION REFER TO THE FOLLOWING 12 POINTS.

1. Weeds must be treated at the recommended growth stages while actively growing. Weed stage should be checked prior to spraying.
2. Nufarm Koril 235 Liquid Herbicide plus either MCPA or 2,4-D must be applied in volume rates of not less than 20 L/ha. For best results when there is a heavy crop canopy, or when the majority of the weeds are cow cockle, smartweed, hempnettle, pigweed or Canada thistle, a volume rate of 40 L/ha is recommended.
3. The application rate per hectare of Nufarm Koril 235 Liquid Herbicide and the phenoxy herbicides must not be reduced.
4. Effective swath width (as determined by boom width and spray pattern overlaps) must be accurately maintained. Conduct tests to determine the effective swath width of your aircraft. (For example, the effective swath width may be less than one half of the overall swath).
5. Flat-fan or hollow cone nozzles are recommended.
6. Nozzles should be positioned to compensate for prop-wash and wing-tip vortex effects. Nozzles should not be placed within 1 m of wing-tips.
7. Nozzles orientations (measured from direction of flight) to achieve desired minimum droplet density with maximum coverage.

VOLUME RATE	NOZZLE TYPE	NOZZLE ORIENTATION
20 L/ha	Flat Fan	90°
	Hollow Cone	135°
30 L/ha	Flat Fan	90 – 135°
	Hollow Cone	135°
40 L/ha	Flat Fan	135°
	Hollow Cone	135 – 180°

8. Efficient trackmarking is essential (“Automatic Flagmen” markers should only be used as a back-up system).
9. Avoid spraying in temperatures greater than 25°C.
10. Spray only when wind is blowing away from a sensitive crop.
11. Do not spray in a dead calm and when wind speed exceeds 8 km per hour.
12. For aerial application mixers/loaders must wear coveralls over normal working clothes.

Spray Pressure:	Ground	275 kPa.
	Air	Use pressures at the lower end of the range recommended by the nozzle manufacturer.
Nozzles:	Ground	Flat Fan recommended Do not Use Flood Jet Nozzles.
	Air	See point 7 above.

SECTION 4:

ALFALFA (Seedling, and established alfalfa grown for seed production only)

Provinces of Alberta, Saskatchewan and Manitoba only

Nufarm Koril 235 Liquid Herbicide ALONE	
Weeds Controlled:	See Section 2.
Crop Treatment Stage:	Seedling – From the 2 to 6 trifoliate leaf stage. Do not apply to seedlings under stress. Established – Until alfalfa is 25 cm tall. Maximum of 2 applications per year on established alfalfa.
Application Method:	Ground application only. DO NOT APPLY BY AIR. Apply in 100 litres of water per hectare. See Section 3.
Application Rate:	Seedling – 1.2 L/ha. Established – 1.2 to 1.4 L/ha.

Note: Temporary crop injury, such as scorching of leaves may occur under adverse growing conditions (cool and wet, or hot [over 25°C] and humid).

Do not apply to alfalfa seedlings in the unifoliate or 1st trifoliate leaf stage.

Avoid overlapping as severe crop injury may occur.

SECTION 5:**BARLEY** (not underseeded to legumes)

Nufarm Koril 235 Liquid Herbicide ALONE	
Weeds Controlled:	See Section 2.
Crop Treatment Stage:	From the 2-leaf to early flag-leaf stage, but not after the boot stage.
Application Method:	Ground - apply in 100 litres of water per hectare. Air - apply in 20-40 litres of water per hectare. See Section 3.
Application Rate:	Weeds up to leaf stage indicated - 1.2 L/ha. Weeds beyond leaf stage indicated - 1.4 L/ha.

Nufarm Koril 235 Liquid Herbicide + MCPA	
Weeds Controlled:	See Section 2 under Nufarm Koril 235 Liquid Herbicide + MCPA mixture.
Crop Treatment Stage:	From the 2-leaf to early flag-leaf stage.
Application Method:	Ground - apply in 50-100 litres of water per hectare. Air - apply in 20-40 litres of water per hectare. See Section 3.
Application Rate:	1.2 L/ha Nufarm Koril 235 Liquid Herbicide + 275-550 g active ingredient MCPA per hectare.

Note: MCPA-K is preferred for hempnettle although other formulations may be used. Add MCPA to the spray tank first, agitate, then add Nufarm Koril 235 Liquid Herbicide.

Nufarm Koril 235 Liquid Herbicide + 2,4-D	
Weeds Controlled:	See Section 2 under Nufarm Koril 235 Liquid Herbicide + 2,4-D mixture.
Crop Treatment Stage:	From the 4-leaf to early flag-leaf stage. Application prior to the 4-leaf stage may result in crop injury.
Application Method:	Ground - apply in 100 litres of water per hectare. Air - apply in 20-40 litres of water per hectare. See Section 3.
Application Rate:	1.2 L/ha Nufarm Koril 235 Liquid Herbicide + 275-420 g active ingredient 2,4-D per hectare.

Note: 2, 4-D ester is preferred although other formulations may be used. Add 2,4-D to the spray tank first, agitate, then add Nufarm Koril 235 Liquid Herbicide.

Nufarm Koril 235 Liquid Herbicide + AVENGE 200-C	
Weeds Controlled:	See Section 2, plus wild oats in the 3- to 5-leaf stage.
Crop Treatment Stage:	From the 2- to 6-leaf stage.
Application Method:	Ground application only. DO NOT APPLY BY AIR. Apply in 100 litres of water per hectare. See Section 3.
Application Rate:	1.2 - 1.4 L/ha Nufarm Koril 235 Liquid Herbicide + 3.5 - 4.25 L/ha AVENGE 200-C.

Note: Add Nufarm Koril 235 Liquid Herbicide to the spray tank first, agitate well, and then add AVENGE 200-C. Refer to the AVENGE 200-C label for instructions, precautions and limitations.

Nufarm Koril 235 Liquid Herbicide + MCPA + AVENGE 200-C	
Weeds Controlled:	See Section 2 under Nufarm Koril 235 Liquid Herbicide + MCPA mixture, plus wild oats in the 3- to 5-leaf stage.
Crop Treatment Stage:	From the 2- to 6-leaf stage.
Application Method:	Ground application only. DO NOT APPLY BY AIR. Apply in 100 litres of water per hectare. See Section 3.
Application Rate:	1.2 L/ha Nufarm Koril 235 Liquid Herbicide + 275-550 g active ingredient MCPA per hectare + 3.5 - 4.25 L/ha AVENGE 200-C. Use ester formulation of MCPA only.

Note: Add MCPA ester to the spray tank first, agitate well, then add Nufarm Koril 235 Liquid Herbicide, agitate well, and then add AVENGE 200-C. Refer to the AVENGE 200-C label for instructions, precautions and limitations.

Nufarm Koril 235 Liquid Herbicide + ACHIEVE Liquid	
Weeds Controlled:	See Section 2, plus weeds indicated on the ACHIEVE Liquid label.
Crop Treatment Stage:	From the 2-leaf to early flag-leaf stage.
Application Method:	Ground - apply in 50-100 litres of water per hectare. Air - apply in 30-45 litres of water per hectare. See Section 3.
Application Rate:	1.2 L/ha Nufarm Koril 235 Liquid Herbicide + 0.5 L/ha ACHIEVE Liquid + 0.5% v/v TURBOCHARGE adjuvant.

Note: Add ACHIEVE Liquid to the spray tank first, agitate well, then add Nufarm Koril 235 Liquid Herbicide, agitate well, and then add TURBOCHARGE adjuvant. Refer to the ACHIEVE Liquid label for instructions, precautions and limitations.

SECTION 6:

CANARY SEED (seed production for bird feed)

Nufarm Koril 235 Liquid Herbicide ALONE	
Weeds Controlled:	See Section 2.
Crop Treatment Stage:	From the 3- to 5-leaf stage.
Application Method:	Ground application only. DO NOT APPLY BY AIR. Apply in 100 litres of water per hectare. See Section 3.
Application Rate:	1.2 L/ha.

Nufarm Koril 235 Liquid Herbicide + MCPA	
Weeds Controlled:	See Section 2 under Nufarm Koril 235 Liquid Herbicide + MCPA mixture.
Crop Treatment Stage:	From the 3- to 5-leaf stage.
Application Method:	Ground application only. DO NOT APPLY BY AIR. Apply in 100 litres of water per hectare. See Section 3.
Application Rate:	1.2 L/ha Nufarm Koril 235 Liquid Herbicide + 275 g active ingredient MCPA per hectare.

Note: MCPA ester is preferred although other formulations may be used. Add MCPA to the spray tank first, agitate, then add Nufarm Koril 235 Liquid Herbicide.

SECTION 7:**CORN** (Field and Sweet)

Nufarm Koril 235 Liquid Herbicide ALONE	
Weeds Controlled:	See Section 2.
Crop Treatment Stage:	For maximum weed exposure treat from 4- to 8-leaf stage of the crop. Use drop nozzles to spray when corn is beyond the 8-leaf stage or for a second application for later germinating weeds such as cocklebur and velvetleaf.
Application Method:	Ground application only. DO NOT APPLY BY AIR. Apply in 200-300 litres of water per hectare. See Section 3.
Application Rate:	Light weed infestation - 1.2 L/ha. Heavy weed infestation - 1.4 L/ha.

Note: Temporary crop injury, such as scorching of leaves may occur under adverse growing conditions (cool and wet or hot [over 25°C] and humid). DO NOT add oil or surfactant.

Nufarm Koril 235 Liquid Herbicide may be applied alone to seed corn inbreds once per year. (Variability in tolerance among inbred lines has been observed. Not all seed corn inbreds have been tested; the use of Nufarm Koril Liquid Herbicide must be approved by the Seed Corn company and comply with the directions given by the Seed Corn company).

Nufarm Koril 235 Liquid Herbicide + ATRAZINE	
Weeds Controlled:	See Section 2, plus weeds indicated on the atrazine label.
Crop Treatment Stage:	From the 4- to 8-leaf stage. Refer to the atrazine label for limitations on grassy weeds.
Application Method:	Ground application only. DO NOT APPLY BY AIR. Apply in 200-300 litres of water per hectare. See Section 3.
Application Rate:	1.2 L/ha of Nufarm Koril 235 Liquid Herbicide + 1.1 – 1.5 kg active ingredient of atrazine per hectare.

Note: Add atrazine to the spray tank first, agitate well, and then add Nufarm Koril 235 Liquid Herbicide.

Temporary crop injury, such as scorching of leaves may occur under adverse growing conditions (cool and wet or hot [over 25°C] and humid).

DO NOT add oil or surfactant or use atrazine formulations that contain oil.

Refer to the atrazine label for instructions, precautions and limitations, especially on crop restrictions the following year.

Nufarm Koril 235 Liquid Herbicide + LOW RATE ATRAZINE	
Weeds Controlled:	See Section 2, plus seedlings up to 6-leaf stage – redroot pigweed (triazine susceptible), velvetleaf*; seedlings up to 8-leaf stage - common ragweed. * Spray before weed reaches 10 cm in height.
Crop Treatment Stage:	From the 4- to 8-leaf stage.
Application Method:	Ground application only. DO NOT APPLY BY AIR. Apply in 200-300 litres of water per hectare. See Section 3.
Application Rate:	1.2 to 1.4 L/ha of Nufarm Koril 235 Liquid Herbicide + 0.5 kg active ingredient of atrazine per hectare.

Note: Add atrazine to the spray tank first, agitate well, and then add Nufarm Koril 235 Liquid Herbicide.

Temporary crop injury, such as scorching of leaves may occur under adverse growing conditions (cool and wet or hot [over 25°C] and humid).

DO NOT add oil or surfactant or use atrazine formulations that contain oil.

Refer to the atrazine label for instructions, precautions and limitations, especially on crop restrictions the following year.

Nufarm Koril 235 Liquid Herbicide + BANVEL II (Do Not Use On Sweet Corn or Crops Grown for Seed Production)	
Weeds Controlled:	See Section 2, plus weeds indicated on the BANVEL II label.
Crop Treatment Stage:	From the 4- to 6-leaf stage as an overall broadcast treatment. Use drop nozzles to spray when corn is beyond the 6-leaf stage and up to 50 cm in height. Do not apply later than 2 weeks prior to tassel emergence or to corn over 50 cm in height.
Application Method:	Ground application only. DO NOT APPLY BY AIR. Apply in 200-300 litres of water per hectare. See Section 3.
Application Rate:	1.2 L/ha Nufarm Koril 235 Liquid Herbicide + 290 mL/ha BANVEL II.

Note: Temporary crop injury, such as scorching of leaves may occur under adverse growing conditions (cool and wet or hot [over 25°C] and humid).

Refer to the BANVEL II label for instructions, precautions and limitations.

Do not add oil or surfactant.

Add Nufarm Koril 235 Liquid Herbicide to the spray tank first, agitate well, then add Banvel II.

Nufarm Koril 235 Liquid Herbicide + ULTIM 25DF + Non-Ionic Surfactant (Field Corn Only, Eastern Canada)	
Weeds Controlled:	See Section 2, plus weeds indicated on the ULTIM 25DF label.
Crop Treatment Stage:	From the 4- to 6-leaf stage (up to 4 visible collars or 30 cm in height, leaf extended).
Application Method:	Ground application only. DO NOT APPLY BY AIR. Apply in 200-300 litres of water per hectare. See Section 3.
Application Rate:	1.2 L/ha Nufarm Koril 235 Liquid Herbicide + 100 g/ha (1 soluble bag) ULTIM 25DF + 0.2% v/v non-ionic surfactant. (Examples: CITOWETT PLUS, AGRAL 90, AG-SURF)

Note: Apply this mix only when temperatures in the 24 hours before and after application time range between 5°C and 28°C. Temperatures beyond this range increase the potential for crop injury.

Separate applications of ULTIM 25DF followed by Nufarm Koril 235 Liquid Herbicide (minimum 12 hours later) will reduce the potential for injury.

Refer to the ULTIM 25DF label for instructions, precautions and limitations.

Nufarm Koril 235 Liquid Herbicide + LOW RATE ATRAZINE + ULTIM 25DF + Non-Ionic Surfactant (Field Corn Only, Eastern Canada)	
Weeds Controlled:	See Section 2, plus weeds indicated on the atrazine and ULTIM 25DF label.
Crop Treatment Stage:	From the 3- to 6-leaf stage (up to 4 visible collars or 30 cm in height, leaf extended).
Application Method:	Ground application only. DO NOT APPLY BY AIR. Apply in 200-300 litres of water per hectare. See Section 3.
Application Rate:	0.6 L/ha Nufarm Koril 235 Liquid Herbicide + 0.5 kg active ingredient of atrazine per hectare + 100 g/ha (1 soluble bag) ULTIM 25DF + 0.2% v/v non-ionic surfactant. (Examples: CITOWETT PLUS, AGRAL 90, AG-SURF)

Note: Apply this mix only when temperatures in the 24 hours before and after application time range between 5°C and 28°C. Temperatures beyond this range increase the potential for crop injury.

Separate applications of ULTIM 25DF followed by Nufarm Koril 235 Liquid Herbicide (minimum 12 hours later) will reduce the potential for injury.

Refer to the atrazine label for instructions, precautions and limitations, especially on crop restrictions the following year.

Refer to the ULTIM 25DF label for instructions, precautions and limitations.

Nufarm Koril 235 Liquid Herbicide + ACCENT 75DF + Non-Ionic Surfactant (Field Corn, Eastern Canada Only)	
Weeds Controlled:	See Section 2, plus weeds indicated on the ACCENT 75DF label.
Crop Treatment Stage:	From the 4- to 8-leaf stage (2 to 6 visible collars).
Application Method:	Ground application only. DO NOT APPLY BY AIR. Apply in 200-300 litres of water per hectare. See Section 3.
Application Rate:	1.2 L/ha Nufarm Koril 235 Liquid Herbicide + 33.4 g/ha (1 soluble bag) ACCENT 75DF + 0.2% v/v non-ionic surfactant. (Examples: CITOWETT PLUS, AGRAL 90, AG-SURF)

Note: Refer to the ACCENT 75DF label for instructions, precautions and limitations. Do not apply prior to 4-leaf (2 visible collars) or after the 8-leaf (6 visible collars) stage of corn.

SECTION 8:

FALL RYE (not underseeded to legumes)

Nufarm Koril 235 Liquid Herbicide ALONE	
Weeds Controlled:	See Section 2.
Crop Treatment Stage:	From the time growth begins in the spring to the early flag-leaf stage. Apply before weeds are past the 4- to 5-leaf stage.
Application Method:	Ground application only. DO NOT APPLY BY AIR. Apply in 50 - 100 litres of water per hectare. See Section 3.
Application Rate:	Weeds up to leaf stage indicated - 1.2 L/ha. Weeds beyond leaf stage indicated - 1.4 L/ha

Nufarm Koril 235 Liquid Herbicide + MCPA	
Weeds Controlled:	See Section 2 under Nufarm Koril 235 Liquid Herbicide + MCPA mixture.
Crop Treatment Stage:	From the time growth begins in the spring to the early flag-leaf stage. Apply before weeds are past the 4- to 5-leaf stage.
Application Method:	Ground application only. DO NOT APPLY BY AIR. Apply in 50-100 litres of water per hectare. See Section 3.
Application Rate:	1.2 L/ha Nufarm Koril 235 Liquid Herbicide + 275 g active ingredient MCPA per hectare.

Note: MCPA ester is preferred although other formulations may be used. Add MCPA to the spray tank first, agitate, then add Nufarm Koril 235 Liquid Herbicide.

SECTION 9:**FLAX** (including low linolenic acid varieties)

Nufarm Koril 235 Liquid Herbicide ALONE	
Weeds Controlled:	See Section 2.
Crop Treatment Stage:	From when flax is 5 cm in height, up to the bud stage. For best crop safety, treat when 5 to 10 cm in height.
Application Method:	Ground application only. DO NOT APPLY BY AIR. Apply in 100 litres of water per hectare. See Section 3.
Application Rate:	1.2 L/ha

Note: Some leaf burn and retarded growth may be expected. For best crop safety, spray in the evening, and avoid spraying during hot (over 29°C), humid weather.

Nufarm Koril 235 Liquid Herbicide + MCPA	
Weeds Controlled:	See Section 2 under Nufarm Koril 235 Liquid Herbicide + MCPA mixture.
Crop Treatment Stage:	From when flax is 5 cm in height, up to the bud stage. For best crop safety, treat when 5 to 10 cm in height.
Application Method:	Ground application only. DO NOT APPLY BY AIR. Apply in 100 litres of water per hectare. See Section 3.
Application Rate:	1.2 L/ha Nufarm Koril 235 Liquid Herbicide + 275 g active ingredient MCPA per hectare.

Note: Some leaf burn and retarded growth may be expected. For best crop safety, spray in the evening, and avoid spraying during hot (over 29°C), humid weather. Add MCPA to the spray tank first, agitate, then add Nufarm Koril 235 Liquid Herbicide. The amine, ester or K-salt formulations of MCPA can be used in this tank mixture.

SECTION 10:**OATS** (not underseeded to legumes)

Nufarm Koril 235 Liquid Herbicide ALONE	
Weeds Controlled:	See Section 2.
Crop Treatment Stage:	From the 2-leaf to early flag-leaf stage. Apply before weeds are past the 4- to 5-leaf stage.
Application Method:	Ground application only. DO NOT APPLY BY AIR. Apply in 50 - 100 litres of water per hectare. See Section 3.
Application Rate:	Weeds up to leaf stage indicated - 1.2 L/ha. Weeds beyond leaf stage indicated - 1.4 L/ha

Nufarm Koril 235 Liquid Herbicide + MCPA	
Weeds Controlled:	See Section 2 under Nufarm Koril 235 Liquid Herbicide + MCPA mixture.
Crop Treatment Stage:	From the 2-leaf to early flag-leaf stage.
Application Method:	Ground application only. DO NOT APPLY BY AIR. Apply in 50-100 litres of water per hectare. See Section 3.
Application Rate:	1.2 L/ha Nufarm Koril 235 Liquid Herbicide + 275-550 g active ingredient MCPA per hectare.

Note: MCPA-K is preferred for hempnettle although other formulations may be used. Add MCPA to the spray tank first, agitate, then add Nufarm Koril 235 Liquid Herbicide.

SECTION 11:

TRITICALE (not underseeded to legumes)

Nufarm Koril 235 Liquid Herbicide ALONE	
Weeds Controlled:	See Section 2.
Crop Treatment Stage:	From the 2-leaf to early flag stage.
Application Method:	Ground application only. DO NOT APPLY BY AIR. Apply in 100 litres of water per hectare. See Section 3.
Application Rate:	Weeds up to leaf stage indicated - 1.2 L/ha. Weeds beyond leaf stage indicated - 1.4 L/ha.

SECTION 12:

WHEAT (spring & winter) (not underseeded to legumes)

Nufarm Koril 235 Liquid Herbicide ALONE	
Weeds Controlled:	See Section 2.
Crop Treatment Stage:	Spring Wheat - From the 2-leaf to early flag stage, but not at or after the boot stage. Apply before weeds are past the 4- to 5-leaf stage. Winter Wheat - From the 2-leaf to 4-leaf stage in the fall or from the time growth begins, to the early flag-leaf stage in the spring.
Application Method:	Ground - apply in 50-100 litres of water per hectare. Air - apply in 20-40 litres of water per hectare. See Section 3.
Application Rate:	Weeds up to leaf stage indicated - 1.2 L/ha. Weeds beyond leaf stage indicated - 1.4 L/ha.

Nufarm Koril 235 Liquid Herbicide + MCPA	
Weeds Controlled:	See Section 2 plus under Nufarm Koril 235 Liquid Herbicide + MCPA mixture.
Crop Treatment Stage:	Spring Wheat - From the 2-leaf to early flag-leaf stage. Winter wheat - From the 2-leaf to 4-leaf stage in the fall or from the time growth begins, to the early flag-leaf stage in the spring.
Application Method:	Ground - apply in 50-100 litres of water per hectare. Air - apply in 20-40 litres of water per hectare. See Section 3.
Application Rate:	Spring Wheat - 1.2 L/ha Nufarm Koril 235 Liquid Herbicide + 275-550 g active ingredient MCPA per hectare where indicated. Winter Wheat - 1.2 L/ha Nufarm Koril 235 Liquid Herbicide + 275 g active ingredient MCPA per hectare.

Note: MCPA-K is preferred for hempnettle although other formulations may be used. Add MCPA to the spray tank first, agitate, then add Nufarm Koril 235 Liquid Herbicide.

Nufarm Koril 235 Liquid Herbicide + 2,4-D	
Weeds Controlled:	See Section 2 under Nufarm Koril 235 Liquid Herbicide + 2,4-D mixture.
Crop Treatment Stage:	Spring and Winter Wheat - From the 4-leaf to early flag-leaf stage. Applications before the 4-leaf stage may injure the crop.
Application Method:	Ground - apply in 100 litres of water per hectare. Air - apply in 20-40 litres of water per hectare. See Section 3.
Application Rate:	1.2 L/ha Nufarm Koril 235 Liquid Herbicide + 275-420 g active ingredient 2,4-D per hectare.

Note: 2,4-D ester is preferred although other formulations may be used. Add 2,4-D to the spray tank first, agitate, then add Nufarm Koril 235 Liquid Herbicide.

Nufarm Koril 235 Liquid Herbicide + AVENGE 200-C (Spring Wheat Only)	
Weeds Controlled:	See Section 2, plus wild oats in the 3- to 5-leaf stage.
Crop Treatment Stage:	From the 2- to 6-leaf stage.
Application Method:	Ground application only. DO NOT APPLY BY AIR. Apply in 100 litres of water per hectare. See Section 3.
Application Rate:	1.2 to 1.4 L/ha Nufarm Koril 235 Liquid Herbicide + 3.5 - 4.25 L/ha AVENGE 200-C.

Note: Add Nufarm Koril 235 Liquid Herbicide to the spray tank first, agitate well, and then add AVENGE 200-C. Refer to the AVENGE 200-C label for instructions, precautions and limitations, particularly crop varieties recommended for treatment.

Nufarm Koril 235 Liquid Herbicide + MCPA Ester + AVENGE 200-C (Spring Wheat Only)	
Weeds Controlled:	See Section 2 under Nufarm Koril 235 Liquid Herbicide + MCPA ester mixture, plus wild oats in the 3- to 5-leaf stage.
Crop Treatment Stage:	From the 2- to 6-leaf stage.
Application Method:	Ground application only. DO NOT APPLY BY AIR. Apply in 100 litres of water per hectare. See Section 3.
Application Rate:	1.2 L/ha Nufarm Koril 235 Liquid Herbicide + 275-550 g active ingredient MCPA ester per hectare + 3.5 - 4.25 L/ha AVENGE 200-C. Use ester formulation of MCPA only.

Note: Add MCPA ester to the spray tank first, agitate well, then add Nufarm Koril 235 Liquid Herbicide, agitate well, and then add AVENGE 200-C. Refer to the AVENGE 200-C label for instructions, precautions and limitations, particularly crop varieties recommended for treatment.

Nufarm Koril 235 Liquid Herbicide + ACHIEVE Liquid (Spring, Winter and Durum Wheat)	
Weeds Controlled:	See Section 2, plus weeds indicated on the ACHIEVE Liquid label.
Crop Treatment Stage:	From the 2-leaf to early flag-leaf stage.
Application Method:	Ground - apply in 50-100 litres of water per hectare. Air - apply in 30-45 litres of water per hectare. See Section 3.
Application Rate:	1.2 L/ha Nufarm Koril 235 Liquid Herbicide + 0.5 L/ha ACHIEVE Liquid + 0.5% v/v TURBOCHARGE adjuvant.

Note: Add ACHIEVE Liquid to the spray tank first, agitate well, then add Nufarm Koril 235 Liquid Herbicide, agitate well, and then add TURBOCHARGE adjuvant. Refer to the ACHIEVE Liquid label for instructions, precautions and limitations.

Nufarm Koril 235 Liquid Herbicide + HORIZON Herbicide Tank-Mix (Durum and Spring Wheat Only)	
For Manitoba, Saskatchewan, Alberta plus the Peace River Region of British Columbia.	
Weeds Controlled:	See Section 2, plus weeds indicated on the HORIZON Herbicide Tank-Mix label.
Crop Treatment Stage:	From the 2-leaf to flag-leaf stage.
Application Method:	Ground - apply in 100 litres of water per hectare. Air - apply in 30-45 litres of water per hectare. See Section 3.
Application Rate:	1.2 L/ha Nufarm Koril 235 Liquid Herbicide + 230 to 290 mL/ha HORIZON 240 EC + 0.8 to 1.0% v/v SCORE adjuvant.

Note: Add HORIZON 240 EC to the spray tank first, agitate well, then add Nufarm Koril 235 Liquid Herbicide, agitate well, and then add SCORE adjuvant. Refer to the HORIZON Herbicide Tank-Mix label for instructions, precautions and limitations.

SECTION 13: SAFETY INFORMATION PRECAUTIONS:

KEEP OUT OF REACH OF CHILDREN. POTENTIAL SKIN SENSITIZER. WARNING POISON.
Do not get into eyes, on skin or on clothing. Store the container, tightly closed, away from seeds, fertilizer, plants and foodstuffs. Wash concentrate from skin or eyes immediately. Do not inhale spray mist. After use wash hands and other exposed skin. Avoid spray drift onto crops other than those recommended. Avoid contamination of ponds, streams, rivers and other water sources. Wear goggles or a face shield during mixing/loading operations.

All handlers must wear a long-sleeved shirt and long pants. In addition, wear chemical-resistant gloves and a chemical-resistant apron during mixing/loading/spraying activities. For aerial application, mixers/loaders must wear coveralls over normal working clothes.

Wear chemically resistant nitrile gloves, (e.g., Edmont SolVex #37-155/#37-145 or Pioneer A-15) which are in good condition when mixing/loading, spraying, and during clean up and repair. Rinse gloves before removal. Aerial applicators and applicators using a closed cab are not required to wear chemical-resistant gloves.

Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Discard clothing or other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. DO NOT reuse them.

DO NOT enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 24 hours.

DO NOT apply this product in a way that this product will contact workers or other persons, either directly or through drift. Only handlers wearing personal protective equipment may be in the area being treated during application.

If this pest control product is to be used on a commodity that may be exported to the U.S. and you require information on acceptable residue levels in the U.S., visit CropLife Canada's web site at: www.croplife.ca.

This product contains a petroleum distillate which is moderately to highly toxic to aquatic organisms. Avoid contamination of aquatic systems during application. Do not contaminate these systems through direct application, disposal of waste or cleaning equipment.

**PRE-HARVEST GRAZING INTERVALS:
(wheat, barley, oats and seedling alfalfa)**

Do not use treated crops for grazing of livestock or green feed until 30 days after application of Nufarm Koril 235 Liquid Herbicide. Do not cut treated crops for forage until 30 days after application of Nufarm Koril 235 Liquid Herbicide.

CAUTION:

Do not graze other treated crops or cut for hay, unless specified above; sufficient data are not available to support such use.

FIRST AID:

In case of Ingestion: Call a poison control centre or doctor immediately for treatment advice. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give **any** liquid to the person. Do not give anything by mouth to an unconscious person.

In case of Eye Contact: 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 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.

In case of Inhalation: 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.

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

TOXICOLOGICAL INFORMATION:

This product contains PETROLEUM DISTILLATES. Vomiting may cause aspiration pneumonia. Treat symptomatically.

EMERGENCY TELEPHONE NUMBERS:

For spills or transportation accidents, Chemtrec, 1-800-424-9300.

For health or environmental emergencies, Prosar, 1-877-325-1840.

For product and use information, Nufarm Agriculture Inc., 1-800-868-5444.

STORAGE CONDITIONS:

Nufarm Koril 235 Liquid Herbicide will solidify below minus 20°C but will become usable at temperatures above 0°C. Insecticides and fungicides should be segregated from herbicides so as to prevent the possibility of cross-contamination. SHAKE WELL BEFORE USING.

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 rinsing 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 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 Returnable-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.

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.

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.

11-1724

A-October 25, 2011