



CORAGEN® Insecticide

GROUP	28	INSECTICIDE
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CORAGEN® insecticide

SUSPENSION

FOR EMERGENCY USE ONLY. FOR SALE AND USE IN ALBERTA, SASKATCHEWAN, MANITOBA AND ONTARIO FOR THE CONTROL OF BEET WEBWORM IN QUINOA FROM MARCH 24, 2020 UNTIL OCTOBER 31, 2020

COMMERCIAL

READ THE ENTIRE LABEL BEFORE USING

Contains 1,2-benzisothiazolin-3-one at 0.019% as a preservative

or

Contains 5-chloro-2-methyl-4-isothiazolin-3-one at 0.00084% and 2-methyl-4-isothiazolin-3-one
at 0.00028% and 2-bromo-2-nitropropane-1,3-diol at 0.0088% as preservatives

ACTIVE INGREDIENT: Chlorantraniliprole 200 g/L

REGISTRATION NO. 28982 PEST CONTROL PRODUCTS ACT

NET CONTENTS: 0.5, 3.79, 100 LITRES

FMC Corporation
2929 Walnut Street
Philadelphia, PA 19104
1-833-362-7722

PMRA Annotated and Approved KLR
2020-0508
2020-03-24

PRECAUTIONS:

- **KEEP OUT OF REACH OF CHILDREN.**
- Wear a long-sleeved shirt, long pants, chemical-resistant gloves, socks and shoes during mixing, loading, application, clean-up and repair. Gloves are not required during application within a closed cab.
- Follow manufacturer's instructions for cleaning/maintaining personal protective equipment (PPE). If no such instructions for washables are available, use detergent and hot water. Keep and wash PPE separately from other laundry.
- Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- For agricultural uses, do not enter or allow worker entry into treated areas during the restricted entry interval of 12 hours.
- Apply only to agricultural crops when the potential for drift to areas of human habitation and human activity, such as houses, cottages, schools and recreational areas, is minimal. Take into consideration wind speed, wind direction, temperature inversions, application equipment, and sprayer settings.

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. 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.

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.

For medical emergencies call 1-800-331-3148 (24 hours).

TOXICOLOGICAL INFORMATION: Treat symptomatically. This product contains a petroleum distillate. Vomiting may cause aspiration pneumonia.

ENVIRONMENTAL PRECAUTIONS:

- Toxic to aquatic organisms. Observe buffer zones specified under DIRECTIONS FOR USE.
- Toxic to certain beneficial insects. Minimize spray drift to reduce harmful effects on beneficial insects in habitats next to the application site such as hedgerows and woodland.

- Chlorantraniliprole is persistent and may carryover. It is recommended that any products containing chlorantraniliprole not be used in areas treated with this product during the previous season.
- The use of this chemical may result in contamination of groundwater particularly in areas where soil is 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.
- 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

STORAGE:

Store product in original container only, away from other pesticides, fertilizer, food or feed. Not for use or storage in or around the home. Keep container closed. To prevent contamination, store this product away from food or feed.

DISPOSAL:

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

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

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

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

DIRECTIONS FOR USE

FOR USE ON QUINOA:

For control of Beet Webworm in Quinoa, apply CORAGEN® Insecticide at a rate of 250 to 375 mL/ha. Use a minimum spray volume of 100 L/ha.

Begin applications when treatment thresholds have been reached. Thorough coverage is essential for optimum control. Use the high rate under heavy pest pressure.

Do not make more than two applications per season.

Do not apply more than once every 7 days

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Do not harvest earlier than 1 day after application. Observe a 1 day Pre-Harvest Interval (PHI).

Do not exceed a total of 750 mL of Coragen® Insecticide per hectare per season

Do not apply by 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) fine classification. Boom height must be 60 cm or less above the crop or ground.

Buffer zones:

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

The buffer zones specified in the table below are required between the point of direct application and the closest downwind edge of 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 (meters) required for the protection of			
		Freshwater habitat of depths:		Estuarine/Marine Habitat of depths:	
		Less than 1m	Greater than 1 m	Less than 1 m	Greater than 1 m
Field sprayer	quinoa	1	1	1	0

MIXING INSTRUCTIONS:

Spray equipment must be clean and free of previous pesticide deposits before applying CORAGEN® insecticide. Fill spray tank 1/4 to 1/2 full of water. Add CORAGEN® insecticide directly to spray tank. Mix thoroughly to fully disperse the insecticide; once dispersed continued agitation is required. Use mechanical or hydraulic means; do not use air agitation. Spray mix should not be stored overnight in spray tank.

SPRAYER CLEANUP:

Prior to application, start with clean, well maintained application equipment. Immediately following application, thoroughly clean all spray equipment to reduce the risk of forming hardened deposits which might become difficult to remove.

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Drain spray equipment. Thoroughly rinse sprayer and flush hoses, boom and nozzles with clean water. Clean all other associated application equipment. Take all necessary safety precautions when cleaning equipment. Do not clean near wells, water sources or desirable vegetation. Dispose of waste rinse water in accordance with local regulations.

RESISTANCE-MANAGEMENT RECOMMENDATIONS:

For resistance management, please note that CORAGEN® insecticide contains a Group 28 insecticide. Any insect population may contain individuals naturally resistant to CORAGEN® insecticide and other Group 28 insecticides. The resistant individuals may dominate the insect population if this group of insecticides is used repeatedly in the same fields. Other resistance mechanisms that are not linked to site of action but are specific for individual chemicals, such as enhanced metabolism, may also exist. Appropriate resistance-management strategies should be followed.

To delay insecticide resistance:

- Where possible, rotate the use of CORAGEN® insecticide or other Group 28 insecticides with different groups that control the same pests.
- Make no more than 2 successive applications per generation to the same insect species on a crop. The following application to the target pest(s) must be with an effective product with a different mode of action.
- Use tank mixtures with insecticides from a different group when such use is permitted.
- Insecticide use should be based on an IPM program that includes scouting and record keeping, and considers cultural, biological and other chemical control practices.
- Monitor treated pest populations for resistance development.
- Contact your local extension specialist or certified crop advisors for any additional pesticide resistance-management and/or IPM recommendations for the specific site and pest problems in your area.
- For further information or to report suspected resistance contact FMC Corporation at 1-833-362-7722.

NOTICE TO USER:

This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label.

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