

SUPPLEMENTAL LABELING

**DuPont Crop
Protection**

**DUPONT™ CORAGEN® INSECT
CONTROL WITH ACTIVE
INGREDIENT RYNAXYPYR®
FOR USE ON POTATOES**

DUPONT™ CORAGEN® INSECTICIDE

EPA Reg. No. 352-729

FOR FOLIAR INSECT CONTROL ON POTATOES

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

GENERAL INFORMATION

CORAGEN™ is a suspension concentration that can be applied as a foliar spray on potatoes to control the important potato insect pests listed in the table below. CORAGEN™ is mixed with water for application.

Resistance Management

For resistance management, CORAGEN® is a Group 28 Insecticide. Repeated and exclusive use of CORAGEN® or other Group 28 Insecticides may lead to the buildup of resistant strains of insects in some crops.

Unless directed otherwise in the specific crop/pest sections of this label, the best practices are to follow these instructions to delay the development of insecticide resistance: Avoid using the same mode of action (same insecticide group) on consecutive generations of insect pests. Make no more than 2 applications of CORAGEN® per generation to the same insect species on a crop. Application(s) to the next generation of target pest(s) must be with an effective product with a different mode of action. Make no more than 2 successive applications within a 30 day period 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.

See label accompanying product for full resistance management instructions.

APPLICATION

Apply follow-up treatments of DuPont™ CORAGEN®, as specified in the table on page 2 of this label, to keep pest populations within threshold limits. Consult the cooperative extension service, professional consultants or other qualified authorities to determine appropriate threshold levels for treatment in your area. Refer to the Resistance Management section of the label accompanying product for further guidance on follow-up treatments.

Use sufficient water to obtain thorough, uniform coverage.

IMPORTANT

Before using CORAGEN®, read and follow all applicable directions; restrictions; and precautions on the EPA-registered label.

This bulletin contains new or supplemental instructions for use of these products in combination which does not appear on the package label. Follow the instructions carefully.

This labeling must be in the possession of the user at the time of pesticide application.

Read the Limitation of Warranty and Liability on the Section 3 Federal product label before buying or using THIS product. If terms are not acceptable, return the unopened package at once to Seller for full refund of purchase price paid. Otherwise, use by Buyer or any other User constitutes acceptance of the terms of the Limitation of Warranty and Liability on the Section 3 Federal product label

Crop	Application Method	Target Pest	DUPONT™ CORAGEN® RATE		Last Application (Days to Harvest)	REI (Hours)
			Lb. ai per acre	fluid ounces product per acre		
Potato	FOLIAR	Cabbage looper Colorado potato beetle European corn borer	0.045 – 0.065	3.5 – 5.0	14	4 hrs.
Do not apply more than 15.4 fl oz CORAGEN® (0.2 lbs. a.i.) per acre per crop per season. The minimum interval between treatments is 5 days. Colorado potato beetle resistance management: Do not apply CORAGEN® more than twice to a generation of Colorado potato beetle or within any 30 day period. Application(s) to the next generation of Colorado potato beetle must be with an effective product with a different mode of action. Do not apply CORAGEN® more than once to Colorado potato beetle via overhead chemigation.						

INSTRUCTIONS FOR THE USE OF CORAGEN® IN OVERHEAD SPRINKLER CHEMIGATION SYSTEMS

Types of Chemigation Systems: CORAGEN® may be applied only through overhead sprinkler irrigation systems. Overhead irrigation systems include the following; center pivot, end tow, hand move, lateral move, side roll, solid set and wheel line. The irrigation system used must provide uniform water distribution.

Directions for Chemigation: Preparation

A pesticide tank is required for the application of CORAGEN® in chemigation systems.

Thoroughly clean the injection system and tank of any fertilizer or chemical residues using a standard clean-out procedure.

Dispose of any residues in accordance with State and Federal laws. With the mix tank 1/4 to 1/2 full with water and the agitator running, measure the required amount of CORAGEN® and add it to the tank. Then add additional water to bring your total pesticide mixture up to the desired volume for your application. Note: Always add the CORAGEN® to water, never put CORAGEN® into a dry tank or other mixing equipment without first adding water. See "Tank Mixing Sequence" section of the container label for tank mixing sequence. Continue to agitate the mixture throughout the application process. Use mechanical or hydraulic agitation; do not use air agitation.

Injection Into Chemigation Systems

Inject the proper amount of CORAGEN® into the irrigation water flow using a positive displacement injection pump. Injection must occur at a point in the main irrigation water flow to ensure thorough mixing with the irrigation water. For continuously moving systems, inject the solution containing CORAGEN® into the irrigation water line continually and uniformly throughout the irrigation cycle. Apply in no more than 0.2 inches of water per acre. For overhead sprinkler systems that are stationary, add the solution containing CORAGEN® to the irrigation water line and apply no more than 0.2 inches of water per acre.

Uniform Water Distribution

The irrigation system used for application of CORAGEN® must provide for uniform distribution of CORAGEN® treated water. Non-uniform distribution can result in crop injury, lack of effectiveness or illegal pesticide residues in or on the crop being

treated. Ensure the irrigation system is calibrated to uniformly distribute the chemigation application to the crop. Contact the equipment manufacturer, the local University Extension agent or other experts if you have questions about achieving uniform distribution of the application.

Equipment Calibration

Calibrate the irrigation system and injector before applying CORAGEN®. Calibrate the injection pump while the system is running using the expected irrigation rate. If you have questions about calibration, you should contact your state extension service specialists, equipment manufacturer or other experts.

Monitoring of Chemigation Applications

A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of a responsible person, shall shut the system down and make necessary adjustments should the need arise. Wear the personal protective equipment as defined in the PPE section of the label for applicators and other handlers when making adjustments or repairs on the chemigation system when CORAGEN® is in the irrigation water.

Required System Safety Devices

Do not connect any irrigation system used for pesticide applications to a public water system unless the pesticide label-prescribed safety devices are in place. Public water system means a system for the (Cont'd next page) provision to the public of piped water for human consumption, if such a system has at least 15 service connections or regularly serves an average of at least 25 individuals at least 60 days out of the year.

1. The system must contain a functional check valve, vacuum relief valve and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.
2. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
3. The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the

system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.

4. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
5. The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.
6. Systems must use a metering pump such as a positive displacement injection pump (e.g. diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
7. Chemigation systems connected to public water systems must contain a functional, reduced-pressure zone, backflow preventer (RPZ) or the functional equivalent in the water supply line upstream from the point of pesticide introduction. As an option to the RPZ, the water from the public water system should be discharged into a reservoir tank prior to pesticide introduction. There shall be a complete physical break (air gap) between the outlet end of the fill pipe and the top or overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe.

Operation

Start the water pump and sprinkler, and let the system achieve the desired pressure and speed before starting the injector. Start the injector and calibrate the injection system according to the directions above. This procedure is necessary to deliver the desired rate per acre in a uniform manner. When the application is finished, allow the entire irrigation and injector system to be thoroughly flushed clean before stopping the system.

- End guns must be turned off during the application, if they irrigate nontarget areas or if they do not provide uniform application and coverage.
- To prevent contamination, plug nozzles in the immediate area of wells, control panels, chemical supply tanks and system safety devices.
- Do not apply when wind speed favors drift beyond the area intended for treatment.
- Do not apply when system connections or fittings leak or when nozzles do not provide uniform distribution.
- Do not allow irrigation water to collect or run-off during chemigation.

Cleaning the System

Thoroughly clean the injection system and tank of any fertilizer or chemical residues using a standard clean-out procedure. Dispose of any residues in accordance with State and Federal laws. Consult your owner's manual or your local equipment dealer for cleanout procedures for your injection system.