

DUPONT™ CORAGEN™ insecticide

SUSPENSION

FOR SALE FOR USE ON TUBEROUS AND CORM VEGETABLES GROUP, FRUITING VEGETABLES GROUP, BRASSICA VEGETABLES GROUP, LEAFY VEGETABLES GROUP, CUCURBIT VEGETABLES GROUP, CORN (FIELD, POP, SWEET, AND SEED), GRASS FORAGE, FODDER, AND HAY GROUP (SEED PRODUCTION ONLY), NON-GRASS ANIMAL FEEDS GROUP, MINT, OKRA, GREENHOUSE CUCUMBERS, GREENHOUSE TOMATOES, GREENHOUSE EGGPLANT, AND GREENHOUSE PEPPERS

COMMERCIAL

READ THE LABEL AND ATTACHED BOOKLET BEFORE USING

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

GUARANTEE: Chlorantraniliprole 200 g/L

REGISTRATION NO. 28982 PEST CONTROL PRODUCTS ACT

NET CONTENTS: 0.5, 3.79, 100 LITRES

E.I. DU PONT CANADA COMPANY
AGRICULTURAL PRODUCTS
P.O. BOX 2300, STREETSVILLE
MISSISSAUGA, ONTARIO
L5M 2J4
1-800-667-3925

PRECAUTIONS:

- **KEEP OUT OF REACH OF CHILDREN.**
- Wear long sleeves, long pants and chemical resistant gloves while mixing /loading, applying and during clean up and repair.
- 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.
- See the Aerial Application Label Instructions section of this label for additional precautions specific to aerial 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 website at www.croplife.ca.

ENVIRONMENTAL HAZARDS:

- 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.
- **DO NOT** apply this product directly to freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs, and wetlands), estuarine/marine habitats.
- **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.

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 1-800-441-3637 (24 hours).

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

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.

<<DFU Booklet>>

GROUP	28	INSECTICIDE
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DUPONT™ CORAGEN™ insecticide

SUSPENSION

FOR SALE FOR USE ON TUBEROUS AND CORM VEGETABLES GROUP, FRUITING VEGETABLES GROUP, BRASSICA VEGETABLES GROUP, LEAFY VEGETABLES GROUP, CUCURBIT VEGETABLES GROUP, CORN (FIELD, POP, SWEET, AND SEED), GRASS FORAGE, FODDER, AND HAY GROUP (SEED PRODUCTION ONLY), NON-GRASS ANIMAL FEEDS GROUP, MINT, OKRA, GREENHOUSE CUCUMBERS, GREENHOUSE TOMATOES, GREENHOUSE EGGPLANT, AND GREENHOUSE PEPPERS

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GENERAL INFORMATION

DUPONT™ CORAGEN™ insecticide is a liquid formulation that can be applied as a foliar spray, using ground application or aerial application (potatoes and corn only) to control many important insect pests. DUPONT™ CORAGEN™ insecticide is mixed with water for application.

Apply at the recommended rates when insect populations reach locally determined economic thresholds. Consult your local extension specialist or certified crop advisor to determine appropriate threshold levels for treatment in your area.

Use sufficient water to obtain thorough, uniform coverage.

DIRECTIONS FOR USE

TUBEROUS AND CORM VEGETABLES – Crop SubGroup 1C

Spray Volume for Tuberous and Corm Vegetables: Apply in a minimum finished spray volume of 100 L/ha by ground. For potatoes only, apply in a minimum finished spray volume of 50 L/ha by air.

SITE	PEST	RATE DUPONT™ CORAGEN™ insecticide /HA	SPECIFIC DIRECTIONS
POTATOES	Colorado potato beetle	250 ml to 500 ml	For potatoes, apply by either ground or aerial application equipment. Begin applications when treatment thresholds have been reached. Thorough coverage is important to obtain optimum control.
	European corn borer	250 ml to 375 ml	
TUBEROUS AND CORM VEGETABLES Arracacha; Arrowroot; Canna, edible; Cassava, bitter and sweet; Chayote (root); Chufa; Dasheen; Ginger; Leren; Potato; Sweet potato; Tanier; Turmeric; Yam bean; Yam, true	European corn borer Variegated cutworm Tobacco hornworm Tomato hornworm Armyworm Fall armyworm Beet armyworm Corn earworm Leafminers: <i>Liriomyza sativae</i> <i>Liriomyza trifolii</i>	250 ml to 375 ml	For Colorado potato beetle, use the higher application rate under heavy pest pressure and/or when larger larvae are present. For control of the European corn borer, time the application to coincide with peak egg hatch. Scout for European corn borer by monitoring egg laying and egg hatch to determine

	Diamondback moth	250 ml	application timing.
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RESTRICTIONS AND PRECAUTIONS: Tuberous and Corm Vegetables

- For pests with a range of application rates, use the high rate under heavy pest pressure.
- Do not make more than 4 applications per season.
- Do not apply more than once every 3 days.
- Do not apply less than 1 day before harvest. Observe a 1-day PHI.
- Do not exceed a total of 1.125 litres DUPONT™ CORAGEN™ insecticide per ha per season.

LEAFY VEGETABLES – Crop Group 4

Spray Volume for Leafy Vegetables: Apply in a minimum finished spray volume of 100 L/ha by ground.

SITE	PEST	RATE DUPONT™ CORAGEN™ insecticide /HA	SPECIFIC DIRECTIONS
LEAFY VEGETABLES Amaranth leafy, Arugula, Cardoon, Celery, Celery (Chinese), Celtuce, Chevрил, Chrysanthemum (edible leaved), Chrysanthemum (garland), Corn Salad, Cress (garland), Cress (upland), Dandelion leaves, Dock, Endive, Florence Fennel, Lettuce (head & leaf), Orach, Parsley leaves, Purslane (garden), Purslane (winter), Radicchio, Rhubarb, Spinach, Spinach (vine), Spinach (New Zealand), Swiss Chard	Cabbage looper Black cutworm	250 ml	Begin applications when treatment thresholds have been reached. Thorough coverage is important to obtain optimum control. For black cutworm control, apply to foliage when rain is not expected in the next 24 hours. For optimal control, apply to smaller plants or when lower portions of the plant can receive adequate coverage.
	Armyworm Fall armyworm Corn earworm Beet armyworm Leafminers: <i>Liriomyza sativae</i> <i>Liriomyza trifolii</i>	250 ml to 375 ml	

RESTRICTIONS AND PRECAUTIONS: Leafy Vegetables

- Do not make more than 4 applications per season.
- Do not apply more than once every 3 days.
- Do not apply less than 1 day before harvest. Observe a 1-day PHI.
- Do not exceed a total of 1 litre of DUPONT™ CORAGEN™ insecticide per ha per season.

BRASSICA VEGETABLES - Crop Group 5

Spray Volume for Brassica Vegetables: Apply in a minimum finished spray volume of 100 L/ha by ground.

SITE	PEST	RATE DUPONT™ CORAGEN™ insecticide /HA	SPECIFIC DIRECTIONS
BRASSICA VEGETABLES Broccoli, Broccoli (Chinese), Broccoli raab, Brussels Sprouts, Cabbage, Cabbage (Chinese, bok choy), Cabbage (Chinese, napa), Cabbage (Chinese mustard, choy), Cauliflower, Cavalo broccolo, Collards, Kale, Kohlrabi, Mizuna, Mustard Greens, Mustard Spinach, Rape Greens	Imported cabbage worm	250 ml	Begin applications when treatment thresholds have been reached. Thorough coverage is important to obtain optimum control. For optimum control, apply Hasten NT Spray Adjuvant* at an application rate of 0.25% v/v or MSO Contentrate with Leci- Tech* at an application rate of 0.5% v/v. For black cutworm control, apply to foliage when rain is not expected in the next 24 hours. For optimal control, apply to smaller plants or when lower portions of the plant can receive adequate coverage.
	Diamondback moth Cabbage looper Black cutworm	250 ml to 375 ml	
	Armyworm Fall armyworm Beet armyworm Corn earworm Leafminers: <i>Liriomyza sativae</i> <i>Liriomyza trifolii</i>		

RESTRICTIONS AND PRECAUTIONS: Brassica Vegetables

- Do not make more than 4 applications per season.
- Do not apply more than once every 3 days.
- Do not apply less than 3 days before harvest. Observe a 3-day PHI.
- Do not exceed a total of 1 litre of DUPONT™ CORAGEN™ insecticide per ha per season.

FRUITING VEGETABLES (EXCEPT CUCURBITS) – Crop Group 8

Spray Volume for Fruiting Vegetables: Apply in a minimum finished spray volume of 100 L/ha by ground.

SITE	PEST	RATE DUPONT™ CORAGEN™	SPECIFIC DIRECTIONS

		insecticide /HA	
FRUITING VEGETABLES Eggplant, Groundcherry, Pepino, Pepper (includes bell pepper, chili pepper, cooking pepper, pimento, sweet pepper) Tomatillo, Tomato	Colorado potato beetle	250 ml to 375 ml	Begin applications when treatment thresholds have been reached. Thorough coverage is important to obtain optimum control. For black cutworm control, apply to foliage when rain is not expected in the next 24 hours. For optimal control, apply to smaller plants or when lower portions of the plant can receive adequate coverage.
	Armyworm		
	Fall armyworm		
	Beet armyworm		
	Variiegated cutworm		
	Tobacco hornworm		
	Tomato hornworm		
	Tomato fruitworm (Corn earworm)\		
European corn borer			
	Cabbage looper	250 ml	
	Black cutworm		

RESTRICTIONS AND PRECAUTIONS: Fruiting Vegetables

- For pests with a range of application rates, use the high rate under heavy pest pressure.
- Do not make more than 4 applications per season.
- Do not apply more than once every 5 days.
- Do not apply less than 1 day before harvest. Observe a 1-day PHI.
- Do not exceed a total of 1.125 litres DUPONT™ CORAGEN™ insecticide per ha per season.

CUCURBIT VEGETABLES – Crop Group 9

Spray Volume for Cucurbit Vegetables: Apply in a minimum finished spray volume of 100 L/ha by ground.

SITE	PEST	RATE DUPONT™ CORAGEN™ insecticide /HA	SPECIFIC DIRECTIONS
CUCURBITVEGETABLES Chayote (fruit); Chinese waxgourd (Chinese preserving melon);	Cabbage looper Black cutworm	250 ml	Begin applications when treatment thresholds have been reached. Thorough coverage

Citron melon; Cucumber; Gherkin; Gourd, edible (includes hyotan, cucuzza, hechima, Chinese okra); Momordica spp (includes balsam apple, balsam pear, bittermelon, Chinese cucumber); Muskmelon (includes cantaloupe); Pumpkin; Squash, summer; Squash, winter (includes butternut squash, calabaza, hubbard squash, acorn squash, spaghetti squash); Watermelon	Cabbage looper	250 ml	is important to obtain optimum control. For black cutworm control, apply to foliage when rain is not expected in the next 24 hours. For optimal control, apply to smaller plants or when lower portions of the plant can receive adequate coverage.
	Black cutworm	250 ml to 375 ml	
	Armyworm		
	Fall armyworm		
	Corn earworm		
	Leafminers: <i>Liriomyza sativae</i> <i>Liriomyza trifolii</i>		

RESTRICTIONS AND PRECAUTIONS: Cucurbit Vegetables

- For pests with a range of application rates, use the high rate under heavy pest pressure.
- Do not make more than 4 applications per season.
- Do not apply more than once every 5 days.
- Do not apply less than 1 day before harvest. Observe a 1-day PHI.
- Do not exceed a total of 1.125 litres DUPONT™ CORAGEN™ insecticide per ha per season.

CORN – FIELD, POP, SEED AND SWEET

Spray Volume for Corn: Apply in a minimum finished spray volume of 100 L/ha by ground.

Apply in a minimum finished spray volume of 50 L/ha by air.

SITE	PEST	RATE DUPONT™ CORAGEN™ insecticide /HA	SPECIFIC DIRECTIONS
CORN Field corn; Pop corn; Seed corn.	Black cutworm	250 ml Apply either by ground or aerial application equipment.	Begin applications when treatment thresholds have been reached. Thorough coverage is important to obtain optimum control.

	<p>Armyworm</p> <p>Fall armyworm</p> <p>Beet armyworm</p> <p>Variiegated cutworm</p> <p>Corn earworm</p> <p>European corn borer</p> <p>Western bean cutworm</p>	<p>250 ml to 375 ml</p> <p>Apply either by ground or aerial application equipment.</p>	<p>For corn earworm European corn borer, or western bean cutworm control, time the applications to coincide with peak egg hatch. Scout by monitoring egg laying and egg hatch to determine application timing. Reapply if monitoring indicates it is necessary.</p> <p>For black cutworm control, apply to foliage when rain is not expected in the next 24 hours. For optimal control, apply to smaller plants or when lower portions of plant can receive adequate coverage.</p> <p>Refer to the section of the label titled AERIAL APPLICATION LABEL INSTRUCTIONS for use information specific to aerial application.</p>
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SWEET CORN	<p>Corn earworm</p> <p>European corn borer</p> <p>Western bean cutworm</p>	<p>250 ml to 375 ml</p> <p>Apply either by ground or aerial application equipment.</p>	<p>Time the applications to coincide with peak egg hatch. Scout by monitoring egg laying and egg hatch to determine application timing. Thorough coverage is essential for optimum control. Reapply if monitoring indicates it is necessary.</p> <p>Refer to the section of the label titled AERIAL APPLICATION LABEL INSTRUCTIONS for use information specific to aerial</p>
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RESTRICTIONS AND PRECAUTIONS: Corn

- For pests with a range of application rates, use the high rate under heavy pest pressure.
- Do not make more than 4 applications per season.
- Do not apply more than once every 3 days on seed corn or sweet corn.
- Do not apply more than once every 7 days on field corn or popcorn.
- Do not apply less than 1 day before harvest of seed corn or sweet corn.
- Do not apply less than 14 days before harvest of field corn or popcorn.
- Do not exceed a total of 1.125 litres DUPONT™ CORAGEN™ insecticide per ha per season.

GRASS FORAGE, FODDER, AND HAY GROUP – Crop Group 17 (Seed Production Only)

Spray Volume for Grass Forage, Fodder, and Hay Group: Apply in a minimum finished spray volume of 100 L/ha by ground.

SITE	PEST	RATE DUPONT™ CORAGEN™ insecticide /HA	SPECIFIC DIRECTIONS
GRASS FORAGE FODDER AND HAY GROUP (Seed Production Only) Any grass, Gramineae family (either green or cured) except sugarcane and those included in the cereal grains group, that will be fed to or grazed by livestock, all pasture and range grasses and grasses grown for hay or silage	Armyworm Fall armyworm Beet armyworm Corn earworm	250 ml to 375 ml	Begin applications when treatment thresholds have been reached. Thorough coverage is important to obtain optimum control.

RESTRICTIONS AND PRECAUTIONS: Grass Forage, Fodder, and Hay Group

- For seed production only. Forage, fodder, and hay are not to be fed to livestock.
- For any of the pests listed above, use the high rate under heavy pest pressure.
- Do not make more than 4 applications per season.
- Do not apply more than once every 7 days.
- Observe a 0-day PHI.
- Do not exceed a total of 1.125 litres DUPONT™ CORAGEN™ insecticide per ha per season.

NON-GRASS ANIMAL FEEDS GROUP – Crop Group 18

Spray Volume for Non-Grass Animal Feeds Group: Apply in a minimum finished spray volume of 100 L/ha by ground.

SITE	PEST	RATE DUPONT™ CORAGEN™ insecticide /HA	SPECIFIC DIRECTIONS

NON-GRASS ANIMAL FEEDS GROUP Alfalfa; Bean, velvet; Clover (Trifolium, Melilotus); Kudzu; Lespedeza; Lupin; Sainfoin; Trefoil; Vetch; Vetch, crown; Vetch, milk	Beet armyworm	250 ml to 375 ml	Begin applications when treatment thresholds have been reached. Thorough coverage is important to obtain optimum control.
	Alfalfa weevil (suppression only)	375 ml to 500 ml	

RESTRICTIONS AND PRECAUTIONS: Non-Grass Animal Feeds Group

- For either of the pests listed above, use the high rate under heavy pest pressure.
- Do not make more than 1 application per cutting.
- Observe a 0-day PHI.

MINT

Spray Volume for Mint: Apply in a minimum finished spray volume of 100 L/ha by ground.

SITE	PEST	RATE DUPONT™ CORAGEN™ insecticide /HA	SPECIFIC DIRECTIONS
MINT	Cabbage looper	250 ml	Begin applications when treatment thresholds have been reached. Thorough coverage is important to obtain optimum control.

RESTRICTIONS AND PRECAUTIONS: Mint

- Do not make more than 4 applications per season.
- Do not apply more than once every 14 days.
- Do not apply less than 3 days before harvest. Observe a 3-day PHI.
- Do not exceed a total of 1 litre DUPONT™ CORAGEN™ insecticide per ha per season.

OKRA

Spray Volume for Okra: Apply in a minimum finished spray volume of 100 L/ha by ground.

SITE	PEST	RATE DUPONT™ CORAGEN™ insecticide /HA	SPECIFIC DIRECTIONS
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OKRA	Beet armyworm Corn earworm	250 ml to 375 ml	Begin applications when treatment thresholds have been reached. Thorough coverage is important to obtain optimum control.
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RESTRICTIONS AND PRECAUTIONS: Okra

- For either of the pests listed above, use the high rate under heavy pest pressure.
- Do not make more than 4 applications per season.
- Do not apply more than once every 5 days.
- Do not apply less than 1 day before harvest. Observe a 1-day PHI.
- Do not exceed a total of 1.125 litres DUPONT™ CORAGEN™ insecticide per ha per season.

NOTE TO USER: READ THE FOLLOWING BEFORE USING THIS PRODUCT FOR SPECIAL USE APPLICATIONS:

The DIRECTIONS FOR USE for this product for the uses described below were developed by persons other than The E. I. du Pont Canada Company and accepted for registration by Health Canada under the User Requested Minor Use Label Expansion program. The E. I. du Pont Canada Company itself makes no representation or warranty with respect to product performance (efficacy) or crop tolerance (phytotoxicity) claims for this product when used on the crops listed below. Accordingly, the Buyer and User assume all risks related to performance and crop tolerance arising, and agree to hold The E. I. du Pont Canada Company harmless from any claims based on efficacy or phytotoxicity in connection with these uses.

FOR USE ON BRASSICA VEGETABLES - Crop Group 5

Spray Volume for Brassica Vegetables: Apply in a minimum finished spray volume of 100 L/ha by ground.

SITE	PEST	RATE DUPONT™ CORAGEN™ insecticide/HA	SPECIFIC DIRECTIONS
BRASSICA VEGETABLES Broccoli, Broccoli (Chinese), Broccoli raab, Brussels Sprouts, Cabbage, Cabbage (Chinese, bok choy), Cabbage (Chinese, napa), Cabbage (Chinese mustard, choy), Cauliflower, Cavalo broccolo, Collards, Kale, Kohlrabi, Mizuna, Mustard Greens, Mustard Spinach, Rape Greens	Swede midge	250 ml For optimum control, apply Hasten NT Spray Adjuvant* at an application rate of 0.25% v/v or MSO Concentrate with Leci-Tech* at an application rate of 0.5% v/v.	Begin applications when treatment thresholds have been reached. Thorough coverage is important to obtain optimum control. Monitor Swede midge activity every 2-4 days using Jackson traps baited with pheromone lures. Follow local threshold. Apply Coragen™ as soon as possible once the Swede midge threshold is reached. Applications on cabbage, Chinese cabbage (napa), cauliflower and Chinese broccoli (gai lon) must be made early in the growing season, before heads start to form. Given that there are multiple generations of Swede midge, several applications of insecticide (to a maximum of 4 per season) will likely be required.

RESTRICTIONS AND PRECAUTIONS: Brassica Vegetables

- Do not make more than 4 applications per season.
- Do not apply more than once every 3 days. For swede midge, make additional applications when monitoring indicates they are necessary, according to local thresholds.
- Do not apply less than 3 days before harvest. Observe a 3-day PHI.
- Do not exceed a total of 1 litre of DUPONT™ CORAGEN™ insecticide per ha per season.
- Do not apply by air.

FOR USE ON GREENHOUSE CUCUMBERS, GREENHOUSE PEPPERS, GREENHOUSE EGGPLANTS, AND GREENHOUSE TOMATOES

Spray Volume for Greenhouse Vegetables: For greenhouse tomatoes, the maximum finished spray volume is 1400 L/ha. For greenhouse cucumbers, greenhouse eggplants, and greenhouse peppers, the maximum finished spray volume is 2000 L/ha.

SITE	PEST	RATE DUPONT™ CORAGEN™ insecticide/1000 L finished spray volume	SPECIFIC DIRECTIONS
GREENHOUSE CUCUMBERS; GREENHOUSE PEPPERS; GREENHOUSE EGGPLANT; GREENHOUSE TOMATOES	Cabbage looper	125 ml	Begin applications when treatment thresholds have been reached. Thorough coverage is required to obtain optimum control. Repeat applications if monitoring indicates it is necessary

RESTRICTIONS AND PRECAUTIONS: Greenhouse Vegetables

- Do not make more than 3 applications per crop cycle.
- Do not apply more than once every 7 days.
- Do not apply less than 1 day before harvest. Observe a 1-day PHI.
- Do not exceed a total of 750 ml of DUPONT™ CORAGEN™ insecticide per ha per crop cycle.
- Do not allow effluent or runoff from greenhouses containing this product to enter lakes, streams, ponds or other waters.

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	Tuberous and corm vegetables, fruiting vegetables, leafy vegetables, brassica vegetables, cucurbit vegetables, corn, grass forage, fodder, and hay, non-grass animal feeds, mint and okra	1	1	1	0

AERIAL APPLICATION LABEL INSTRUCTIONS

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) fine 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 rotor span.

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
Aerial	Potato	Fixed Wing	15	1	1	0
	Corn (field, pop, seed and sweet)	Rotary wing	10	1	1	0

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 for Aerial Application

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 for Aerial Application

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 for Aerial Application

Read and understand the entire label before opening this product. If you have questions, call the manufacturer at 1-800-667-3925 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:

Apply the recommended rate in a minimum spray volume of 50 litres per hectare.

MIXING INSTRUCTIONS:

Spray equipment must be clean and free of previous pesticide deposits before applying DUPONT™ CORAGEN™ insecticide. Fill spray tank 1/4 to 1/2 full of water. Add DUPONT™ CORAGEN™ insecticide directly to spray tank. Mix thoroughly to fully disperse the insecticide; once dispersed continued agitation is required. Once the product has been well mixed, add an adjuvant, where applicable, while continuously mixing. Recommendations regarding the use of adjuvants are provided under the Directions for Use Section of this label. 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.

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.

PRECAUTIONS:

- **KEEP OUT OF REACH OF CHILDREN.**
- Wear long sleeves, long pants and chemical resistant gloves while mixing /loading, applying and during clean up and repair.
- 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.
- See the Aerial Application Label Instructions section of this label for additional precautions specific to aerial 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 website at www.croplife.ca.

ENVIRONMENTAL HAZARDS:

- 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.
- **DO NOT** apply this product directly to freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs, and wetlands), estuarine/marine habitats.
- **DO NOT** contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

RESISTANCE-MANAGEMENT RECOMMENDATIONS:

For resistance management, please note that DUPONT™ CORAGEN™ insecticide contains a Group 28 insecticide. Any insect population may contain individuals naturally resistant to DUPONT™ CORAGEN™ insecticide and other Group 28 insecticides. The resistant individuals may dominate the insect population if this group of insecticides are 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 DUPONT™ CORAGEN™ insecticide or other Group 28 insecticides with different groups that control the same pests in a field.

- 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, 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 DuPont Canada at 1-800-667-3925.

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.

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 1-800-441-3637 (24 hours).

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

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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