

EMERGENCY USE LABEL

CLUTCH™ INSECTICIDE

INSECTICIDE
WATER DISPERSIBLE GRANULES

FOR EMERGENCY USE ONLY. For sale and use in British Columbia for control of cabbage root maggot on rutabaga/turnip From April 15, 2009 until September 15, 2009.

GUARANTEE: Clothianidin..... 50%

KEEP OUT OF REACH OF CHILDREN

READ THE LABEL AND ATTACHED BROCHURE BEFORE USING

REGISTRATION NO.: 29311
PEST CONTROL PRODUCTS ACT

CAUTION – EYE IRRITANT

Net Contents: 0.5-10 kg

Valent Canada Inc.
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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.

FIRST AID:

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.

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 the person to fresh air. If the 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 SWALLOWED: Call a poison control centre or doctor immediately for treatment advice. Have the person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person.

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

TOXICOLOGICAL INFORMATION:

There is no specific antidote for this product. Treat symptomatically.

ENVIRONMENTAL HAZARDS:

This product is toxic to aquatic invertebrates. Do not apply when weather conditions favour drift from treated areas. Drift and runoff may be hazardous to aquatic organisms in neighbouring areas. Do not apply where runoff is likely to occur. Do not apply directly to freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs, ditches and wetlands), estuaries or marine habitats. Do not contaminate water when cleaning equipment or disposing of equipment washwaters or rinsate.

The use of this chemical may result in contamination of groundwater, particularly in areas where soils are permeable (e.g. sandy soil) and/or the depth to the water table is shallow.

Toxic to bees exposed to direct treatment, drift, or residues on flowering crops or weeds.

DO NOT apply this product to flowering crops or weeds if bees are visiting the treatment area. Minimize spray drift to reduce harmful effects on bees in habitats close to the application site.

Clothianidin is persistent and may carryover. It is recommended that any products containing clothianidin 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 soils are 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.

IN CASE OF EMERGENCY INVOLVING A POISONING OR MAJOR SPILL CALL

1-800-682-5368

PRECAUTIONS:

KEEP OUT OF THE REACH OF CHILDREN.

Causes slight to moderate eye irritation. DO NOT get into eyes. Avoid contact with eyes, skin or clothing. Wash hands thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

, During mixing, loading, application, clean-up and repair, wear a long-sleeved shirt, long pants, chemical-resistant gloves made of any waterproof material (such as butyl or nitrile), and shoes plus socks. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Wash hands before eating, drinking, and chewing gum, using tobacco or

using the toilet. Remove personal protection equipment (PPE) immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing. Keep and wash PPE separately from other laundry.

Apply only when the potential for drift to areas of human habitation or areas of 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.

Do not enter or allow entry into treated areas during the restricted entry interval (REI) of 12 hours after application.

Do not graze treated fields or feed treated forage or hay to livestock.

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

Product Specific Precautions

Read and understand the entire label before opening this product. If you have questions, call the manufacturer at 1-800-682-5368 or obtain technical advice from the distributor or your provincial agricultural representative. Apply the recommended rate in a minimum spray volume of 50 litres per hectare.

DISPOSAL/DECONTAMINATION:

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.

Container Disposal

Recyclable container

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. Empty container thoroughly into spray tank. 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 site in your area, dispose of the container in accordance with provincial requirements

STORAGE:

To prevent contamination store this product away from food or feed.

Keep pesticide in original container. Store in a cool, dry, secure, well ventilated area. Do not put formulation or dilute spray solution into food or drink containers. Do not store or transport near feed or food. Not for use or storage in or around the home.

RESISTANCE MANAGEMENT:

For resistance management, please note that CLUTCH INSECTICIDE contains a Group 4A insecticide. Any insect population may contain individuals naturally resistant to CLUTCH INSECTICIDE and other Group 4A 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 CLUTCH INSECTICIDE or other Group 4 or 4A insecticides with different groups that control the same pests in a field.
- 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 and to report suspected resistance, contact Valent Canada, Inc. at 1-800-682-5368 or at www.valent.ca.

DIRECTIONS FOR USE

GENERAL INFORMATION

CLUTCH INSECTICIDE is to be used as directed only for the control of cabbage root maggot (*Delia radicum*) on rutabaga/turnip.

As this product is not registered for the control of pests in aquatic systems, DO NOT use to control aquatic pests

DO NOT apply by air.

GENERAL INSTRUCTIONS

- Do not use a foliar application of CLUTCH INSECTICIDE following an in furrow or soil application of CLUTCH INSECTICIDE or following the use of another insecticide in the neonicotinoid class of chemistry (Group 4 or 4A Insecticide).

- Do not apply more than a total of 448 grams of CLUTCH INSECTICIDE per hectare per season.
- If the maximum seasonal limit of CLUTCH INSECTICIDE has been applied and the insect population requires additional treatments, use another registered insecticide that is not in the neonicotinoid class of chemistry (Group 4 or 4A Insecticide).
- Do not apply by air.

MIXING INSTRUCTIONS

1. Prior to mixing, clean the spray tank by following the sprayer clean-up recommendations on the previously sprayed product label.
2. Fill the spray tank one-half full of water and start agitation.
3. Add the required amount of CLUTCH INSECTICIDE to the tank.
4. Continue agitation while filling tank to the desired spray volume.
5. Maintain agitation during mixing and spraying. DO NOT allow the spray mixture to stand without agitation.
6. After use, thoroughly rinse and clean the spray tank. Flush the spray equipment thoroughly following each use and apply the rinsate to a previously treated area.

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

The DIRECTIONS FOR USE for this product for the use described in this section of the label were developed by persons other than Valent Canada, Inc. and accepted for registration by Health Canada under the Emergency Use Registration program. Valent Canada, Inc. itself makes no representation or warranty with respect to performance (efficacy) and/or crop tolerance (phytotoxicity) claims for this product when used in accordance with this label. Accordingly, the user assumes risk of damage or loss resulting from such use and agrees to hold Valent Canada, Inc. harmless from any claims based on efficacy and/or phytotoxicity in connection with the use described on this label.

DIRECTIONS FOR USE ON RUTABAGA/TURNIP – SOIL DRENCH APPLICATION		
Pest	Rate	Remarks
Cabbage root maggot (<i>Delia radicum</i>)	448 g / ha	<p>Apply CLUTCH INSECTICIDE as a soil applied drench application at 10 days after seeding.</p> <p>Use sufficient water volume (1100 – 1300 L/ha) to ensure thorough and uniform coverage, and to ensure optimal uptake and performance of CLUTCH INSECTICIDE.</p> <p>The length of control may vary due to climate and soil conditions.</p>

		If pest pressure begins to increase in the growing season, apply a registered insecticide with an alternate mode of action.
Do not make more than 1 application per season. Do not apply within 83 days of harvest. Do not follow a soil application with a foliar application of a Group 4 or 4A Insecticide.		

Clutch is a trademark of Sumitomo Chemical Co., Ltd..

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