

CUTLASS®

Wettable Powder Bioinsecticide

Active Ingredient:

Bacillus thuringiensis subspecies

kurstaki strain EG2371

Lepidopteran active toxin 10.0%

Inert Ingredients 90.0%

TOTAL 100.0%

1.6 oz. active ingredient per pound

CUTLASS® bioinsecticide is a biological insecticide for the control of lepidopteran pests.

KEEP OUT OF THE REACH OF CHILDREN

DANGER

Statement of Practical Treatment

If In Eyes: Flush with plenty of water. Call a physician.

If Swallowed: Call a Physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

If Inhaled: Remove to fresh air. Get medical attention.

If on Skin: Wash with soap and water.

PELIGRO

PRECAUCION AL USUARIO:

Si usted no lee ingles, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

Causes irreversible eye damage. Harmful if inhaled. Avoid breathing dust or spray mist. Harmful if swallowed. Do not get in eyes, on skin or on clothing. Applicators, mixers and loaders must wear goggles or face shield. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

ACCEPTED

OCT 22 1991

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EPA REG. No. 55638-8

EPA Est. No. 769-GA-1

Net Contents: 4 U.S. Pounds

ENVIRONMENTAL HAZARDS

Do not contaminate water when disposing of equipment washwaters.

Not for Use or Storage In or Around the Home.

RE-ENTRY STATEMENT

Do not apply this product in such a manner as to directly, or through drift, expose workers or other persons. The area being treated must be vacated by unprotected persons. Do not enter treated areas without protective clothing until sprays have dried.

Because certain states may require more restrictive re-entry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is a reason to believe that written warnings cannot be understood by workers. Written warnings must include the following information:
DANGER: Area treated with CUTLASS® on (date of application).
Do not enter without protective clothing.

Storage and Disposal

Do not contaminate water, food or feed by storage or disposal.

Storage:

Store in a cool, dry place inaccessible to children.

Pesticide Disposal:

Do not contaminate water when disposing of equipment washwaters. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Disposal:

Bag: Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke!



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CUTLASS®

Directions for Use

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

Preharvest Interval: There are no restrictions for applying CUTLASS up to the time of harvest.

CUTLASS® bioinsecticide is a selective insecticide for use against the lepidopteran larvae listed in the Application Rate table. Larvae must consume deposits of CUTLASS to be affected. Always follow these directions:

- Treat when larvae are young (early instars) and are actively feeding on exposed plant parts.
- Apply before foliar damage has occurred.
- Thorough spray coverage is essential for good insect control. Directed drop nozzles may be required for some crops.
- When insect infestations are heavy, use the higher label rates, shorten the spray interval, and/or use larger total spray volume to improve spray coverage.
- Repeat applications at an interval sufficient to maintain control, usually 3-14 days depending on plant growth, insect activity and weather conditions after spraying.
- For improved durability of spray deposits, an approved spreader/sticker is strongly recommended for hard-to-wet crops such as cole crops.
- After consuming a lethal dose of CUTLASS, larvae will cease feeding, but may remain on the foliage until they die within several days. Dying larvae move slowly, discolor, shrivel and blacken prior to death.
- Local conditions may affect the use of CUTLASS. Consult State Agricultural Extension Specialists for specific recommendations related to local crop protection problems.

Application Instructions

CUTLASS bioinsecticide may be applied with conventional ground or aerial application equipment with quantities of water sufficient to provide thorough coverage of infested plants. Do not apply this product through any type of irrigation system. To obtain a suitable mixture with water, add enough water to allow maximum agitation. With agitator running, slowly add in the CUTLASS. Continue agitation. Then add remainder of water and other spray materials and agitate until mixed. Maintain suspension while loading and spraying. Do not mix more CUTLASS than can be used in a 12-hour period. Rinse and flush spray equipment thoroughly following each use. Do not contaminate water when disposing of equipment washwaters.

APPLICATION RATE

Crop	Pest	
* Asparagus * Beans * Beets Bok Choy Broccoli Brussels sprouts Cabbage Cauliflower Celery Chicory Collards * Cucumber Escarole * Endive Horseradish	Kale Lettuce: Head, Leaf, Romaine Mustard greens Parsnips * Peas Peppers Radishes * Spinach * Strawberries * Sugar Beets Swiss Chard Tomatoes Turnips Watercress	Armyworms Beet armyworm Cabbage looper Cabbage webworm Cross-striped cabbageworm Diamondback moth Imported cabbageworm
* Alfalfa, Hay & Seed		Alfalfa caterpillar Armyworms Loopers
* Tobacco		Tobacco budworm Tobacco hornworm
Rate to Apply ¹ 1.0 to 3.0 lbs of product per acre		

¹For ground applications, use at least 20 gallons of water per acre. For aerial applications, use at least 5 gallons of water per acre.

* Does not apply to State of California

Warranty and Conditions of Sale

Ecogen warrants that this product conforms to the description on this label and is reasonably fit for the purposes stated on this label when used in accordance with the directions on this label under normal conditions of use.

ECOGEN MAKES NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

If this product is defective, Buyer's exclusive remedy shall be the replacement of the product, or if replacement is impracticable, refund of the purchase price. In no case will Ecogen be liable for incidental, consequential or special damages resulting from the handling, storage or use of this product.