

CUTLASS^R
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^R is a biological insecticide for the control of lepidopteran pests.

KEEP OUT OF REACH OF CHILDREN
CAUTION

STATEMENT OF PRACTICAL TREATMENT

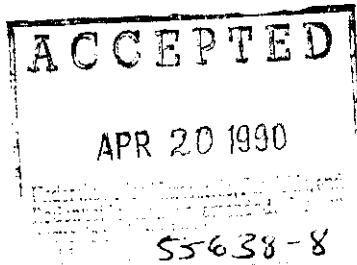
If Swallowed: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

If in eyes: Flush eyes with plenty of water. Call a physician if irritation persists.

EPA Reg. No. 55638-8
EPA Est. No. 769-GA-1

Ecogen Inc.
2005 Cabot Blvd West
Langhorne, PA 19047-1810

Net Contents 4 U.S. Pounds



PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS and Domestic Animals

Harmful if swallowed. May causes eye irritation. Avoid contact with eyes. In case of contact immediately flush eyes with plenty of water. Get medical attention if irritation persists.

Applicators, mixers, and loaders must wear goggles. Wash thoroughly with soap and water after handling.

ENVIRONMENTAL HAZARDS

Do not apply directly to water or wetlands (swamps, bogs, marshes, and potholes). Do not contaminate water when disposing of equipment washwaters.

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!

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^R bioinsecticide up to the time of harvest.

Cutlass^R is a selective insecticide for use against the lepidopteran larvae listed below. Larvae must consume deposits of Cutlass^R to be affected. Always follow these directions:

- o Treat when larvae are young (early instars) and are actively feeding on exposed plant parts.
- o Apply before foliar damage has occurred.
- o Thorough spray coverage is essential for good insect control. Directed drop nozzles may be required for some crops.

- o 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.
- o Repeat applications at an interval sufficient to maintain control, usually 3-14 days depending on plant growth, insect activity, and weather conditions after spraying.
- o For improved durability of spray deposits, an approved spreader/sticker is strongly recommended for hard-to-wet crops, such as cole crops.
- o After consuming a lethal dose of Cutlass^R, 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.
- o Local conditions may affect the use of Cutlass^R. Consult State Agricultural Extension Specialists for specific recommendations related to local crop protection problems.

Application Instructions

Cutlass^R bioinsecticide may be applied with conventional ground or aerial equipment with quantities of water sufficient to provide thorough coverage of infested plants. To obtain a suitable mixture with water, add enough water to allow maximum agitation. With agitator running, slowly add in the Cutlass^R. 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^R 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.

Crop	Pest
Asparagus Beans Beets Bok Choy Broccoli Brussel sprouts Cabbage Cauliflower Celery Chicory Collards Cucumber Escarole Endive Horseradish Kale Lettuce (Head, Leaf, Romaine) Mustard Greens Parsnips Peas Peppers Radishes Soybeans Spinach Sugar Beets Swiss chard Tomatoes Turnips Strawberries Watercress	Armyworms Beet armyworm Cabbage looper Cabbage webworm Cross striped cabbageworm Diamondback moth Fall armyworm Imported cabbageworm
Cotton	Armyworms, Cabbage looper
Alfalfa, Hay & Seed	Alfalfa Caterpillar, Armyworms, Loopers
Tobacco	Tobacco budworm, Tobacco hornworm
Rate to Apply ¹	1.0 to 2.0 lbs/acre



1 For ground applications, use up to 100 gallons of water per acre. For aerial applications, use up to 10 gallons of water per acre.

Warranty and Conditions of Sale

Ecogen warrants that this product conforms to the description of 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 for 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.

Cutlass^R is a trademark of Ecogen Inc.
Patent Pending
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