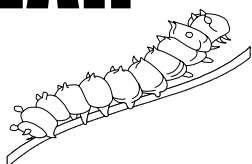


**NOTE: This is a specimen label for electronic distribution. Always refer to product label on container for specific directions for use.**



# CATERPILLAR CLOBBER

**BIOINSECTICIDE**



**AQUEOUS FLOWABLE BASED ON THE CELLCAP® ENCAPSULATION SYSTEM**

For control of caterpillar pests on vegetables, fruits, nuts, grapes, turf, stored products, and ornamentals.

**ACTIVE INGREDIENT**

A blend of CryIA(c) and CryIC derived delta endotoxins of *Bacillus thuringiensis* encapsulated in killed *Pseudomonas fluorescens* ..... 12%

**INERT INGREDIENTS** ..... 88%

**TOTAL** ..... 100%

One gallon of this product contains 1.05 lbs. of delta endotoxins of *Bacillus thuringiensis* encapsulated in killed *Pseudomonas fluorescens*.

EPA Registration No. 53219-10-54705 EPA Establishment No. 48498-CA-01

CellCap is a trademark of Mycogen Corporation. The CellCap encapsulation system is protected by U.S. Patent Number 4,695,455. U.S. Patent Numbers 5,128,130 and 5,246,852 and 5,126,133 and other patents pending.

Manufactured for:  
**Lawn and Garden Products, Inc.**  
 P.O. Box 35000  
 Fresno, California 93745  
 (559) 499-2100

**KEEP OUT OF REACH OF CHILDREN  
 CAUTION**

Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.

**Statement of Practical Treatment:** If in eyes, flush with plenty of water. Get medical attention if irritation persists. Wash thoroughly with soap and water after handling.

**PRECAUTIONARY STATEMENTS**

**Hazards to Humans and Domestic Animals:** May cause skin sensitization reactions in certain individuals. Avoid contact with eyes, skin or clothing.

**Environmental Hazards:** Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water by cleaning of equipment or disposal of equipment washwaters.

**Personal Protective Equipment:** Applicators and other handlers must wear: long-sleeved shirt and long pants, waterproof gloves, and shoes plus socks.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

**User Safety Recommendations:** Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

**NON-AGRICULTURAL USE REQUIREMENTS**

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

**GENERAL INFORMATION**

**Mode of Action:** This product is an insect stomach poison which must be eaten by targeted pests to be effective. Within seconds of ingestion, the active ingredient is dissolved and instantly begins destroying the insect's digestive tract. Insects stop feeding immediately after eating this product. Death occurs 1-5 days later due to disintegration of the digestive tract and the resulting starvation.

**Pre-harvest Interval:** This product can be applied up to the day of harvest (zero days to harvest).

**Insects Controlled:** This product controls the listed caterpillar (e.g., "larval") pests, including those resistant to synthetic chemical pesticides. The selected toxins in this product are highly potent against *Spodoptera*, *Heliothis/Helicoverpa*, and *Plutella* pest species.

**Beneficial Insects:** This product does not harm beneficial insects (honeybees, lacewings, parasitic wasps, ladybird beetles, predatory beetles, flies, etc.)

**Application Timing**

- Always target newly hatched or small larvae with spray applications so that insects are controlled before they cause extensive feeding damage. Make applications before older larvae tunnel or bore into buds, heads, stalks, or fruits and begin feeding inside the plant or fruit. Once larvae are protected inside the plant, they will be difficult to control with this, or other foliar applied products.
- Make the first application as soon as larvae begin to hatch. Repeat applications as needed to maintain larval control.

**Mixing and Application**

- Fill spray tank 3/4 full with water and add recommended amount of this product to tank. Mix thoroughly while adding remainder of water.
- Thorough coverage of the foliage is NECESSARY for optimal performance of this product. Use sufficient volume of water to thoroughly wet upper and lower leaf surfaces. Do not apply to runoff. All application techniques and equipment should result in uniform and complete coverage of all leaf surfaces on the plant. Control of target insects is achieved only when susceptible stages of the insect eat the treated plant. Skips, streaks or untreated foliage below the canopy surface will result in reduced pest control.

**Hand Held Spray Application Equipment**

- Spray to wet but not to runoff. Time the application as recommended in Application Timing section.
- For mixing small volumes, use 3 to 6 tablespoons. (1.5 fl oz. to 3 fl oz.) of this product per gallon of water.

**VEGETABLES (Leafy, Root and Tuber, Cucurbit and Brassica (cole) crops plus Artichokes, Asparagus, Okra and Watercress)**

<b>SUCH AS:</b>	<b>INSECT PESTS</b>
Artichoke	Alfalfa looper
Asparagus	Armyworms
Beet	Artichoke plume moth
Bok choy	Beet armyworm
Broccoli	Cabbage budworm
Broccoli raab	Cabbage looper
Brussels sprouts	Cabbage webworm
Cabbage	Celery leaftier
Cardoni	Corn earworm
Carrot	Cross-striped cabbage worm
Casaba	Diamondback moth
Cauliflower	European corn borer
Celeriac	Fall armyworm
Celery	False celery leaftier
Chicory	Green cloverworm
Chinese broccoli	<i>Heliothis/Helicoverpa</i> spp.
Chinese cabbage	Hornworms
Cucumber	Imported cabbageworm
Eggplant	Leafrollers
Endive	Loopers
Escarole	Melonworm
Garlic	Omnivorous leafroller
Greens (collard, mustard)	Pickleworm
Green onion	Potato tuberworm
Horseradish	Rindworms
Kale	Saltmarsh caterpillar
Kohlrabi	Southwestern corn borer
Leek	Soybean looper
Lettuce	Tobacco budworm
Melons (Crenshaw, cantaloupe, honey ball, honeydew, melon hybrid, muskmelon, Persian, watermelon)	Tomato fruitworm
Napa cabbage	Tomato pinworm
Okra	Velvetbean caterpillar
Onion	Webworms
Parsley	Yellowstriped armyworm
Parsnip	
Pepper	
Potato	
Pumpkin	
Radish	
Redikio	
Rutabaga	
Salsify	
Shallot	
Spinach	
Squash (Summer, Winter)	
Sugar beet	
Sweet potato	
Swiss chard	
Tomato	
Turnip	
Upland cress	
Watercress	
Yam	

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**SMALL FRUITS AND BERRIES**

<b>SUCH AS:</b>	<b>INSECT PESTS</b>
Blackberry	Achemon sphinx moth
Blueberry	Armyworms
Caneberry	Blueberry leafroller
Cranberry	Blueberry spanworm
Currant	Brown spanworm
Grape	Cabbage looper
Raspberry	Carob moth
Strawberry	Cherry fruitworm
	Cutworms
	Fruittree leafroller
	Green fruitworm
	Grape berry moth
	Grape leafroller
	Gypsy moth
	Leafrollers
	Loopers
	Obliquebanded leafroller
	Omnivorous leafroller
	Orange tortrix
	Roughskinned cutworm
	Saltmarsh caterpillar
	Tobacco budworm
	Western grape leaf skeletonizer

**NUTS, POME FRUIT, STONE FRUIT and CITRUS**

<b>SUCH AS:</b>	<b>INSECT PESTS</b>
Almond	Cankerworm
Apple	Carob moth
Apricot	Citrus cutworm
Cherry	Codling moth
Chestnut	Cutworms
Citrus citron	Fall webworm
Filbert	Filbert leafroller
Grapefruit	Filbert webworm
Kumquat	Filbertworm
Lemon	Fruittree leafroller
Lime	Garden tortrix
Nectarine	Grape leafroller
Orange	Green fruitworm
Pecan	Gypsy moth
Peach	Humped green fruitworm
Pear	Leafrollers
Persimmon	Navel orangeworm
Pistachio	Obliquebanded leafroller
Plum	Omnivorous leafroller
Pomegranate	Orange tortrix
Prune	Oriental fruit moth
Quince	Pandemis leafroller
Tangelo	Peach twig borer
Tangerine	Pecan nut case bearer
Walnut (English, Black)	Redbanded leafroller
	Redhumped caterpillar
	Roughskinned cutworm
	Speckled green fruitworm
	Tent caterpillar
	Tufted apple budmoth
	Variiegated leafroller
	Walnut caterpillar
	Western tussock moth

**SPECIAL INSTRUCTIONS - CORN**

Use this product when larvae are exposed and good coverage is possible. For control of armyworms, make the first application as soon as larvae begin to hatch or evidence of feeding in the whorls or leaves is observed. Begin treatment for corn earworm when upper ears begin silking. Multiple applications and highest labeled rates may be needed to control heavy infestations of armyworm or corn earworm.

**HERBS AND SPICES**

<b>SUCH AS:</b>	<b>INSECT PESTS</b>
Anise	Armyworms
Arugala	Beet armyworm
Basil	Cutworms
Bay leaf	Diamondback moth
Chamomile	European corn borer
Chives	Fall armyworm
Cilantro	Green cloverworm
Coriander	<i>Heliothis/Helicoverpa</i> spp.
Dill	Imported cabbageworm
Fennel	Loopers
Marjoram	Saltmarsh caterpillar
Mint	
Oregano	
Peppermint	
Sage	
Tarragon	
Thyme	
Wintergreen	

**LEGUMES**

<b>SUCH AS:</b>	<b>INSECT PESTS</b>
Beans	Armyworms
<i>Phaseolus</i> spp.	Beet armyworm
<i>Lupinus</i> spp.	Cabbage looper
<i>Vigna</i> spp.	Cutworms
Chick pea	Diamondback moth
Cowpea	Green cloverworm
Fava bean	<i>Heliothis/Helicoverpa</i> spp.
Garbanzo beans	Loopers
Jackbean	Podworm
Lentil	Saltmarsh caterpillar
Peas	Soybean looper
Pigeon pea	Velvetbean caterpillar

**TURF, FLOWERS, BEDDING AND INDOOR PLANTS (Including Home Greenhouse) - Production and Maintenance**

<b>SUCH AS:</b>	<b>INSECT PESTS</b>
Bedding plants	Armyworms
Flowers	Azelea moth
Ornamentals	Cabbage moth
Turf	Cutworms
	Diamondback moth
	Ello moth
	Fall armyworm
	Fiery skipper
	Leafrollers
	Lo moth
	Loopers
	Oleander moth
	Omnivorous leafroller
	Omnivorous looper
	Sod webworms
	Tobacco budworm

**SPECIAL INSTRUCTIONS - TURF**

This product can be used at a rate of 1 to 4 ounces per 1000 square feet.

**LANDSCAPE TREES AND SHRUBS**

<b>SUCH AS:</b>	<b>INSECT PESTS</b>
Landscape trees	Armyworms
Shrubs	Bagworm
	Blackheaded budworm
	Browntail moth
	Buckmoth caterpillar
	California oakworm
	Cankerworm
	Douglas fir tussock moth
	Elm spanworm
	Fall webworm
	Fruittree leafroller
	Greenstriped mapleworm
	Gypsy moth
	Jack pine budworm
	Mimosa webworm
	Pine butterfly
	Redhumped caterpillar
	Saddleback caterpillar
	Spruce budworm
	Tent caterpillar
	Tortrix
	Western tussock moth

**TROPICAL AND OTHER FRUIT**

<b>SUCH AS:</b>	<b>INSECT PESTS</b>
Avocado	Amorbia
Banana	Banana skipper
Date	<i>Batrachedra comosae</i>
Fig	Cabbage looper
Kiwi Fruit	Carob moth
Persimmon	Citrus cutworm
Pomegranate	Fall webworm
Pineapple	Filbert webworm
	Indian meal moth
	Leafrollers
	Loopers
	Omnivorous leafroller
	Omnivorous looper
	Orange tortrix
	Raisin moth
	Redhumped caterpillar
	Spanworm
	Tent caterpillars
	Thecla basilides

**SPECIAL INSTRUCTIONS - TROPICAL AND OTHER FRUIT**

Application water volume should be sufficient to ensure good coverage of plant surfaces.

**STORAGE AND DISPOSAL**

Do not contaminate water, food or feed by storage or disposal. **Storage:** Keep container unopened until use. Store unused product in original container. This product should be stored at temperatures between 35° and 90° F. **Pesticide Disposal:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. **Container Disposal:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**WARRANTY AND CONDITIONS OF SALE**

Lawn and Garden Products, Inc. warrants that this product conforms to the description on this label and is reasonably fit for the purpose stated on this label when used in accordance with the directions on this label under normal conditions of use.

Lawn and Garden Products, Inc. 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 Lawn and Garden Products, Inc. be liable for incidental, consequential, or special damages resulting from the handling, storage or use of this product.