

# Colorado Potato Beetle

Beater

*C · o · n · c · e · n · t · r · a · t · e*

ACTIVE INGREDIENTS: **MAKES 10 GALLONS**

Bacillus thuringiensis subspecies tenebrionis Coleopteran Active Toxin . . . . .	3.0%
INERT INGREDIENTS: . . . . .	97.0%
TOTAL . . . . .	100.0%

POTENCY: 15,000 Leptinolarsa Units (LTU) per gram of product equivalent to 16.3 Million LTU's per quart of product. Potency units should not be used to adjust use rates beyond those specified in the Directions for Use section.

EPA Est. No. 4-NY-1, EPA Reg. No. 275-118-4

The last digit in the lot No. indicates EPA Establishment location.

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

(See Back Panel for Additional Precautionary Statements)

**Net Contents 16 FL. OZ. (1 Pt.) (473 ML.)**

TRUSTED SINCE 1926  
**BONIDE®**



**For controlling  
Colorado  
Potato Beetles  
on potatoes,  
tomatoes and  
eggplants. Also  
controls Elm  
Leaf Beetles on  
shade trees and  
ornamentals.**

**COLORADO POTATO BEETLE BEATER  
Concentrate**

**FOR THE CONTROL OF COLORADO POTATO BEETLE  
ON Potatoes, Tomatoes, Eggplant, and Elm Leaf Beetle  
on Shade Trees and Ornamentals.**

BN

Store and transport in an upright position.

EPA Est. No. 4-NV-1 EPA Reg. No. 275-118-4  
Buyers Guarantee Limited to Label Claims.

Distributed by  
**BONIDE PRODUCTS, INC.**  
Oriskany, NY 13424

**DIRECTIONS FOR USE**

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

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS—CAUTION**

Causes moderate eye injury (irritation). Harmful if absorbed through the skin. Avoid contact with skin, eyes and clothing.

**USER SAFETY STATEMENTS**

Users should: Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.

**PERSONAL PROTECTIVE EQUIPMENT**

Some materials that are chemical-resistant to this product are listed below, if you want more options, follow the instructions for category C on an EPA chemical resistance category chart. Applicators and other handlers must wear long-sleeved shirt and long pants, chemical-resistant gloves such as barrier laminate or butyl rubber or nitrile rubber or neoprene rubber or polyvinyl chloride or viton, 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.

**ENVIRONMENTAL HAZARDS**

Do not contaminate water when disposing of equipment washwaters. For terrestrial uses, do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark.

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**FIRST AID**

**If on skin:** Wash with plenty of soap and water. Get medical attention if irritation persists.

**If on eyes:** Flush with plenty of water. Call a physician if eye irritation persists.

**HOMEOWNER USE ONLY**

Do not apply this product through any type of irrigation system. 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.

**GENERAL USE INSTRUCTIONS**

Colorado Potato Beetle Beater is a highly effective biological insecticide containing the active protein crystal produced by *Bacillus thuringiensis* subspecies *tenebrionis*. Colorado Potato Beetle Beater is recommended for use

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against the larval stage of the Colorado Potato Beetle, *Leptinotarsa decemlineata*, and the Elm Leaf Beetle, *Pyrrhalta luteola*. Colorado Potato Beetle Beater is most effective against first and second instar larvae. Therefore, applications should be timed to coincide with the first egg hatch of the target pest. Applications should be followed by close scouting for signs or reinfestations. Reapply as necessary to maintain control.

Due to its unique mode of action, Colorado Potato Beetle Beater must be ingested by the target insect larvae to be effective. Therefore, thorough coverage of the crop to be protected is essential for best results. Upon ingestion, the protein is activated under the specific gut conditions of the target insect causing general gut paralysis and cessation of feeding within hours. Death occurs in 2-5 days.

When larvae and adult beetles are present an effective adulticide with rapid knockdown activity should be used.

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**MIXING:** Shake Colorado Potato Beetle Beater thoroughly before use. Fill spray or mixing tank half full of water and begin agitation. Add the recommended amount of Colorado Potato Beetle Beater into water while maintaining agitation. Add other spray materials, if any and balance of water. Do not allow diluted spray to remain in the tank for more than 72 hours.

While Colorado Potato Beetle Beater is formulated to provide desirable coverage and adherence to crop surfaces, additional adjuvants, spreaders, or stickers may be added to improve product performance, especially under rainy conditions or heavy dew. Avoid application if rainfall is imminent. Combinations with commonly used insecticides, fungicides, or other spray tank adjuvants are generally not deleterious to Colorado Potato Beetle Beater if the tank mix is used promptly. Before mixing in the spray tank, it is advisable to test physical compatibility by mixing all components in a small container in proportionate quantities.

Use of tank mixes should be in accordance with the most restrictive of label limitations and precautions. No label dosage rated should be exceeded. This product cannot be mixed with any product containing a label prohibition against such mixing.

**Application Volume:** Colorado Potato Beetle Beater may be applied by ground equipment with sufficient quantities of water to provide thorough coverage of plant parts to be protected. The amount of water needed per sq. ft. will depend upon crop size, weather, spray equipment and local experience.

**Ground Application:** The Colorado Potato Beetle Beater application rate depends on the population pressure and the stage of the larvae development. For light to moderate populations of early instar larvae (newly hatched to 1/4 inch in length) mix 2 to 6 tablespoons in a gallon of water and apply to 1360 sq. ft. Against heavy infestations of early instar larvae mix 4 to 6 tablespoons in a gallon of water and

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apply to 1360 sq. ft. When mixed populations of younger and older larvae are present, mix 4 to 8 tablespoons in a gallon of water and apply to 1360 sq. ft.

### STORAGE AND DISPOSAL

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

**Storage:** Store in a cool place. Storage at temperatures between 40° and 50° F. is recommended for maximum product stability. Storage at temperatures above 90° F. for an extended period of time should be avoided.

Keep containers tightly closed when not in use.

**Pesticide Disposal:** Pesticide waste resulting from the use of this product may be disposed of on site or at an approved waste disposal facility in accordance with federal and local regulations.

**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.

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### NOTICE OF WARRANTY

BONIDE PRODUCTS, INC. MAKES NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY PURPOSE, OR OTHERWISE, EXPRESSED OR IMPLIED, concerning this product or its uses which extend beyond the use of the product under normal conditions in accord with the statements made on this label. In no case shall the seller be liable for consequential or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the buyer.

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