

# BACILLUS THURINGIENSIS (BT) THURICIDE® CONCENTRATE

**CONTROLS** redhumped caterpillars, cabbage looper, omnivorous and fruit tree leaf roller...

**USE** on broccoli, cabbage, mustard greens, melons, tomatoes and others as listed...

**MIX** ½ to 4 tsp. per gallon of water.

**Mixture ratios vary. Read and use according to label directions.**

**APPLY** using hose-end or pressurized sprayers. Can be applied up to day of harvest.

Store and transport in an upright position.  
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EPA Est. No. 4-NY-1 EPA Reg. No. 4-226

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## DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. For residential use in vegetable gardens and on fruits, shade trees and ornamentals.

## GENERAL INFORMATION

This product is a bacterium which is selectively toxic to many moth and butterfly larvae (Caterpillars). The insects stop feeding and die within 2 - 3 days of ingestion. This product may be applied up to the day of harvest.

**Apply at first sign of infestation, and repeat at weekly intervals as needed to maintain control.**

This product may be applied by hose-end sprayers, pressurized hand sprayers, or mist blowers. Apply thoroughly to upper and lower leaf surfaces, but not to the point of excessive run-off. Reapply after heavy rains. Agitate regularly while spraying.

Do not apply through any type of irrigation system.

## MIXING

Shake or stir thoroughly before use. Following use rates given on this label, add product to water in jar or tank while shaking or stirring. A sticker and evaporation retardant (such as molasses) may be added to the spray mix. Do not store diluted spray mix for more than 12 hours.

## SHADE TREES & ORNAMENTALS

Use at the rate of 4 teaspoons/gal. of water to control the following leaf-eating worms:

Bagworm    Spring Cankerworm    Fall Cankerworm  
Gypsy Moth\*    Tent Caterpillar    Elm Spanworm  
Fall Webworm

\*Gypsy Moth - Apply when caterpillars are small (2nd or 3rd instars), and repeat treatment in two weeks.

## VEGETABLES, FRUITS & NUTS

Crop	Pest	Rate (tsp./gal. water)
Almonds	redhumped caterpillar, tent caterpillar	2 - 4
Apples, Pears Apply when eggs or newly hatched larvae first appear	redbanded leafroller, tufted apple budmoth, variegated leafroller, tent caterpillar, fruit tree leafroller, gypsy moth	2 - 4
Broccoli, Brussels Sprouts, Cabbage, Cauliflower, Collards, Kale, Mustard Greens, Turnip Greens	cabbage looper	2 - 4
	imported cabbage worm, green cloverworm	1 - 3
	diamondback moth	1 - 2
Beans, Beets, Carrots, Celery, Chard, Chinese Cabbage, Endive, Escarole, Garlic, Kohlrabi, Lentils, Lettuce, Onions, Parsley, Radishes, Spinach, Squash	cabbage looper	2 - 4

## VEGETABLES, FRUITS & NUTS Cont.

Crop	Pest	Rate (tsp./gal. water)
Cherries	tent caterpillar	2 - 4
Cucumbers, Melons, Potatoes	cabbage looper	2 - 4
Currants, Blueberries, Caneberries, (Blackberries, Dewberries, Raspberries) Begin treatment as soon as possible after hatching and before larvae are protected by leaf folds.	omnivorous leafroller	2 - 4
Eggplant, Peppers, Tomatoes	tomato hornworm	1 - 3
	tomato fruitworm (suppression only), cabbage looper	2 - 4
Filberts	tent caterpillar, filbert leafroller	2 - 4
Watermelons (Florida)	rindworm complex	1 - 3
Grapes Begin treatment as soon as possible after hatching and before larvae are protected by leaf folds	grape leaf roller	2 - 4
	omnivorous leaf roller	1 - 3
Mint	cabbage looper	2 - 4
Strawberries	cabbage looper, roughskinned cutworm	2 - 4
Oranges	fruit tree leaf roller, citrus cutworm	2 - 4
	orange dog	1 - 2

**VEGETABLES, FRUITS & NUTS Cont.**

<b>Crop</b>	<b>Pest</b>	<b>Rate (tsp./gal. water)</b>
Peaches, Nectarines	redhumped caterpillar, tent caterpillar, omnivorous leafroller	2 - 4
Pecans	redhumped caterpillar, fall webworm, tent caterpillar	2 - 4
Walnuts	redhumped caterpillar*	½ - 2
	tent caterpillar, fall webworm, omnivorous leafroller	2 - 4

\*Not for this use in California

**STORAGE AND DISPOSAL**

**Storage:** Store and transport in an upright position. Store in a cool dry area inaccessible to children or pets.

**Disposal:** *If empty* - Nonrefillable container. Do not reuse or refill this container. Place in trash or offer for recycling if available. *If partly filled* - Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

## FIRST AID

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact the National Pesticide Information Center at 1-800-858-7378 for emergency medical treatment information.

### If Inhaled:

- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.
- Call a poison control center or doctor for further treatment advice.

### 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 center 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 center or doctor for treatment advice.

### If Swallowed:

- Immediately call a poison control center or doctor.
- Do not induce vomiting unless told to do so by the poison control center or doctor.
- Do not give any liquid to the person.
- Do not give anything by mouth to an unconscious person.

## **PRECAUTIONARY STATEMENTS**

### **HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION:** Harmful if swallowed or inhaled. Avoid breathing vapors or spray mist. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove contaminated clothing and wash clothing before reuse. Mixers, loaders and applicators must wear a dust/mist filtering respirator meeting NIOSH standards of at least N-95, R-95 or P-95. Repeated exposure to high concentrations of microbial proteins can cause allergic sensitization.

### **ENVIRONMENTAL HAZARDS**

To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage systems. This product must not be applied within 300 feet of any habitats of endangered or threatened lepidoptera (i.e., moths or butterflies).

For information on pesticide products (including health concerns, medical emergencies, or pesticide incidents), call the National Pesticide Information Center at 1-800-858-7378.

NOTE: Seller warrants that this product complies with the specifications expressed in this label. To the extent consistent with applicable law, Seller makes no other warranties, and disclaims all other warranties, express or implied, including but not limited to warranties of merchantability and fitness for the intended purpose. To the extent consistent with applicable law, Seller's liability for default, breach or failure under this label shall be limited to the amount of the purchase price. To the extent consistent with applicable law, seller shall have no liability for consequential damages.

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