



**BACILLUS THURINGIENSIS (BT)**  
MOTH LARVAE (CATERPILLAR) CONTROL

**NATURAL - ORGANIC**

EPA REG. NO. 4216

ACTIVE INGREDIENTS

Spore suspension of <i>Bacillus thuringiensis</i> (Berliner variety of 8 Q-01 G)	8.5%
Water-soluble salts	3.5%
<b>INERT INGREDIENTS</b>	<b>88.0%</b>

Reg. Trade Name of Sandoz Chemical, Inc.

KEEP OUT OF REACH OF CHILDREN

**CAUTION**

See side panel for additional precautionary statements

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Moth Larvae (Caterpillar) Control, EPA Reg. No. 4-226

PRECAUTIONARY STATEMENT  
CAUTION

ENVIRONMENTAL HAZARDS

Keep out of lakes, streams or ponds. Do not contaminate water by cleaning of equipment or by disposal of wastes.

DIRECTIONS FOR USE

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

STORAGE AND DISPOSAL

Store in a cool, dry place, and in an area inaccessible to children or pets.

Securely wrap container in newspaper and place in trash collection.

GENERAL INFORMATION

Bonide Natural-Organic Bacillus Thuringiensis (BT) 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. There is no residue problem, and being exempt from tolerance requirements, this product may be applied at recommended amounts up to the day of harvest.

Apply at first sign of infestation, and repeat at weekly intervals as needed to maintain control. Bonide BT may be applied by hose or pressurized sprayers, mist blowers or by aerial application. Apply thoroughly to upper and lower leaf surfaces, but not to the point of excessive run-off.

Mixing: Shake or stir thoroughly before use. Add recommended amount of 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.

Gypsy Moth - To use on trees infested with gypsy moth caterpillars, apply when caterpillars are small (2nd or 3rd instars), and repeat treatment in two weeks. Use at the rate of 4 teaspoons/gal. water (or 2 qts. in sufficient water/acre).

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CROP	PEST	AMOUNT
ALFALFA	alfalfa caterpillar	$\frac{1}{2}$ tsp./gal. water (or $\frac{1}{2}$ qt. in sufficient water/acre)*
BROCCOLI, BRUSSELS SPROUTS, CABBAGE, CAULIFLOWER, COL- LARDS, KALE, MUSTARD GREENS, TURNIP GREENS	cabbage looper	2-4 tsp./gal. water (or 1-2 qts. in suf- ficient water/acre)*
	imported cabbage worm	1-3 tsp./gal. water (or $\frac{1}{2}$ -1 $\frac{1}{2}$ qts. in suf- ficient water/acre)*
BEANS, CELERY, LETTUCE, SPINACH	cabbage looper	2-4 tsp./gal. water (or 1-2 qts. in suf- ficient water/acre)*
MELONS, POTATOES CUCUMBERS (Southeast only)	cabbage looper	1-3 tsp./gal. water (or $\frac{1}{2}$ -1 $\frac{1}{2}$ qts. in suf- ficient water/acre)*
COTTON (Arizona, California)	cabbage looper	2-4 tsp./gal. water (or 1-2 qts. in suf- ficient water/acre)*
TOBACCO	cabbage looper	2-3 tsp./gal. water (or 1-1 $\frac{1}{2}$ qts. in suf- ficient water/acre)*
	tobacco budworm, tobacco hornworm	1-2 tsp./gal. water (or $\frac{1}{2}$ -1 $\frac{1}{2}$ qts. in suf- ficient water/acre)*
TOMATOES	cabbage looper	1-3 tsp./gal. water (or 1-1 $\frac{1}{2}$ qts. in suf- ficient water/acre)*
	tomato hornworm	1-2 tsp./gal. water (or $\frac{1}{2}$ -1 $\frac{1}{2}$ qts. in suf- ficient water/acre)*
WATERMELONS (Florida)	rindworm complex	1-2 tsp./gal. water (or $\frac{1}{2}$ -1 $\frac{1}{2}$ qts. in suf- ficient water/acre)*
GRAPES	grape leaf folder	2-4 tsp./gal. water (or 1-2 qts. in suf- ficient water/acre)*
	omnivorous leaf roller (California)	1-3 tsp./gal. water (or $\frac{1}{2}$ -1 $\frac{1}{2}$ qts. in suf- ficient water/acre)*
ORANGES (Ground application only - Arizona and California)	fruit tree leafroller	2-4 tsp./gal. water (or 1-2 qts. in suf- ficient water/acre)*
	orange dog	1-1 $\frac{1}{2}$ tsp./gal. water (or $\frac{1}{2}$ -1 $\frac{1}{2}$ qts. in suf- ficient water/acre)*
WALNUTS (Ground application only - California)	redhumped caterpillar	$\frac{1}{2}$ -2 tsp./gal. water (or $\frac{1}{4}$ -1 qt. in suf- ficient water/acre)*

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\*Note: Amount of water used when applying by the acre will vary depending upon equipment used, type of crop and state regulations.

Recommendations for use of this product are based upon tests believed to be reliable. Buyer assumes all risk for use of this product when not used in strict accordance with label directions, or when used under abnormal conditions not reasonably foreseeable to the seller.

BONIDE CHEMICAL CO., INC., YORKVILLE, NY 13495