

2935-399

05/21/2004

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BT 320 SULFUR 25 DUST

(BACILLUS THURINGIENSIS)

ACCEPTED
MAY 21 2004
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 2935-399

ACTIVE INGREDIENTS:

Bacillus thuringiensis subsp. <i>kurstaki</i> , strain ABTS-351, fermentation solids and solubles	0.582%
Sulfur	25.000%
OTHER INGREDIENTS	74.418%
TOTAL	100.000%

Potency: 145 Million Cabbage Looper Units per pound of this product.

The percent active ingredient does not indicate product performance and potency measurements are not federally standardized.

EPA Reg. No. 2935-399

EPA Est. No. 2935-CA-1

**KEEP OUT OF THE REACH OF CHILDREN
CAUTION
PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

CAUTION: Harmful if swallowed, inhaled or absorbed through skin. Avoid contact with skin, eyes, or clothing. Avoid breathing dust. Causes moderate eye irritation. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear: A) Long-sleeved shirt; B) Long pants; C) Waterproof gloves; D) 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.

Mixer/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.

FIRST AID

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

If Swallowed:	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by a poison control center or doctor. • Do not give anything by mouth to an unconscious person.
If on Skin or clothing:	<ul style="list-style-type: none"> • 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 Inhaled	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. • Call a poison control center or doctor for further treatment advice.
If in Eyes:	<ul style="list-style-type: none"> • 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.

ENVIRONMENTAL HAZARDS

Do not apply directly to water, or to where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment washwaters. ONLY FOR SALE TO, USE, AND STORAGE BY AGRICULTURAL AND SERVICE PERSONS.

USER SAFETY RECOMMENDATIONS

- Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. - Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. -Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

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.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries and greenhouses and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 24 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil or water, is: A) Coveralls; B) Waterproof gloves; C) Shoes plus socks.

STORAGE AND DISPOSAL

1. **Prohibitions:** Do not contaminate water, food or feed by storage or disposal.
2. **Pesticide Disposal:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.
3. **Container Disposal:** 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.
4. **Storage:** Store in original container only and keep sealed. Store in closed storage areas. Use caution when moving, opening, closing or pouring. Store in cool place.

DIRECTIONS FOR USE continued:

Apply appropriate amounts when air is calm, using ground equipment, aircraft or hand duster. Apply at first sign of infestation and repeat at weekly intervals when needed to maintain control. Good underleaf coverage is essential since the insect must ingest BT 320 Sulfur 25 Dust. After eating BT 320 Sulfur 25 Dust, some insects stop feeding but may otherwise appear to be unaffected for several days. Use the higher rates against very heavy infestations, or where it is difficult to obtain good coverage due to rank foliage. BT 320 Sulfur 25 Dust is exempt from tolerance requirements and may be applied at the use rates up to the day of harvest.

Avoiding spray drift at the application site is the responsibility of the applicator. The interaction of many equipment-and-weather-related factors determine the potential for spray drift. The applicator and the grower are responsible for considering all these factors when making decisions.

CAUTION: Applications of sulfur should not be made just prior to or during periods of high summer temperatures. Do not make applications within 2 weeks of an oil spray. Do not use or allow this material to drift onto sulfur sensitive Melons, Squash, Cucumbers, Apricots, Spinach or other plants which may be injured by sulfur. Concord and other Labrusca type grapes may be injured by sulfur.

APPLICATION RATES

Do not mix or dilute with other products.
Thorough coverage is essential when using BT 320 Sulfur 25 Dust.

CROP	PEST	LBS. PER ACRE
Broccoli, Cabbage	Cabbage looper	20 - 40
Collards, Kale, Mustard Greens	Imported cabbageworm	20 - 35
Cauliflower	Cabbage looper	20 - 50
	Imported cabbageworm	20 - 40
Cotton	Cabbage looper	25 - 50
Celery, Lettuce	Cabbage looper	20 - 50
Potatoes, Spinach	Cabbage looper	20 - 40
Sugar Beets	Powdery Mildew	35 - 50
	Two-Spotted Mite	
	Pacific Mite, Strawberry Mite	
Tomatoes	Imported cabbageworm	20 - 40
	Tomato Hornworm	
Turnip Greens	Imported cabbageworm	20 - 35
Grapes	Grape Leaf Folder	20 - 50
	Powdery Mildew	
Grapes (California)	Grape Leaf Folder	20 - 50
	Omnivorous Leaf Roller	
	Powdery Mildew	

Start treating as soon as possible after hatching and before larvae are protected by leaf folds. Apply by ground equipment to obtain thorough coverage of leaf surfaces. For the control of OMNIVOROUS LEAF ROLLER and GRAPE LEAF FOLDER with a scheduled program of 4 to 6 applications, apply 12.5 to 25 lbs. per acre for each application.

For POWDERY MILDEW control, this product may be substituted for a regularly scheduled (7 to 10 day) application of Dusting Sulfur. But this product is not intended for use to control Powdery Mildew other than in a scheduled program.

WARRANTY STATEMENT

WILBUR-ELLIS COMPANY warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for purposes stated on such label only when used in accordance with directions under normal use conditions. It is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials or the manner of use or application, all of which are beyond the control of WILBUR-ELLIS COMPANY. In no case shall WILBUR-ELLIS COMPANY be liable for consequential, special or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the Buyer. The exclusive remedy of any buyer or user of this product for any and all losses, injuries, or damages resulting from or in any way arising from the use, handling or application of this product, whether in contract, warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price paid for this product or at WILBUR-ELLIS COMPANY'S election, the replacement of this product. WILBUR-ELLIS COMPANY MAKES NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

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NET CONTENTS = 50 POUNDS**In Case of Emergency, Call CHEMTREC: (800) 424-9300**

**Manufactured in U.S.A. by:
Wilbur-Ellis Company PO Box 1286 Fresno CA 93715**