



# BT 25 Sulfur Dust

(Bacillus thuringiensis, subsp. Kurstaki strain ABTS-351 solids, spores, and insecticidal toxins)

## ACTIVE INGREDIENTS:

Bacillus thuringiensis, subsp. kurstaki strain ABTS-351 solids, spores, and insecticidal toxins* .....	1.16%
Sulfur .....	25.00%
<b>OTHER INGREDIENTS:</b> .....	73.84%
<b>TOTAL</b> .....	<b>100.00%</b>

\*0.29 billion Cabbage Looper Units per pound product or 640 CLU per gram product.

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

## CAUTION

### KEEP OUT OF REACH OF CHILDREN

### FIRST AID

<b>IF IN EYES:</b>	<ul style="list-style-type: none"> <li>Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
<b>IF ON SKIN OR CLOTHING:</b>	<ul style="list-style-type: none"> <li>Take off contaminated clothing.</li> <li>Rinse skin immediately with plenty of water for 15 to 20 minutes.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
<b>IF SWALLOWED:</b>	<ul style="list-style-type: none"> <li>Immediately call a poison control center or doctor.</li> <li>Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.</li> </ul>
<b>IF INHALED:</b>	<ul style="list-style-type: none"> <li>Move person to fresh air.</li> <li>If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>

### HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact day or night, **1-800-424-9300**.

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed, inhaled, or absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

### PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear long-sleeved shirt and long pants, chemical-resistant gloves made of any waterproof material, shoes plus socks and protective eyewear. 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.

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.

### ENGINEERING CONTROLS STATEMENTS

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS. **IMPORTANT:** When reduced PPE is worn because a closed system is being used, handlers must be provided all PPE specified above for "applicators and other handlers" and have such PPE immediately available for use in an emergency, such as a spill or equipment break-down.

### USER SAFETY RECOMMENDATIONS

#### USERS SHOULD:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- 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.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

### ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not apply when weather conditions favor drift from treated areas. Do not contaminate water when disposing of equipment washwaters.

This product must not be applied aerially within 1/4 mile of any habitats of endangered or threatened lepidoptera (i.e. moths or butterflies). No manual application can be made within 300 feet of any threatened or endangered lepidoptera.

### 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.

## 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 restrict 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: coveralls, chemical-resistant gloves made of any waterproof material, shoes plus socks, and protective eyewear.

PHT BT 25 Sulfur Dust is a biological insecticide intended for use against chewing larvae (caterpillars) of certain lepidopterous species.

Apply recommended 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 PHT BT 25 Sulfur Dust. After eating PHT BT 25 Sulfur Dust, some insects stop feeding, but may otherwise appear to be unaffected for several days. Use the higher recommendations against very heavy infestations, or where it is difficult to obtain good coverage due to rank foliage. PHT BT 25 Sulfur Dust is exempt from tolerance requirements, and may be applied in recommended amounts up to the day of harvests.

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/treatment coordinator are responsible for considering all of 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.

### DO NOT MIX OR DILUTE WITH OTHER PRODUCTS.

### THOROUGH COVERAGE ESSENTIAL WHEN USING PHT BT 25 SULFUR DUST

#### APPLICATION RATE:

For control of cabbage looper on broccoli, cabbage, cauliflower, collards, kale, mustard and turnip greens, celery, lettuce, melons, potatoes, spinach, tomatoes, apply 25 to 50 lbs. per acre.

For control of imported cabbage worm, on broccoli, cabbage, cauliflower, collards, kale, mustard and turnip greens, apply 15 to 25 lbs. per acre.

For control of grape leaf folder, omnivorous leaf roller, powdery mildew on grapes, apply 25 to 50 lbs. per acre.

For control of hornworm on tobacco and tomatoes, apply 12 to 25 lbs. per acre.

## STORAGE & DISPOSAL

**Pesticide Storage:** Keep out of reach of children and animals. Store in original container only. Store in a cool, dry place and avoid excess heat. Do not contaminate other pesticides, fertilizers, water, food, or feed by storage or disposal.

**In Case of Spill:** Avoid contact, isolate area and keep out animals and unprotected persons. Confine spills. Call Chemtrec **1-800-424-9300**.

**To Confine Spill:** If dry material, cover to prevent dispersal. Place damaged package in a holding container. Identify contents.

**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:** Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. 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.

**For Minor Spills, Leaks, Etc.:** Follow all precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup procedures and disposal of waste. In the event of a major spill, fire or emergency, call Chemtrec @ **1-800-424-9300** day or night.

## CONDITIONS OF SALE AND WARRANTY

#### CONDITIONS OF SALE:

1. **J.R. SIMPLOT COMPANY** warrants that this material conforms to the chemical description on the label and is reasonably fit for use as directed hereon.

**J.R. SIMPLOT COMPANY** neither makes, nor authorizes any agent or representative to make, any other warranty of **FITNESS** or of **MERCHANTABILITY**, guarantee or representation, expressed or implied, concerning this material.

2. Critical and unforeseeable factors beyond the control of **J.R. SIMPLOT COMPANY** prevent it from eliminating all risk in connection with the use of chemicals. Such risks include, but are not limited to, damage to plants, and crops to which the material is applied, lack of complete control, and damage caused by drift to other plants or crops. Such risks occur even though the product is reasonably fit for the uses stated hereon and even though label directions are followed.



**NET WT. 50 LBS (22.68 Kg)**

EPA Reg. No. 7001-7775  
EPA Est. No. 8917-CA-027

Manufactured For:



**J. R. SIMPLOT COMPANY**  
PO Box 70013, Boise, ID 83707  
Guarantor  
PO Box 198, Lathrop, CA 95330