

73049-71



02/19/2008

1/7

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**

WASHINGTON, D.C. 20460

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

FEB 19 2008

Nasser A. Assaf, Ph.D.  
Valent BioSciences Corporation  
870 Technology Way, Suite 100  
Libertyville, IL 60048-6316

Dear Dr. Assaf:

Subject: Amendment - Add specific root vegetables,  
Revise per Agency letter dated July 23, 2007  
UltraTec Dust Insecticide  
EPA Reg. No. 73049-71  
Your submission dated December 6, 2007

The amendment referred to above, submitted in connection with registration under FIFRA section 3(c)(7)(a), is acceptable and a stamped copy of the label is enclosed for your records.

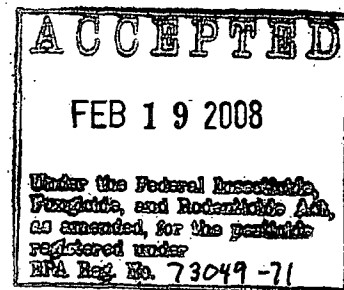
Sincerely,

George LaRocca.  
Product Manager 13  
Insecticide Branch  
Registration Division (7505P)

2/7

# UltraTec<sup>®</sup> Dust Insecticide

- For Indoor/Outdoor Residential Use Only
- [For Household Use
- Household Ornamental & Vegetable Garden Insect Control
- Controls Ants, Fire Ants, Fleas, Ticks, Termites (Localized Control Only) and More
- Kills Organophosphate & Carbamate Resistant and Non-Resistant Cockroach Strains
- Odorless
- Long-Lasting Residual Action
- Kills Insects for up to 8 Months
- Kills Carpenter Ants invading treated wall voids for up to 1 year (12 months)
- Does Not Clump or Absorb Moisture
- Water-Proof Dust
- Water-proof - Does Not Absorb Moisture
- Use on Roses, Flowers, and Ornamentals
- 1 Lb. Treats up to 45 Fire Ant Mounds
- Easy to Use
- Convenient
- Kills Fire Ants on Contact - No Watering-in Required
- Kills the Queen
- Ready-to-Use Dry Treatment of Fire Ant Mounds
- Kills the Mound
- Works Fast]



## ACTIVE INGREDIENT:

Deltamethrin ..... 0.05 %

OTHER INGREDIENTS: ..... 99.95 %  
100.00 %

**PRECAUCION AL CONSUMIDOR:** Si usted no lee ingles, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

**(TO THE USER:** If you cannot read English, do not use this product until the label has been fully explained to you.)

EPA REG. NO. 73049-71

EPA EST. NO.

**KEEP OUT OF REACH OF CHILDREN**

## CAUTION

FIRST AID	
If on Skin or Clothing:	<ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
If in Eyes:	<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>
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. In case of Medical emergencies or health and safety inquiries or in case of fire, leaking or damaged containers, information may be obtained by calling 1-877-315-9819.	

See Side/Back Panel For Additional Precautions and First Aid

NET CONTENTS:

## PRECAUTIONARY STATEMENTS

### Hazards To Humans And Domestic Animals

#### CAUTION

May be harmful if absorbed through skin. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

#### Environmental Hazards

This product is extremely toxic to fish and aquatic invertebrates. Do not apply directly to water. Use with care when applying in areas adjacent to any body of water. Do not contaminate water when disposing of equipment washwater.

#### DIRECTIONS FOR USE

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

**IMPORTANT:** Read the entire Directions for Use, Precautions and Disclaimer of Warranties before using this product.

UltraTec Dust is a ready-to-use insecticide dust which exhibits effective knockdown and long-lasting control against the pests listed when used according to label directions.

UltraTec Dust can be used for long-lasting pest control in and around homes and their immediate surroundings. Permitted areas of use include but are not limited to:

- |                         |  |
|-------------------------|--|
| • animal quarters       | • houses                                 |
| • apartments            | • mobile homes and recreational vehicles |
| • household greenhouses | • ornamentals                            |
|                         | • vegetables                             |

This product is intended for applications with a hand duster or from the shaker can, with a paint brush or by other suitable means, to hiding and runway areas and other places where insects are found.

#### INDOOR USE

In living areas, make applications in such a manner as to avoid deposits on exposed surfaces or introducing the material into the air. To avoid the possibility of staining, do not use on carpets, upholstery and other fabrics. Do not apply as a broadcast application indoors.

To apply insecticide directly into cracks and crevices, use a bulbous duster, or other suitable equipment. Apply lightly and uniformly to infested area. Pay particular attention to cracks and crevices; service ducts; false floors and ceilings; wall void; around electrical and telephone fittings and equipment; around water and sewer pipes; under and behind cabinets; refrigerators and sinks; around windows and door frames; along baseboards; in attics and crawl spaces. The amount to be applied will vary with the site but usually be in the range of 2-3 grams of product per square yard (or 0.5 lbs per 1000 square feet).

**Ants, Boxelder Bugs, Cockroaches, (Including Both Resistant and Non-resistant Strains), Crickets, Fleas, Firebrats and Silverfish:** Apply UltraTec Dust thoroughly to all areas where these pests crawl and hide, especially in those areas described above. For **Ants**, apply to ant trails, around doors and windows and other places where ants enter premises.

**Termites, Carpenter Ants and Carpenter Bees:** Apply to voids or channels in damaged wooden members of a structure; to cracks, spaces or bearing joints between wooden members of a structure; or between such members and the foundation; and in locations vulnerable to termite attack. Drilling may be necessary prior to applying dust in these locations, but it must be recognized that such drilling and treating of timber in a particular location may not result in complete coverage of infested and vulnerable voids or galleries. This dust can be applied in attics and crawl spaces to prevent entry of drywood and Formosan termites at a rate of 0.5 lb. per 1000 square feet of floor area. In these treatments, all vents and blowers should be closed. Inspect at 6 months and one year to ensure that colony has been killed. The purpose of such applications of UltraTec Dust is to kill workers or winged forms of subterranean termites, which may be present in the treated channels at the time of treatment. Such applications are not a substitute for mechanical alteration, soil treatment or foundation treatment but merely a supplement. For active termite infestations, get a professional inspection.

**Wall Void Treatments:** [To control carpenter ants in wall voids for up to one year [12 months],] apply dust into wall voids through existing openings or by drilling a small hole. Insert end of puffer tip into opening and squeeze container [Insert tip of hand-duster into opening and squeeze] to apply approximately 0.2 grams (0.07 lbs/100 sq. ft.) of dust per wall void [see markings on side of container]. Reseal hole after treatment. Nests in wall voids can be located by listening for insect activity against the wall.

**Centipedes, Ground Beetles, Millipedes, Scorpions, Spiders and Sowbugs:** Apply dust along and behind baseboards, to window and door frames, corners, pipes, storage locations, attics, crawl spaces, and other areas where these pests may enter or crawl.

**Wasps and Bees:** It is generally advisable to treat wasp and bee nests in the evening when insects are less active and have returned to the nest. Wear protective clothing if deemed necessary to avoid stings.

Using hand or power duster or other suitable means, with extension tubes if necessary, thoroughly dust nest, entrance and surrounding areas where insects alight. Nests in wall voids can be located by listening with your ear against the wall. Drill a hole in the area, blow dust in and reseal. For **Ground Wasps**, dust entrance and surrounding areas. For best results, check nests carefully one or two days after treatment to ensure complete kill, then remove and destroy nest to prevent emergence of newly-hatched insects. If removal is not feasible, retreat nest if necessary. Do not use this product to treat overhead nests.

**Webbing Clothes Moths:** Use UltraTec Dust as a crack and crevice treatment in closets and other storage areas where these pests are found. This is an adjunct treatment and will not control moth larvae already on the clothes. DO NOT apply this product directly to clothing.

**Carpet Beetles (Black, Furniture, Common and Varied):** Dust where these insects are found, for example: under edges of floor coverings, behind baseboards, under rugs and furniture, and in closets. Do not apply directly to carpeting.

**Bedbugs:** Apply to crack and crevices where evidence of bedbugs occurs. This includes bed frames, box springs, inside empty dressers and clothes closets, and carpet

edges, high and low wall moldings, and wall paper edges. Do NOT use this product on mattresses, pillows, bed linens, or clothes. Remove all clothes and other articles from dressers or clothes closets before applications. Not recommended for use as sole protection against bedbugs. If evidence of bedbugs is found in/on mattresses use products approved for this use.

#### STORED PRODUCT PESTS:

To aid in the control of the exposed stages of:

cadellies	merchant grain beetles
cheese mites	red flour beetles
cigarette beetles	rice weevils
confused flour beetles	rusty grain beetles
dark meal worms	saw-toothed grain beetles
drugstore beetles	spider beetles
grain mites	tobacco moths
granary weevils	yellow meal worms
lesser grain borers	

In the home, cover all food processing surfaces and utensils during treatment or thoroughly wash before use. Remove or cover exposed food.

Clean up waste materials, dust, dirt, and other debris. Thoroughly treat floors, walls and other surfaces in storage and handling areas: Apply dust in cracks and crevices, behind and under cupboards, and other difficult to reach areas where insects may hide. DO NOT apply directly on food, utensils or other areas where food is stored.

#### OUTDOOR USE

##### ORNAMENTAL PLANT PESTS

For the control of:

aphids	leafrollers
beet armyworms	orange tortrix
blister beetles	periodical cicada
boxelder bugs	plant bugs
certain leafminers	rose chafer
(Boxwood, Holly, rose midges	
Oak, Spruce Needle)	rose slugs
elm leaf beetle	tent caterpillars
flea beetles	thrips
Japanese beetles	weevils
leafhoppers	

SHRUBS AND ORNAMENTALS: Apply when insects or their damage first appear and repeat at weekly intervals if necessary. Apply 8 ounces per 1000 square feet; or thoroughly apply to place a thin layer of dust on both upper and lower sides of leaves, stems and flowers.

ROSES, PETUNIAS, CHRYSANTHEMUMS, GERANIUMS, CARNATIONS AND OTHER RELATED FLOWERS: To control many leaf and flower chewing insects, apply as soon as the insect appears and repeat at 7 day intervals or as long as insects continue to appear. Apply a thin layer of dust on both upper and lower sides of leaves, stems and flowers.

PERIMETER TREATMENT: Use UltraTec Dust as a residual treatment for control of **Ants, Bees, Centipedes, Cockroaches, Crickets, Firebrats, Fleas, Ground Beetles, Millipedes, Scorpions, Silverfish, Slugs, Sowbugs, Spiders, Ticks and Wasps**. Make a residual treatment around windows and doors, porches, screens, eaves, patios, garages, under stairways, in crawl spaces and other areas where pests hide. To help prevent the invasion of buildings and structures by these pests, apply thoroughly and uniformly to the foundation and crawl spaces where pests are active and may find entrance.

**Fleas and Ticks in Rodent Burrows:** To Control **Fleas and Ticks** in and around rodent burrows around homes and other buildings, apply dust with a shaker can. Thoroughly apply dust to adequately cover mound and around the perimeter (18" from the outer edge). Be sure to treat abandoned rodent burrows which are suspected of containing fleas and ticks. Treat for a minimum of 5 days for light rodent populations, 10 days when populations are dense.

HOME VEGETABLE GARDENS: Use a dust applicator such as a shaker can, dust gun, puffer or other bulbous duster, rotary duster or other appropriate available duster. Dust lightly to cover both upper and lower leaf surfaces with a thin, even film of dust. Apply when air is calm to avoid drift and contact with eyes and skin. Start applying at the farthest corner of the treatment area and work backward to avoid contact with dusted surfaces. Allow dust to settle in treated areas before reentering

VEGETABLE	TARGET PESTS	REMARKS	Application Rate: Ounces of Dust /100ft <sup>2</sup>	Max Applications/ growing season	[Active Ingredient /Acre] (This column is alternate text)	[Packages/ 100 ft <sup>2</sup> ] (This column is alternate text)
Artichoke, Globe	Aphids, armyworm, cabbage looper, cribrate weevil, leafminers, lygus bug (plant bug), pale striped flea beetles, plume moth, probas bug	Do not apply more than recommend amount [0.14 lb. ai/A(active ingredient/acre)] in one growing season. Allow 3 days between applications. Do not apply within 3 days of harvest.	2.13	5	0.028 lb	X packages /100ft <sup>2</sup>

<b>Bulb Vegetables –</b> garlic, leeks, onions, shallots	Cutworms, stink bugs, thrips	Do not apply more than recommend amount [0.112 lb ai/A] in one growing season. Allow 5 days between applications. Do not apply within one day of harvest.	2.13	4	0.028 lb	X packages /100ft <sup>2</sup>
<b>Corn, Sweet</b>	Aphids, armyworms, chinch bugs, click beetle, corn earworm, corn rootworm (adult), cutworms, European corn borer, flea beetles, grasshoppers, Japanese beetle (adult), June beetle (adult), Masked chafer (adult), southern corn borer, south- western corn borer, stalk borer, stink bugs, webworms	Do not apply more than recommend amount [0.45 lb ai/A] one growing season. Do not apply within 24 hours of harvest.	2.13	16	0.028 lb	X packages /100ft <sup>2</sup>
<b>Corn, Pop</b>	Aphids, armyworms, chinch bugs, click beetle, corn earworm, corn rootworm (adult), cutworms, European corn borer, flea beetles, grasshoppers, Japanese beetle (adult), June beetle (adult), Masked chafer(adult), southern corn borer, south- western corn borer, stalk borer, stink bugs, webworms	Do not apply more than recommend amount [0.095 lb ai/A] in one growing season. Allow 21 days between applications.	1.68	4	0.022 lb	X packages /100ft <sup>2</sup>
<b>Cucurbit Vegetables –</b> cantaloupes, chayote, Chinese waxgourd, citron melon, cucumber, gherkin, gourds, Momordica species (balsom apple, balsom pear, bitter melon, Chinese cucumber), muskmelon, pumpkin, squash, watermelon	Armyworm, cabbage looper, Colorado potato beetle, corn earworm, cucumber beetles, cutworms, diamondback moth(larvae), flea beetles, grasshoppers, green peach aphid, leafhoppers, leaf- miners, melonworm, pickleworm, stink bugs, tarnished plant bug, tobacco budworm, tomato pinworm, vegetable weevil (adult), western plant bug, whitefly (adult)	Do not apply more than recommend amount [0.168 lb ai/A] in one growing season. Allow 3 days between applications. Do not apply within 3 days of harvest.	2.13	6	0.028 lb	X packages /100ft <sup>2</sup>
<b>Fruiting Vegetables –</b> eggplant, groundcherry, pepinos, peppers, tomatillo, tomato	Aphids, armyworm, cabbage looper, Colorado potato beetle, cucumber beetle, cutworms, diamondback moth, European corn borer, flea beetles, imported cabbageworm, leafminers, pepper weevil, stink bugs, tarnished plant bug, thrips, tomato fruitworm(corn earworm), tomato pinworm, variegated	Do not apply more than recommend amount [0.168 lb. ai/A] in one growing season. Allow 5 days between applications. Do not apply within 1 day of harvest.	2.13	6	0.028 lb	X packages /100ft <sup>2</sup>

6/7

	cutworm, whitefly					
<b>Root Vegetables -</b> carrot, celeriac, chervil(turnip- rooted), chicory, edible burdock, garden beet, ginseng, horseradish, parsley (turnip-rooted), parsnip, radish, oriental radish, rutabaga, salsify, black salsify, spanish salsify, skirret, turnip	Armyworm, cabbage looper, Colorado potato beetle, cutworms, European corn borer, flea beetles, green peach aphid, leafhoppers, lygus bug (plant bug), pea aphid, Tarnished plant bug	Do not apply more than recommend amount [0.14 ai/A] in one growing season. Allow 3 days between applications. Do not apply within 3 days of harvest. Other than radishes, applications may not be made to root vegetables whose tops or leaves are to be harvested for human consumption.	2.13	5	0.028 lb	X packages /100ft <sup>2</sup>
<b>Tuberous &amp; Corm Vegetables -</b> potato, sweet potato, arracacha, arrowroot, chinese artichoke, jerusalem artichoke, edible Canna, bitter and sweet cassava, chayote (root), chufa, dasheen, ginger, leren tanier, tumeric, yam bean, true yam	Armyworm, cabbage looper, Colorado potato beetle, cutworms, European corn borer, flea beetles, green peach aphid, leafhoppers, lygus bug (plant bug), pea aphid, Tarnished plant bug	Do not apply more than recommend amount [0.14 lb ai/A] in one growing season. Allow 3 days between applications. Do not apply within 3 days of harvest. Applications may not be made to tuberous or corm vegetables whose tops or leaves are to be harvested for human consumption	2.13	5	0.028 lb	X packages /100ft <sup>2</sup>

#### USE DIRECTIONS FOR FIRE ANT TREATMENT

**Imported Fire Ant Mound Treatment:** Apply UltraTec Dust with a shaker can. Thoroughly apply dust to adequately cover mound and around the perimeter (18" from the outer edge of the mound). A second treatment may be necessary if complete control is not obtained. **DO NOT DISTURB THE MOUND PRIOR TO APPLICATION.** If possible, treat all colonies in the vicinity. Also, treat colonies which have not yet constructed a mound.

[Alternate directions - Evenly sprinkle one tablespoon (approximately 10 grams ) of UltraTec Dust over the top of each mound. Do not water in or disturb the mound. Apply when temperatures are between 65 and 80°F. Allow 3 to 4 days for maximum control, then repeat as necessary. Do not use food utensils, such as a teaspoon or measuring cups, for food after use with pesticides.]

#### STORAGE AND DISPOSAL

**Storage:** Store product in original container in a cool, dry, locked place out of the reach of children.

**Disposal: If empty:** Do not reuse this container. Place in trash or offer for recycling if available.

**If partly filled:** Call your local solid waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

#### IMPORTANT: READ BEFORE USE

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once. By using this product, user or buyer accepts the following conditions, disclaimer of warranties and limitations of liability.

**CONDITIONS:** The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. 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 Valent BioSciences Corporation. All such risks shall be assumed by the user or buyer.

**DISCLAIMER OF WARRANTIES:** TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, VALENT BIOSCIENCES CORPORATION MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, THAT EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of Valent BioSciences Corporation is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. To the extent consistent with applicable law, Valent BioSciences Corporation disclaims any liability whatsoever for special, incidental or consequential damages resulting from the use or handling of this product.

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Valent BioSciences Corporation

7/7

02-0329/R2

**[Alternate Front Panel Bullets:**

- **Long-Lasting**
- **For Use on Ornamentals**
- **Controls Many Different Insect Pests**
- **To Control Imported Fire Ants on Lawns and Other Residential Areas**
- **8 Oz. Treats over 20 Fire Ant Mounds**
- **2 Lbs. Treats over 80 Fire Ant Mounds**
- **Fast, Effective Kill of Fire Ants**
- **Fast, Effective Kill of Stinging Ants**
- **Contains Deltamethrin**
- **Contains UltraTec®**

[ ] Denotes alternate text in addition to any subset of the directions for use.