

7401-447

5-13-2002

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United States  
Environmental Protection Agency  
Washington, DC 20460

Registration  
 Amendment  
 Other

OPP Identifier Number

### Application for Pesticide - Section I

1. Company/Product Number 7401-447	2. EPA Product Manager Linda Arrington	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Hi-Yield Garden, Pet & Livestock Dust	PM# Notification Team	
5. Name and Address of Applicant (Include ZIP Code) Voluntary Purchasing Groups, Inc. P.O. Box 460 Bonham, TX 75418 <input type="checkbox"/> Check if this is a new address	6. <del>Expedited Review</del> . In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

### Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____	<b>NOTIFICATION</b>  MAY 13 2002
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.	
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.	

**Explanation:** Use additional page(s) if necessary. (For section I and Section II.)

Notification of label change relative to PR Notice 2001-6. This notification is consistent with the guidance of PR Notice 2001-6 and the requirements of EPA's regulations at 40 CFR 156.10 and 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Section 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the guidance of PR Notice 2001-6 and the requirements of 40 CFR 156.10 and CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

### Section - III

~~1. Material This Product Will Be Packaged In:~~

<del>Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No</del>	<del>Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No</del>	<del>Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No</del>	<del>2. Type of Container <input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____</del>
<del>* Certification must be submitted</del>	<del>If "Yes" Unit Packaging wgt. No. per container</del>	<del>If "Yes" Package wgt. No. per container</del>	

~~3. Location of Net Contents Information  
 Label  Container~~

~~4. Size(s) Retail Container~~

~~5. Location of Label Directions  
 \_\_\_\_\_~~

~~6. Manner in Which Label is Affixed to Product  
 Lithograph  
 Paper glued  
 Stenciled  Other \_\_\_\_\_~~

### Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)

Name Mary Beth Endres	Title Agent for Voluntary Purchasing Groups, Inc.	Telephone No. (Include Area Code) 972-939-8390
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**Certification**

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

2. Signature <i>Mary Beth Endres</i>	3. Title Agent for Voluntary Purchasing Groups, Inc.	6. Date Application Received (Stamped)  ..... ..... ..... .....
4. Typed Name Mary Beth Endres	5. Date 05/01/2002	

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[FRONT LABEL PANEL]

**Hi-Yield®**

**GARDEN, PET &  
LIVESTOCK DUST**

**NOTIFICATION**

**MAY 13 2002**

- For Use On Fruit & Nut Trees
- For Use On Home Ornamental & Vegetable Gardens
- Use On Dogs & Cats To Control Fleas, Ticks & Lice
- Effectively Controls Aphids, Armyworms, Japanese Beetles, Leafminers, Mealybugs, Scale Crawlers, Thrips, Spider Mites, Mealybugs, Bagworms, Whiteflies and Others on Ornamentals
- Effectively Controls Cutworms, Japanese Beetles, Aphids, Squash Bugs, Armyworms and Others On Fruits and Vegetables
- A Broad-Use, Ready-To-Use Insecticide
- For Use On Vegetables & Ornamental Plants
- Low Odor
- Provides Effective Residual Activity
- For Use On Domestic Livestock

**ACTIVE INGREDIENTS:**

*Permethrin: (3-phenoxyphenyl) methyl (+/-) <i>cis/trans</i> 3-(2,2-dichloroethenyl) 2,2-dimethyl cyclopropanecarboxylate .....	0.25%
<b>INERT INGREDIENTS:</b> .....	<u>99.75%</u>
<b>TOTAL:</b> .....	100.00%

\**Cis/trans* ratio: Max. 65% (+/-) *trans* and min. 35% (+/-) *cis*.

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

See (back/side) panel for additional precautionary statements  
Read Entire Label Before Use

NET WEIGHT \_\_\_\_\_ LBS.

[BACK (SIDE) LABEL PANEL]

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS & DOMESTIC ANIMALS**

**CAUTION: Humans:** Harmful if swallowed, inhaled. Avoid breathing dust. Avoid contact with eyes and skin. Wash thoroughly with soap and water after handling. Avoid contamination of feed and foodstuffs. **Animals:** Harmful if swallowed, inhaled. Consult a veterinarian before using this product on debilitated, aged, pregnant or nursing animals or animals on medication. Sensitivities may occur after using ANY pesticide product for pets. If signs of sensitivity occur bathe your pet with mild soap and rinse with large quantities of water. If signs continue, consult a veterinarian immediately.

**ENVIRONMENTAL HAZARDS**

This product is extremely toxic to fish and aquatic invertebrates. Do not apply directly to any body of water. Do not contaminate water when disposing of equipment washwaters. This pesticide is toxic to honey bees and other beneficial pollinators exposed to an application. Do not apply when bees are actively visiting blooming plants (vegetables, flowers, fruit/ornamental trees). Do not allow this product to come in direct contact with beehives at anytime.

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Not for use on plants grown for sale or other commercial or for commercial seed production or research purposes.

**Ornamental Plants - Indoors:**

Use a dust applicator such as a shaker can, dust gun, puffer or other bulbous duster, rotary duster or other appropriate duster available.

To protect plants in indoor landscaping - Apply directly on insects to control leafrollers, armyworms, cutworms and cabbageworms on chrysanthemums and fungus gnats on velvet plant.

Dust lightly to cover both upper and lower leaf surfaces with a thin, even film of dust to control aphids, armyworms, corn earworms, fall cankerworms, inchworms, Japanese beetles, leafminers, leafrollers, mealybugs, scale crawlers, spring cankerworms, and exposed thrips on the following plants:

- |                 |                 |           |                  |
|-----------------|-----------------|-----------|------------------|
| Ageratum        | Chrysanthemum   | Grape ivy | Petunia          |
| Ardisia         | Coleus          | Hypoestes | Philodendron     |
| Aster           | Crown of thorns | Ivy       | Piggy-back plant |
| Azalea          | Cockscomb       | Juniper   | Poinsettia       |
| Baby's breathe  | Dracaena        | Lily      | Portulaca        |
| Begonia         | Dumbcane        | Marigold  | Pothos           |
| Birds-nest fern | English ivy     | Palm      | Prayer Plant     |
| Bleeding heart  | Fuschia         | Pansy     |                  |

**[BACK (SIDE) LABEL PANEL]**

- |                   |              |           |                |
|-------------------|--------------|-----------|----------------|
| Carnation         | Gladiolus    | Piperomia | Purple passion |
| Rabbits foot fern | Statice      |           |                |
| Rose              | Velvet plant |           |                |
| Schefflera        | Verbena      |           |                |
| Snapdragon        | Zinnia       |           |                |
| Snake plant       |              |           |                |

If application is made indoors, remove infested plants from living area prior to application. Dust plants in an area not likely to be occupied by children or pets (particularly fish). When dust settles plants can be returned to original location.

Use with care on ferns, palms and fuschia. As with all plants listed above, especially carnations, chrysanthemums and roses, there exists a wide variety of species and cultivars, and therefore, a wide variety of susceptibility to injury. To ascertain possible phytotoxicity, dust a few plants as described above, wait 24 hours and check for possible injury.

Repeat applications may be necessary to control adult Japanese beetles on roses.

**Ornamental Plants - Outdoors:**

Use a dust applicator such as a shaker can, dust gun, puffer or other bulbous duster, rotary duster or other appropriate duster available. 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. Contact insects directly whenever possible. Repeat treatment as needed.

Controls aphids, cicadas, corn earworms, fall cankerworms, fall webworms, inchworms, Japanese beetles (adults), leafminers, leafrollers, mealybugs, bagworms, spider mites, whiteflies and exposed thrips on the following plants:

- |                 |                  |                          |             |
|-----------------|------------------|--------------------------|-------------|
| African violets | Chrysanthemum    | Exacum                   |             |
| Ageratum        | Coleus           | Euonymous                |             |
| Arizona Cypress | Common Ninebark  | English Ivy              |             |
| Aster           | Common Snowberry | Fuchsia                  |             |
| Azalea          | Crassula         | Geranium                 |             |
| Begonia         | Dahlias          | Gladiolus                |             |
| Camellias       | Delphinium       | Gold Bells               |             |
| Carnations      | Dogwood          | Grape Vines (ornamental) |             |
| Hypoestes       | Orchid           | Rhododendron             | Weeping fig |
| Ivy             | Palm             | Rose                     | Zinnia      |
| Laurel          | Pansy            | Snapdragon               |             |

**[BACK (SIDE) LABEL PANEL]**

Lilac	Pea Shrub	Stocks
Marigold	Petunia	Taxus
Mock Orange	Philodendron	Wandering Jew
Nannyberry	Poinsettia	Wax Plant

**Home Fruit & Vegetable Gardens:**

Use a dust applicator such as a shaker can, dust gun, puffer or other bulbous duster, rotary duster or other appropriate duster available. 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.

FRUITS & VEGETABLES	TARGET PESTS	REMARKS
Apples	apple aphid, redbanded leafroller, obliquebanded leafroller, plum curculio, white apple leafroller, spotted tentiform leafminer, tarnished plant bug	Dust lightly. Do not apply after petal fall.
Asparagus (pre-harvest)	cutworms, asparagus beetle	Apply to plants as needed to ensure uniform coverage. Do not make more than 4 applications per season. Can be applied up to 3 days prior to harvest.
Asparagus (post-harvest)	larval stages of asparagus beetle; tarnished plant bug; lygus bugs and adult Japanese beetles	Treat fern or bush growth after spear harvest when insects are present.
Celery - see leafy vegetables		

<p>Cole Crops: Broccoli, Brussels Sprouts, Cabbage, Cauliflower</p>	<p>beet armyworm; diamond back moth; imported cabbageworm; cabbage aphid, cabbage looper</p>	<p>Apply every 5 days. Can be applied up to one day prior to harvest. Do not make more than 10 applications on cabbage and 8 applications on the other cole crops per season.</p>
<p>Corn - see sweet corn</p>		
<p>Cucurbits: Balsam pear (bitter melon), Chinese waxgourd (Chinese preserving melon). Citrus melon. Cucumber. Gherkin. Edible gourds. Melons including hybrids such as cantaloupe, casaba, crenshaw, honeydew, honey balls, mango melon, muskmelon, and Persian melon, pumpkin, summer &amp; winter squash. Watermelon</p>	<p>aphids, cabbage looper, cucumber beetle (adults), cutworms, leafhoppers, leafminers, melonworm, pickleworm, plant bugs, squash bugs</p>	<p>Apply to plants as needed to ensure uniform coverage. Do not make more than 8 applications per crop season. Can be applied up to the day of harvest.</p>
<p>Eggplant</p>	<p>colorado potato beetle, vegetable leaf miner</p>	<p>Apply to plants as needed to ensure uniform coverage. Do not make more than 16 applications per season. Can be applied up to 3 days prior to harvest.</p>
<p>Grapes</p>	<p>leafhoppers, Japanese beetles, grape berry moths</p>	<p>Apply to plants as needed to ensure uniform coverage.</p>
<p>Horseradish</p>	<p>imported crucifer weevil</p>	<p>Apply as needed. Do not make more than 3 foliar applications per season. Can be applied up to 22 days prior to harvest.</p>

<p>Leafy Vegetables: amaranth, arrugula, celery, celtuce, chervil, corn salad, chrysanthemum (edible-leaved and garland), cress (garden and upland), dandelion, dock, endive, fennel, lettuce (head and leaf), orach, parsley, purslane (garden and winter), rhubarb, spinach. Swiss chard.</p>	<p>alfalfa looper, aphids, beet armyworm, cabbage looper, corn earworm, cutworms, European corn borer, fall armyworm, green cloverworm, southern armyworm, tobacco budworm, vegetable leaf miner</p>	<p>Apply every 5 to 10 days as needed. Do not make more than 7 applications per crop per season. Can be applied up to 1 day prior to harvest.</p>
<p>Melons - see Cucurbits</p>		
<p>Onions (Dry bulb and Garlic)</p>	<p>onion thrips, armyworm, cutworm, leafminer, onion maggot (adult), stink bug</p>	<p>Dust lightly. Apply up to 6 times per season. Can be applied up to 1 day prior to harvest.</p>
<p>Peaches</p>	<p>peach twig borer, Oriental fruit moth, green fruitworm, lesser peachtree borer, plum curculio, tarnished plant bug</p>	<p>Dust lightly. Apply up to 5 times per season. Can be applied up to 14 days prior to harvest.</p>
<p>Potatoes</p>	<p>beet armyworm, Colorado potato beetle, potato beetle, potato leafhopper, potato aphid, potato tuberworm, cabbage looper, cutworms, European corn borer, potato psyllid, tarnished plant bug</p>	<p>Apply to plants as needed. Do not make more than 12 applications per season. Can be applied up to 7 days prior to harvest.</p>

Peppers	vegetable leafminer, cabbage looper, flea beetle, corn earworm, pepper weevil, European corn borer	Apply to plants as needed. Do not make more than 8 applications per season. Can be applied up to 3 days prior to harvest.
Strawberries	meadow spittlebugs, leafrollers	Apply to plants as needed to ensure uniform coverage. Can be applied up to 1 day prior to harvest.
Sweet Corn	corn earworms, European corn borers, fall armyworms, southern armyworms	Apply to plants every 5 days. Do not make more than 6 applications per season. Can be applied up to 1 day prior to harvest.
Tomatoes (Do not apply on cherry tomatoes and varieties yielding tomatoes less than one inch in diameter)	beet and southern armyworms, tomato pinworms, tomato fruitworms, hornworms, granulate cutworms, Colorado potato beetles, cabbage loopers	Apply to plants when needed for uniform coverage. Do not make more than 6 applications per season. Can be applied up to day of harvest.
Walnuts	navel orangeworm, codling moth, walnut husk fly	Dust lightly. Apply up to 8 times per season. Can be applied up to 1 day prior to harvest.

**DOGS AND CATS**

**USE ONLY ON DOGS OR CATS.** Consult a veterinarian before using this product on debilitated, aged, pregnant, nursing, or medicated animals.

To control (kill) *fleas, ticks and lice*: Use product only outside or in a well-ventilated area. Wearing household latex or rubber gloves, dust entire animal avoiding pet's eyes, nose, mouth and genital areas. Rub or brush pet's hair to work dust down to the skin. Use ½ oz. on animals 20 pounds and under and 1 oz. on pets over 20 pounds. Repeat every three weeks. This product should not be applied by children. Do not use on pregnant animals. Do not use on puppies or kittens under 12 weeks of age. Dust pet bedding and doghouse using a shaker can or other dust applicator.

**BEEF AND DAIRY CATTLE, HORSES, SWINE AND POULTRY**

Can be used in dust bags, shaker can and mechanical dust applicator.

**Horn Flies, Lice, Face Flies:** Place contents of this package in any commercially available dust bag, suspend bag in areas frequented by cattle or in gateways or lanes through which the animals must pass daily for water, feed, or minerals. Bags may also be placed in loafing sheds or in front of mineral feeders. For dairy cows, bags may be suspended in the



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**[BACK (SIDE) LABEL PANEL]**

exit through which the cows leave the milking barn. The bags should hang 4 to 6 inches below the back line of the cattle. For reduction of Face Flies, bags must be located so animals will be forced to use them daily and hung at a height so that the face is dusted.

**Horn Flies, Lice Direct Application:** Apply 2 oz. of dust per animal by shaker can over the head, neck, shoulders and back and tailhead. Repeat as necessary.

**Horses:** Dust horse for horn flies with shaker can or dust glove along back, neck and legs.

**Swine: Lice on Swine Direct Application:** Apply only 1 ounce per head as a uniform coat to the head, shoulder and back by use of a shaker can or suitable mechanical dust applicator. Repeat as necessary but not more often than once every 10 days. In severe infestation, both animals and the bedding may be treated. Do not ship animals for slaughter within 5 days of treatment.

**Poultry:** To control Northern Fowl Mites, apply at a rate of 1 lb. per 100 birds. Ensure thorough treatment of vent area.

**STORAGE AND DISPOSAL**

**STORAGE:** Store in original container. Keep in an area inaccessible to children and pets.

**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

**NOTE:** Buyer assumes all risks of use, storage or handling of this product not in strict accordance with directions given herewith. Voluntary Purchasing Groups, Inc. warrants this product to conform to the chemical description on the label and for the purposes stated on the label. The limit of any liability incurred shall be the purchase price paid by the user or buyer.

VOLUNTARY PURCHASING GROUPS, INC.  
P.O. Box 460  
BONHAM, TEXAS 75418

EPA Registration No. 7401-447  
EPA Establishment No. 7401-TX-1