



U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (H7505C)  
401 "M" St., S.W.  
Washington, D.C. 20460

EPA Reg. Number:

7401-447

Date of Issuance:

OCT 6 1999

NOTICE OF PESTICIDE:  
  X   Registration  
       Reregistration

Term of Issuance:

Conditional

Name of Pesticide Product:

Hi-Yield Garden &Pet Dust

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Voluntary Purchasing Groups, Inc.  
P.O. Box 460  
Bonham, Texas 75418

**Note:** Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.

2. Make the labeling changes listed below before you release the product for shipment:

a. Add the phase "EPA Registration No. "7401-447".

b. The Bulk density- Fluffed reported in Block 7 of the Confidential Statement of Formula must be 29 lb/cu. Ft. instead of 2 lb/cu.ft..

Signature of Approving Official:

Date:

c. The product's name "Garden & Pet Dust" is misleading since this product can be used on Domestic Livestock. Please change the name of the product or delete livestock use.

d. On the front panel delete "Provides Both Killing & Repelling Action" and "An Effective Alternative to Sevin Dust". Neither of these statements appears on the cited me- too labels. Also comparative statements with other pesticides are unacceptable.

e. Revise the statements under Precautionary section to read as follows: "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 amounts of water. If signs continue, consult a veterinarian immediately."

f. Under Directions for Use add the following use limitation: "Not for use on plants grown for sale or other commercial or for commercial seed production or research purposes."

g. On the front panel add the following statement: "Read Entire Label Before Each Use".

h. Either delete the statement "or as needed" or indicate a time period or follow-up application based upon efficacy data.

3. Submit two (2) copies of your final printed labeling before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Enclosure

[FRONT LABEL PANEL]

# Hi-Yield® GARDEN & PET DUST

- 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
- Provides Both Killing & Repelling Action
- Low Odor
- An Effective Alternative to Sevin® Dust
- Provides Effective Residual Activity
- For Use On Domestic Livestock

**ACTIVE INGREDIENTS:**

\*Permethrin: (3-phenoxyphenyl) methyl (+/-) *cis/trans* 3-(2,2-dichloroethenyl) 2,2-dimethyl cyclopropanecarboxylate ..... 0.25%

**INERT INGREDIENTS:** ..... 99.75%

**TOTAL:** ..... 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

ACCEPTED  
with COMMENTS  
in EPA Letter Dated

OCT - 6 1999

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

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, this pesticide registered under EPA Reg. No.

7401-447

[BACK (SIDE) LABEL PANEL]

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

**CAUTION:** Avoid breathing dust. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before smoking or eating. 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 amounts 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.

**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	Purple passion
Carnation	Gladiolus	Piperomia	

[BACK (SIDE) LABEL PANEL]

- 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         | Dahlia           | Gladiolus                |
| Camellias       | Delphinium       | Gold Bells               |
| Carnations      | Dogwood          | Grape Vines (ornamental) |

[BACK (SIDE) LABEL PANEL]

Hypoestes	Orchid	Rhododendron	Weeping fig
Ivy	Palm	Rose	Zinnia
Laurel	Pansy	Snapdragon	
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		

Cole Crops: Broccoli, Brussels Sprouts, Cabbage, Cauliflower	beet armyworm; diamond back moth; imported cabbageworm; cabbage aphid, cabbage looper	Apply every 5 days or as needed. 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.
Corn - see sweet corn		
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 & winter squash. Watermelon	aphids, cabbage looper, cucumber beetle (adults), cutworms, leafhoppers, leafminers, melonworm, pickleworm, plant bugs, squash bugs	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.
Eggplant	colorado potato beetle, vegetable leaf miner	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.
Grapes	leafhoppers, Japanese beetles, grape berry moths	Apply to plants as needed to ensure uniform coverage.
Horseradish	imported crucifer weevil	Apply as needed. Do not make more than 3 foliar applications per season. Can be applied up to 22 days prior to harvest.

## [BACK (SIDE) LABEL PANEL]

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.	alfalfa looper, aphids, beet armyworm, cabbage looper, corn earworm, cutworms, European corn borer, fall armyworm, green cloverworm, southern armyworm, tobacco budworm, vegetable leaf miner	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.
Melons - see Cucurbits		
Onions (Dry bulb and Garlic)	onion thrips, armyworm, cutworm, leafminer, onion maggot (adult), stink bug	Dust lightly. Apply up to 6 times per season. Can be applied up to 1 day prior to harvest.
Peaches	peach twig borer, Oriental fruit moth, green fruitworm, lesser peachtree borer, plum curculio, tarnished plant bug	Dust lightly. Apply up to 5 times per season. Can be applied up to 14 days prior to harvest.
Potatoes	beet armyworm, Colorado potato beetle, potato beetle, potato leafhopper, potato aphid, potato tuberworm, cabbage looper, cutworms, European corn borer, potato psyllid, tarnished plant bug	Apply to plants as needed. Do not make more than 12 applications per season. Can be applied up to 7 days prior to harvest.



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 or as needed. 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

**[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**

Do not contaminate water, food or feed by storage or disposal. Do not reuse container. Wrap container in several layers of newspaper and discard in trash.

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