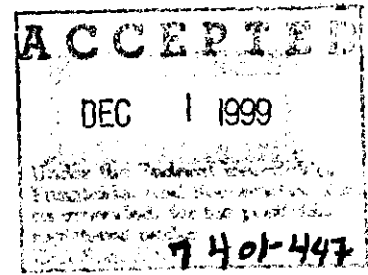


[FRONT LABEL PANEL]

**Hi-Yield®**

**GARDEN, PET & LIVESTOCK 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
- 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> .....	99.75%
<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
Azalea	Cockscomb	Juniper	plant
Baby's breathe	Dracaena	Lily	Pciasettia
Begonia	Dumbcane	Marigold	Portulaca
Birds-nest fern	English ivy	Palm	Pothos
Bleeding heart	Fuschia	Pansy	Prayer Plant
Carnation	Gladiolus	Piperomia	Purple passion

**[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         | Dahlias          | Gladiolus                | ..... |
| Camellias       | Delphinium       | Gold Bells               | ..... |
| Carnations      | Dogwood          | Grape Vines (ornamentai) | ..... |
|                 |                  |                          | ..... |
|                 |                  |                          | ..... |
|                 |                  |                          | ..... |

**[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.

<b>FRUITS &amp; VEGETABLES</b>	<b>TARGET PESTS</b>	<b>REMARKS</b>
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>

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

<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

**[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.

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EPA Establishment No. 7401-TX-1

