

ACCEPTED
APR - 7 2005
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 28293-126

UNICORN PERMETHRIN DUST

[] Indicates alternate or optional wording

For Use On: [Can be used on]

- * **Livestock**
- * **Pets**
- * **Home Ornamentals**
- * **Home Gardens**

[Ready to Use]

*** Kills [over] 60 [60+] [types of] Insects
[on Vegetables, Ornamentals, Fruits]**

[Kills Bugs (Apple Aphid, Armyworm, Artichoke Plume Moth, Asparagus Beetle, Aster Leafhopper, Beet Armyworm, Cabbage Aphid, Cabbage Looper, Codling Moth, Colorado Potato Beetle, Corn Earworm, Corn Rootworm (Adult), Cucumber Beetle (Adult), Cutworm, Cutworm Complex, Diamondback Moth, European Corn Borer, Fall Armyworm, Filbertworm, Flea Beetle, Fruit Fly, Granulate Cutworm, Green Fruitworm, Hornworm, Imported Cabbageworm, Japanese Beetle, Leafhopper, Leafminer, Lepidopterous Larvae, Lesser Peachtree Borer, Lygus Bug, Melon Worm, Mirid Bug, Navel Orangeworm, Obliquebanded Leafroller, Omnivorous Leafroller, Onion Maggot (Adult), Onion Thrips, Oriental Fruit Moth, Peach Twig Borer, Pear Pysilla, Pepper Weevil, Pickle Worm, Plant Bug (Including Lygus and Stink Bug), Plum Curculio, Potato Aphid, Potato Flea Beetle, Potato Leafhopper, Potato Pysllid, Potato Tuberworm, Redbanded Leafroller, Rindworm, Rose Chafer, Southern Armyworm, Spotted Tentiform Leafminer, Squash Bug, Squash Vine Borer, Stink Bug, Tarnished Plant Bug, Thrips, Tomato Fruitworm, Tomato Pinworm, Vegetable Leafminer, Walnut Husk Fly, White Apple Leafhopper)]

- [Kills Beetles, Caterpillars & Bugs] [Kills Japanese Beetles, Aphids, Horn Worms and other listed pests]**
- **Controls Fleas & Ticks on Dogs & Cats [Use on Dogs & Cats to Kill Fleas, Ticks and Lice]**
- * **Effective Long Lasting Control [Use on Vegetables, Roses, Flowers & Fruit Trees]**
- [For Home Gardens - Vegetables, Fruit Trees and Ornamental Plants]**
- [Use on Home Garden Fruits, Roses, Vegetables & Ornamental Plants]**
- [Use on Fruit Trees, Flowers, Fruits & Vegetables]**

[Kills Aphids, Armyworms, Beetles, Caterpillars, Japanese Beetles, Plus others listed! See Back]

[Product Facts: Kills Insects • Beetles (including Japanese & Cucumber Beetles), Caterpillars (including Armyworm, Beet Armyworm, Cabbage Looper, Corn Earworm, Cutworm, Diamondback Moth, Fall Armyworm, Hornworm, Imported Cabbageworm, Lepidopterous Larvae, Lesser Peachtree Borer, Oriental Fruit Moth, Peach Twig Borer, Southern Armyworm, Tomato Fruitworm, Tomato Pinworm), Leafhoppers & other Garden Insects [and other insects as listed] • Plus Fleas & Ticks

Where to Use • In your Garden on Vegetables, Fruits & Ornamentals (including Roses) • On Dogs & Cats]

ACTIVE INGREDIENT:

Permethrin* 0.25%

INERT INGREDIENTS: 99.75%

Total: 100.00%

* Cis/trans ratio: Min. 35% (±) cis, Max. 65% (±) trans

KEEP OUT OF REACH OF CHILDREN

CAUTION

See Side/Back Panel [Booklet] for Additional Precautions

NET CONTENTS:

MANUFACTURED BY:

Unicorn Laboratories
12385 Automobile Blvd.
Clearwater, Florida 33762
(727) 578-4545

- READ ENTIRE LABEL BEFORE EACH USE.
- FOR PET USE - USE ONLY ON CATS OR DOGS.

PRECAUTIONARY STATEMENTS
Hazards to Humans and 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 amounts of water. If signs continue, consult a veterinarian immediately.

FIRST AID	
If in eyes	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. • Call a poison control center or doctor for treatment advice.
If on skin or clothing	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
If swallowed	<ul style="list-style-type: none"> • Call poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
If inhaled	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.
<p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment. [You may also contact 1-800-222-1222 {or specific company number} for emergency medical treatment information.]</p>	

Physical and Chemical Hazards

Do not use or store near heat or open flame.

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 directly to water. (for final printed labeling with homeowner uses only)] Do not contaminate water by cleaning of equipment or disposal of wastes.

DIRECTIONS FOR USE

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

BEEF AND DAIRY CATTLE AND HORSES:

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 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 Hornflies 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.

PETS: To control [kills] Fleas, Ticks and Lice [use] on Cats and Dogs, dust animals thoroughly, working the dust into the hair down to the skin. Pay close attention to legs and feet. Use ½ oz. on animals 20 pounds and under and 1 oz. on pets over 20 pounds. Avoid getting dust in pet's eyes. Reapply every two (2) weeks as needed. Do not use on cats or dogs under twelve (12) weeks of age. Dust sleeping area including bedding and cracks and crevices.

HOME GARDENS: For Use on Home Gardens. Not for Use on Plants being grown for Sale or other Commercial Use. [HOW TO APPLY]

Wearing household latex or rubber gloves, use a dust applicator such as a shaker can, dust gun, puffer or other bulbous duster, rotary duster or other appropriate duster as available. [Wearing household latex or rubber gloves, open shaker side of cap and shake gently to apply. Wearing household latex or rubber gloves, pull red cap open and squeeze container to apply. (*directions to be used when packaged in an applicator container – the statement used depends upon type of container packaged.*)] Dust lightly to cover both upper and lower leaf surfaces with a thin, even film of dust. (Many insects hide on the underside of the leaf). **Apply when air is calm to avoid drift and contact with eyes and skin.**

Controls a wide range of insect pests. **[WHEN TO APPLY]** Use at first signs of insect infestation, preferably before damage from feeding occurs. **Note the pre-harvest (time between use and harvest) interval with each crop listed.**

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Directions for Application**Crop****Target Pest****Remarks** [Applications Per Season (Max)]

[Insects Controlled]

[Days To Wait To Harvest][as separate columns]

Cole Crops

Broccoli

Cabbage Looper
Imported Cabbageworm
Diamondback Moth
Cabbage Aphid

Dust lightly. Apply up to 8 times per season. May be applied until 1 day before harvest.

Brussel Sprouts

Cabbage Looper
Imported Cabbageworm
Diamondback Moth
Cabbage Aphid

Dust lightly. Apply up to 8 times per season. May be applied until 1 day before harvest.

Cabbage

Cabbage Looper
Imported Cabbageworm
Diamondback Moth
Cabbage Aphid

Dust lightly. Apply up to 5 times per season. May be applied until 1 day before harvest.

Cauliflower

Cabbage Looper
Imported Cabbageworm
Diamondback Moth
Cabbage Aphid

Dust lightly. Apply up to 8 times per season. May be applied until 1 day before harvest.

Chinese Broccoli*
(gai lon, white
flowering)Cabbage Looper
Imported Cabbageworm
Diamondback Moth
Cabbage Aphid

Dust lightly. Apply up to 8 times per season. May be applied until 1 day before harvest.

* Not for use in California

Chinese Cabbage
(tight-heading
varieties only)Cabbage Looper
Imported Cabbageworm
Diamondback Moth
Cabbage Aphid

Dust lightly. Apply up to 5 times per season. May be applied until 1 day before harvest.

Collards (For use
in AR, AZ, GA, IL,
NC, OK, SC & TX only)Cabbage Looper
Imported Cabbageworm
Diamondback Moth
Cabbage Aphid

Dust lightly. Apply up to 8 times per season. May be applied until 1 day before harvest.

Directions for Application		
Crop	Target Pest [Insects Controlled]	Remarks [Applications Per Season (Max)] [Days To Wait To Harvest][as separate columns]

Cucurbit Vegetables

Cucurbit Vegetables*	Leafminer	
	Squash Bug	
	Cabbage Looper	
	Cucumber Beetle (adult)	Dust lightly. Apply up to 8 times per season. May be applied until harvest.
	Cutworm	
	Melon Worm	
	Pickle Worm	
	Plant Bug (including Lygus and Stink Bug)	
	Rindworm	
	Squash Vine Borer	

*Cucurbit Vegetables are: Chayote(fruit), Chinese Waxgourd, citron melon, cucumber(gherkin), gourds(edible includes hyotan, cucuzza, hechima, Chinese Okra), Momordica spp.(includes balsam apple, balsam pear, bitter melon, Chinese cucumber), muskmelons(includes true cantalope, cantalope, casaba, crenshaw, golden porshaw, honeydew melons, honey bells, mango melon, Persian melon, pineapple melon, Santa Claus melon, snake melon, pumpkin, squash (summer such as crookneck, scallop, straightneck, vegetable marrow, zucchini), squash(winter such as butternut, calabaze, hubbard, acorn, spaghetti), watermelon(includes hybrids).

Fruiting Vegetables

Eggplant	Colorado Potato Beetle	Dust lightly. Apply up to 10 times per season. May be applied until 3 days before harvest.
	Vegetable Leafminer	
	Cabbage Looper	
	Flea Beetle	
Peppers (Bell)	Pepper Weevil	Dust lightly. Apply up to 8 times per season. May be applied until 3 days before harvest.
	Vegetable Leafminer	
	Cabbage Looper	
	Flea Beetle	
	European Corn Borer	

Directions for Application**Crop****Target Pest****Remarks** [Applications Per Season (Max)]

[Insects Controlled]

[Days To Wait To Harvest][as separate columns]

Fruiting Vegetables (continued)

Tomatoes

Tomato Fruitworm
 Cabbage Looper
 Tomato Pinworm
 Vegetable Leafminer
 Beet Armyworm
 Southern Armyworm
 Colorado Potato Beetle
 Granulate Cutworm
 Hornworm

Dust lightly. Apply up to 6 times per season. May be applied until day of harvest.

Leafy Vegetables

Leafy Vegetables*
 (Except brassica)

Vegetable Leafminer
 Cabbage Looper
 Cutworm Complex
 Fall Armyworm
 Beet Armyworm
 Corn Earworm
 Leafhopper
 European Corn Borer

Dust lightly. Apply up to 5 times per season. May be applied until 1 day before harvest.

*Leafy vegetables are: Amaranth, arugula, cardoon, celery, chinese celery, celtuce, chervit, corn salad, chrysanthemum, edible-leaved chrysanthemum, garland, cress(garden, yellow rocket and winter), dandelion, dock(sorrel), endive, fennel, lettuce (head and leaf), orach, parsley, purslane(winter and garden), radicchio, rhubarb, spinach, spinach vine(Malabar spinach and Indian spinach), spinach(New Zealand), Swiss Chard.

Root, Tuber, and Bulb Vegetables

Onions

(Dry bulb and Garlic)

Onion Thrips
 Armyworm
 Cutworm
 Leafminer
 Onion Maggot(Adult)
 Stink Bug

Dust Lightly. Apply up to 6 times per season. May be applied until 1 day before harvest.

Directions for Application**Crop****Target Pest****Remarks** [Applications Per Season (Max)]

[Insects Controlled]

[Days To Wait To Harvest][as separate columns]

Root, Tuber, and Bulb Vegetables (continued)

Potatoes

Colorado Potato Beetle
 Potato Leafhopper
 Aster Leafhopper
 Potato Flea Beetle
 Potato Aphid
 Potato Tuberworm
 Potato Psyllid
 Cabbage Looper

Dust lightly. Apply up to 8 times
 per season. May be applied
 until 14 days before harvest.

Turnips

(FL, GA, IL, IN, OK,
SC, TX, WA only)

(TX, OK, IL, IN only)

(SC, GA, FL, WA only)

Cabbage Looper
 Imported Cabbageworm
 Diamondback Moth
 Cabbage Aphid

Dust lightly. May be applied until
 1 day before harvest.

Apply up to 8 times per season
Apply up to 4 times per season

Cereal Grains

Sweet Corn

Corn Earworm
 European Corn Borer
 Fall Armyworm
 Southern Armyworm
 Corn Rootworm(Adult)
 Cutworm

Dust lightly. Apply up to 6 times
 per season. May be applied
 until 1 day before harvest.

(FL only)

Aster Leafhopper
 Flea Beetle

Apply up to 8 times per season**Other Crops**

Artichokes

Artichoke Plume Moth

Dust lightly. Apply up to 5 times
 per season. May be applied
 until day of harvest.

Asparagus

Cutworm Complex
 Asparagus Beetle

Dust lightly. Apply up to 4 times
 per season. May be applied
 until 1 day before harvest.

Directions for Application**Crop****Target Pest**

[Insects Controlled]

Remarks [Applications Per Season (Max)]

[Days To Wait To Harvest][as separate columns]

Ornamentals

Asparagus Fern

Japanese Beetle
Asparagus Beetle
Lygus Bug

Dust lightly. Apply to the fern stage of asparagus plant after spear harvest when adult stage of the Asparagus beetle, Lygus bugs and the adult stage of the Japanese Beetle are present.

Roses

Beet Armyworm
Cabbage Looper
Omnivorous Leafroller

Dust lightly.

Tree Crops

Dust lightly, using a dust gun or rotary duster [an appropriate duster as available].

Almonds

Navel Orangeworm
Peach Twig Borer

Dust lightly. Apply up to 5 times per season. May be applied until 1 day before harvest.

Apples

Apple Aphid
Redbanded Leafroller
Obliquebanded Leafroller
Plum Curculio
White Apple Leafhopper
Spotted Tentiform Leafminer
Tarnished Plant Bug

Dust lightly. Do not apply after petal fall.

Avocados

Thrips
Leafhopper
Mirid Bug
Lepidopterous Larvae

Dust lightly. Apply up to 6 times per season. May be applied until 7 days before harvest.

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Directions for Application		
Crop	Target Pest [Insects Controlled]	Remarks [Applications Per Season (Max)] [Days To Wait To Harvest][as separate columns]

Tree Crops (continued)

Cherries	Lesser Peachtree Borer Rose Chafer Green Fruitworm Redbanded Leafroller Plum Curculio Tarnished Plant Bug	Dust lightly. Apply when insects appear. In the East: do not exceed 6 applications per season, with no more than 4 applications after petal fall. In the West: do not apply more than 4 applications per season, with no more than 3 applications after petal fall.
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Filberts	Filbertworm Obliquebanded Leafroller	Dust lightly. Apply up to 4 times per season. May be applied until 14 days before harvest.
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Papaya (For use in Florida only)	Fruit Fly	Dust lightly. Apply up to 6 times per season. May be applied until 7 days before harvest.
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Peaches	Peach Twig Borer Oriental Fruit Moth Green Fruitworm Lesser Peachtree Borer Plum Curculio Tarnished Plant Bug Rose Chafer	Dust lightly. Apply up to 5 times per season. May be applied until 14 days before harvest.
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Pears (Dormant)	Pear Psylla	Dust lightly. Apply up to 2 times per season. May be applied during the dormant through the delayed dormant growth periods only.
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Pears (Pre-Bloom)	Pear Psylla Codling Moth Green Fruitworm	Dust lightly. Apply up to 2 times per season. May be applied from dormant through bud burst.
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Directions for Application		
Crop	Target Pest [Insects Controlled]	Remarks [Applications Per Season (Max)] [Days To Wait To Harvest][as separate columns]

Pistachios	Peach Twig Borer Navel Orangeworm	Dust lightly. Apply up to 2 times per season. May be applied until 10% hull split.
Walnuts	Navel Orangeworm Codling Moth Walnut Husk Fly	Dust lightly. Apply up to 8 times per season. May be applied until 1 day before harvest

[Editor's Notes: Alternate Chart for Vegetables/Melons and Fruit/Nut Trees and Insects Controlled narrative]

VEGETABLES & MELONS [Crop – Dust lightly]	Applications Per Season (Max)	Days to Wait To Harvest [Pre-harvest Interval]
[Cole Crops -] Broccoli, Brussels sprouts & cauliflower	8	1 [day]
[Cole Crops -] Cabbage & Chinese cabbage (tight-heading varieties only)	5	1 [day]
[Cucurbit Vegetables including] Cucumbers, gourds, [honeydew] melons, [pumpkins, cantaloupe, zucchini,] squash [and watermelon (including hybrids)]	8	0 [May be applied until harvest]
Eggplant	10	3 [days]
Peppers (bell) [including green peppers]	8	3 [days]
Tomatoes	6	0 [May be applied until harvest]
[Leafy Vegetables (except brassica) including] Amaranth, arugula celery, lettuce (head and leaf), parsley, radicchio, rhubarb, spinach & Swiss chard	5	1 [day]
Onions (dry bulb & garlic)	6	1 [day]
Potatoes	8	14 [days]
Sweet corn	6 (FL only 8) [8 in Florida]	1 [day]
Artichokes	5	0 [May be applied until harvest]
Asparagus	4	1 [day]

FRUIT & NUT TREES [Tree Crops – Dust lightly using a dust gun or rotary duster]	APPLICATIONS PER SEASON (MAX)	DAYS TO WAIT TO HARVEST/ COMMENTS [Pre-harvest Interval / Remarks]
Apples		Do not apply after petal fall.
Cherries (in the East)	6	No more than 4 applications after petal fall
Cherries (in the West)	4	No more than 3 applications after petal fall.
Peaches	5	14 [days]
Pears (Dormant)	2	May be applied during the dormant through the delayed dormant growth periods only.
Pears (Pre-bloom)	2	May be applied from dormant through bud burst.
Walnuts	8	1 [day]

[INSECTS CONTROLLED

On Fruit & Nut Trees: Apple aphid, caterpillars, codling moth, filbertworm, fruit fly, green fruitworm, leafhoppers, leafrollers, lesser peachtree borer, mirid bug, naval orangeworm, oriental fruit moth, peach twig borer, pear psylla, plum curculio, rose chafer, spotted tentiform leafminer, tarnished plant bug, thrips and walnut husk fly.

On Vegetables & Melons: Aphids, armyworms, artichoke plume moth, asparagus beetle, cabbage looper, Colorado potato beetle, corn earworm, corn rootworm (adult), cucumber beetle (adult), cutworms, diamondback moth, European corn borer, flea beetles, hornworms, imported cabbageworm, leafhoppers, leafminers, melon worm, onion maggot (adult), onion thrips, pepper weevil, pickle worm, plant bugs (including lygus, squash and stink bugs), potato psyllid, potato tuberworm, rindworm, squash vine borer, tomato fruitworm and tomato pinworm.

On Ornamentals (Including Roses): Asparagus beetle, beet armyworm, cabbage looper, Japanese beetle, lygus bug and omnivorous leafroller]

Alternate or optional wording below in brackets “[]” to be used before Directions for Use or on front panel.

[100% Satisfaction {company logo} Guaranteed]

[Shaker Top Applicator]

[This product delivers effective long lasting control of Aphids, Armyworms, Beetles, Caterpillars, Japanese Beetles plus other listed pests.]

[Protecting your garden from pests has never been easier.]

READ THE LABEL FIRST!

QUICK FACTS	
<ul style="list-style-type: none"> • Kills Over 60 Types of Insects • Effective Long Lasting Control • Use on Fruit Trees, Flowers, Fruits and Vegetables • Use on Dogs and Cats to Kill Fleas, Ticks and Lice 	
KILLS	Aphids, Armyworms, Beetles, Japanese Beetles, Cabbage Worms, Caterpillars, Horn Worms, Fruit Flies, Fleas, Ticks and other listed pests
WHERE TO USE	Use on Home Garden Fruits, Roses, Flowers and Vegetables Use on Dogs & Cats
(telephone computers icons)	For questions or comments, call toll-free {specific customer number} or visit us on-line at {specific customer website}

[Product Usage: Home Gardens – Kills – 60+ Insects including Apple Aphids, Armyworms, Cabbage Loopers, Colorado Potato Beetles, Cutworms, Leafminers, Japanese Beetles and other insects as listed.

Use On – Vegetables, Fruit and Ornamental Plants

Usage – Dust Lightly

Pet Use – Kills – Fleas, Ticks, Lice

Use On – Dogs and Cats

Usage – Dust Animals Thoroughly]

[IMPORTANT: DIRECTIONS FOR] STORAGE AND DISPOSAL

STORAGE: Store in cool, dry place. Do not contaminate feed or foodstuffs by storage or disposal.

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.

[Money Back Guarantee: If you are not satisfied with this product, we will gladly refund your original purchase price.]