Please read instructions	on reverse before comple	ting form.	Form Appr	roved.	OMB No. 20	70-0060		
United States Environmental Protection A Washington, DC 20460			ncy	XX	Registra Amendr Other No	nent	OPP Identifie 29 ation	1622
		Application for F	Pesticide - Sec	tion	<u> </u>			
1. Company/Product Nu	_		2. EPA Product Man			3. Pr	oposed Classif	ication
Unicorn Labo		93-126	George T.	LaR	locca	[xx	None	Restricted
4. Company/Product (Na Unicorn Peri	me) methrin Dust		PM# 13				.l	'
5. Name and Address of Applicant (Include ZIP Code) Unicorn Laboratories 12385 Automobile Blvd. Clearwater, FL 33762 Check if this is a new address			6. Expedited Rev (b)(i), my product to: EPA Reg. No Product Name	is sim				
		Sec	tion - II					
Add alter Notification - Expression - Expres	response to Agency letter rnate language plain below. currently appropriate if necessare ation is consi	c) charts that coved uses (Po	Agency let "Me Too" Other - Exp PR Notice	ter dat Applica plain be 98	otion. S-TO) Thted la	bel a	CT 2 8 20	002
or the confidence of the confidence of PRN and I may be action and position and pos		eent of formulect. 1001 to that if this CFR 152.46, if orcement Sections	la of this p willfully p s notification this product ionally of p	product ma	duct. e any fa is not ny be in	unde alse a consi	erstand statemen stent w	that it i t to ith the
Child-Resistant Packaging Yes* No No No		Water	Soluble Packaging Yes No		2. Type of	Container Metal Plastic Glass		
* Certification must be submitted If "Yes" No. per Unit Packaging wgt. No. per Packaging wgt.			" No. per le wgt containe	or .		Paper Other (S	Specify)	
3. Location of Net Contents Information 4. Size(s) Retail Label Container		4. Size(s) Retail Contail	ner	5. Lo	On Label On Label		ons npanying produ	ıct
6. Manner in Which Label is Affixed to Product Lithograph Paper glue Stenciled			Othe	r				_
4.0	dada tanan dina at 1		ion - IV	<u> </u>				
1. Contact Point (Complete items directly below for identification of it Name Barbara J. Varner Title VP			Telephone No. (Include Area Code) (727) 578-4545					
Certification I certify that the statements I have made on this form and all attachr I acknowledge that any knowingly false or misleading statement may both under applicable law.							6. Dete Appli Received (Stam	
2. Signature 3.			Admin./Compl	lian	ice •	····	• • • • •	
4. Typed Name Barbara J. Varner			15/02				,	

UNICORN PERMETHRIN DUST

[] Indicates alternate or optional wording

For Use On: [Can be used on]

- Livestock
 - Pets
- Home Ornamentals
- Home Gardens
- Kills [over] 60 [60+] [types of] Insects [on Vegetables, Ornamentals, Fruits]

[Kills Bugs (Apple Aphid, Armyworm, Artichoke Plume Moth, Aspargus 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 Pyslla, Pepper Weevil, Pickle Worm, Plant Bug {including Lygus and Stink Bug}, Plum Curculio, Potato Aphid, Potato Flea Beetle, Potato Leafhopper, Potato Pysliid, 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]

• Controls Fleas & Ticks on Dogs & Cats [Use on Dogs & Cats to Kill Fleas, Ticks and Lice]

Effective Long Lasting Control

[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:

KEEP OUT OF REACH OF CHILDREN CAUTION

See Side/Back Panel for Additional Precautions

NOTIFICATION

OCT 2 8 2002

NET CONTENTS:

MANUFACTURED BY:

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

EPA REG. NO. 28293-126 (E: 1/23/02) Notif 10/15/02 Page 1

EPA EST, NO. 58953 MO-1A; 44616-MO-1B; 44616-GA-1C; 59144-GA-1E, 62703-MO-1I Subscript used is first letter of run code on container

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

- 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	 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	 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	 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.
Have the product for treatment.	container or label with you when calling a poison control center or doctor, or going

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.

<u>POULTRY:</u> To control Northern Fowl Mites, apply at a rate of 1 lb per 100 birds. Ensure thorough treatment of vent area.

PETS: To control Fleas, Ticks and Lice on Cats and Dogs, dust animals thoroughly, working the dust into the hair down to the skin. Pay close attention to legs and feet. Use½ 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.

Directions for Application			
Crop	Target Pest [Insects Controlled]	Remarks [Applications Per Season (Max)] [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 p season. May be applied until 1 da before harvest.	
Brussel Sprouts	Cabbage Looper Imported Cabbageworm Diamondback Moth Cabbage Aphid	Dust lightly. Apply up to 8 times p season. May be applied until 1 da before harvest.	
Cabbage	Cabbage Looper Imported Cabbageworm Diamondback Moth Cabbage Aphid	Dust lightly. Apply up to 5 times poseason. May be applied until 1 da before harvest.	
Cauliflower	Cabbage Looper Imported Cabbageworm Diamondback Moth Cabbage Aphid	Dust lightly. Apply up to 8 times p season. May be applied until 1 da before harvest.	
Chinese Broccoli* gai lon, white flowering) Not for use in California	Cabbage Looper Imported Cabbageworm Diamondback Moth Cabbage Aphid	Dust lightly. Apply up to 8 times possesson. May be applied until 1 da before harvest.	
Chinese Cabbage tight-heading varieties only)	Cabbage Looper Imported Cabbageworm Diamondback Moth Cabbage Aphid	Dust lightly. Apply up to 5 times possesson. May be applied until 1 da before harvest.	
Collards (For use n AR, AZ, GA, IL, NC, OK, SC & TX only)	Cabbage Looper Imported Cabbageworm Diamondback Moth Cabbage Aphid	Dust lightly. Apply up to 8 times pe season. May be applied until 1 da before harvest.	
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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)

Cutworm Melon Worm Pickle Worm

Plant Bug (including Lygus

and Stink Bug)

Rindworm

Squash Vine Borer

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

*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 Vegetable Leafminer

Cabbage Looper

Flea Beetle

Dust lightly. Apply up to 10 times per

season. May be applied until 3 days

before harvest.

Peppers (Bell)

Pepper Weevil

Vegetable Leafminer Cabbage Looper

Flea Beetle

European Corn Borer

Dust lightly. Apply up to 8 times per season. May be applied until 3 days

before harvest.

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Directions for Application

Crop **Target Pest**

Remarks [Applications Per Season (Max)] [Days To Wait To Harvest][as separate columns]

Fruiting Vegetables (continued)

Tomatoes Tomato Fruitworm

Cabbage Looper

Tomato Pinworm

Vegetable Leafminer Beet Armyworm

[Insects Controlled]

Southern Armyworm Colorado Potato Beetle Granulate Cutworm

Hornworm

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 6 times per

season. May be applied until day of

harvest.

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 chrysanthenum, garland, cress(garden, yellow rocket and winter), dandelion, dock(sorrel), endive, fennel, lettuce (head and leaf), orach, parsley, purslane(winter and garden), radiccio, rhubarb, spinach, spinach vine(Malabar spinach and Indian spinach), spinach(New Zealand), Swiss Chard.

Root, Tuber, and Bulb Vegetables

Onions

Onion Thrips

(Dry bulb and Garlic)

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	Target Pest [Insects Controlled]	Remarks [Applications Per Season (Maz [Days To Wait To Harvest][as separate column
Root, Tuber, and Bulb V Potatoes	Colorado Potato Beetle Potato Leafhopper Aster Leafhopper Potato Flea Beetle Potato Aphid Potato Tuberworm Potato Psyllid	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 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)	Dust lightly. Apply up to 6 times per season. May be applied until 1 day before harvest.
EL only)	Cutworm Aster Leafhopper Flea Beetle	Apply up 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.
:PA REG. NO. 28293-126 (E: 1/23/0/	2) Page 7	EPA EST. NO. 58996-MC-1A; 44616-MO-1B;

* * 3 / . 1 1 /

Directions for Application				
Crop	Target Pest	Remarks [Applications Per Season (Max)		
	[Insects Controlled]	[Days To Wait To Harvest][as separate columns		
rnamentals				
sparagus Fern	Japanese Beetle Asparagus Beetle Lygus Bug	Dust lightly. Apply to the fern stage of asparagus plant after speer harvest when adult stage of the asparagus beetle, lygus bugs and the adult stage of the Japanese beetle are present.		
oses	Beet Armyworm Cabbage Looper Omnivorous Leafroller	Dust lightly.		
ree Crops ust lightly, using a d	ust gun or rotary duster [an approp	riate duster as available].		
lmonds	Navel Orangeworm Peach Twig Borer	Dust lightly. Apply up to 5 times per season. May be applied until 1 day before harvest.		
pples	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.		
vocados	Thrips Leafhopper Mirid Bug Lepidopterous Larvae	Dust lightly. Apply up to 6 times per season. May be applied until 7 days before harvest.		

Directions for Applica 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.	
Filberts	Filbertworm Obliquebanded Leafrolle	Dust lightly. Apply up to 4 times per season. May be applied until 14 days before harvest.	
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.	
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.	
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.	
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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EPA EST. NO. 58593-110 1A; 44616-MO-1B; 44616-GA-1C; 591444-GA-1E, 62793-MO-11 Subscript used is first letter of run code on container

Directions for Application				
Crop	Target Pest	Remarks (Applications Per Season (M.		
	[Insects Controlled]	[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.

Navel Orangeworm Dust lightly. Apply up to 8 times Walnuts

Codling Moth per season. May be applied Walnut Husk Fly until 1 day before harvest

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

VEGETABLES & MELONS	Applications Per Season (Max)	Days to Wait To Harvest
Brocoli, brussels sprouts & cauliflower	8	1
Cabbage & Chinese cabbage (tight-heading varieties only)	5	1
Cucumbers, gourds, melons & squash	8	0
Eggplant	10	3
Peppers (bell)	8	3
Tomatoes	6	0
Amaranth, arugula celery, lettuce (head and leaf), parsley, radiccio, rhubarb, spinach & Swiss chard	5	1
Onions (dry bulb & garlic)	6	1
Potatoes	8	14
Sweet corn	6 (FL only 8)	1
Artichokes	5	0
Asparagus	4	1

FRUIT &	APPLICATIONS PER	
NUT TREES	SEASON (MAX)	DAYS TO WAIT TO HARVEST/ COMMENTS
Apples		Do not apply after petal fail.
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
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

(INSECTS CONTROLLED

On Fruit & Nut Trees: Apple aphid, caterpillars, codling moth, filbertworm, fruit fly, green fruitworm, leafhappers, 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.

[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]

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.

EPA EST. NO. 58990-MQ-1A; 44616-MO-1B; 44616-GA-1C; 59144-GA-1E, 62793-MO-1I Subscript used is first lettop of your code; on container