



United States  
Environmental Protection Agency  
Washington, DC 20460

Registration  
 Amendment  
 Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 64321-4	2. EPA Product Manager LaRocca	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) BIO KILL FLORA Brand Insecticide	PM# 13	
5. Name and Address of Applicant (Include ZIP Code) Bio-Environmental Products 782-A Lydig Avenue Bronx, NY 10642 <input checked="" type="checkbox"/> Check if this is a new address	6. Expedited Review. 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 10 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 to amend Storage & Disposal text for compliance with PRN 2001-6.

This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the Confidential Statement of Formula of this product. BioEnvironmental Products Corporation understands that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA, and further understands that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and BioEnvironmental Products Corporation 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:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Metal	<input type="checkbox"/> Plastic
* Certification must be submitted	If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt.	No. per container	<input type="checkbox"/> Glass
					<input type="checkbox"/> Paper
					<input type="checkbox"/> Other (Specify) _____
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stencilled			<input type="checkbox"/> Other _____		

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Rebecca M. Horton	Title Consultant/Agent	Telephone Nu. (Include Area Code) 540-375-8826
2. Signature <i>Rebecca M. Horton</i>		6. Date Application Received (Stamped)
3. Title Consultant/Agent		
4. Typed Name Rebecca M. Horton	5. Date April 22, 2002	

2/5

**[FRONT PANEL]**

**BIO KILL® FLORA Brand Insecticide**

**NOTIFICATION**

**MAY 10 2002**

Ready to Use Leaf Shine and Insecticide Product

For use on Indoor Plants and Plantscapes

Insect Repellent

Contains PERMETHRIN

SHINES PLANT LEAVES while controlling plant pests

KILLS fungus gnats, leafminers, exposed thrips and whiteflies

Controls spider mites, scale and cutworms on Orchids, English Ivy (see back of label for complete listing)

Ready to Use Formula

Odorless in application, WATER-BASED emulsion.

Will NOT STAIN water-safe fabrics.

A contact and residual spray.

Safe to use on over 60 varieties of ornamentals\*

\*when used according to label instructions.

Controls most ornamental pests

To control (kill) vegetable pests.

Use on home vegetable gardens, fruit and nut trees.

**ACTIVE INGREDIENT:**

Permethrin . . . . . 0.025%

**OTHER INGREDIENTS:** . . . . . 99.975%

100.000%

**CAUTION**

**Keep Out of Reach of Children**

**NET CONTENTS \_\_\_\_\_**

**[BACK/SIDE/OTHER PANEL(S)]**

**NOTE:** Do not allow contact with treated surfaces until spray has dried. Wash thoroughly after handling and before eating or smoking. Do not allow spray to contact food or water supplies.

**ENVIRONMENTAL HAZARDS:** This product is extremely toxic to fish and aquatic organisms. Do not apply directly to any body of water. Do not contaminate water when disposing of equipment washwater. 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 being grown for sale or other commercial use, or for commercial seed

production, or for research purposes. For use on plants intended for aesthetic purposes or climatic modification and being grown in interior plantscapes.

**SHAKE WELL BEFORE EACH USE.** Turn nozzle to spray position, point away from face and squeeze trigger to spray.

**INDOOR HOUSEPLANTS, FLOWERS & ORNAMENTALS**

Use sufficient spray to obtain full coverage of all plant foliage. Adjust spray volume used to plant size.

Controls (Kills) *aphids, armyworms, corn earworms, fall cankerworms, inchworms, Japanese beetles, leafminers, leafrollers, mealybugs, scale, spider mites, spring cankerworms, exposed thrips* and *whiteflies* on the following plants:

- Ageratum, Ardisia, Aster, Azalea, Babys breath, Begonia, Birds-nest fern, Bleeding heart, Carnation, Chrysanthemum, Coleus, Crown of thorns, Cockscomb, Cyclamen, Dracaena, Dumbcane, English Ivy, Fuchsia, Gladiolus, Grape Ivy, Hypoestes, Ivy, Juniper, Lily, Marigold, Orchid, Palm, Pansy, Peperomia, Petunia, Philodendron, Piggy-back plant, Poinsettia, Portulaca, Pothos, Prayer plant, Purple passion, Rabbits foot fern, Rose, Schefflera, Snapdragon, Snake plant, Statice, Velvet plant, Verbena, Zinnia

Spray directly on insects to control (kill) *leafrollers, armyworms, cutworms, cabbageworms* on chrysanthemums and *fungus gnats* on velvet plants.

Remove infested plants from living areas prior to application. Spray plants in an area not likely to be occupied by children or pets (particularly fish). When leaves dry, plants can be returned to original location.

Use with care on ferns, palms and fuchsia. 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, spray a few plants as described above, and wait 24 hours and check for possible injury.

**OUTDOOR ROSES, FLOWERS & ORNAMENTALS**

Spray upper and lower leaf surfaces. Use sufficient spray to obtain full coverage of all foliage, but do not spray to the point of runoff. Adjust the amount of spray volume used to plant size. Do not spray plants when temperatures exceed 90° F. Contact insects directly whenever possible. Repeat treatment as needed. Repeat applications may be necessary to control adult Japanese beetles on roses.

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

- African violets, Ageratum, Arizona Cypress, Aster, Azalea, Begonia, Camellia, Carnation, Chrysanthemum, Coleus, Common Ninebark, Common Snowberry, Crassula, Dahlias, Delphinium, Dogwood, Exacum, Euonymous, English Ivy, Fuchsia, Geranium, Gladiolus, Gold Bells, Grape Vines (ornamental), Hypoestes, Ivy, Laurel, Lilac, Marigold, Mock Orange, Nannyberry, Orchid, Palm, Pansy, Pea Shrub, Petunia, Philodendron, Poinsettia, Rhododendron, Rose, Snapdragon, Stocks, Taxus, Wax Plant, Wandering Jew, Weeping Fig, Zinnia.

### ORNAMENTAL TREES AROUND THE HOME

Use sufficient spray to obtain full coverage of all foliage. Avoid heavy wetting. Repeat applications may be necessary to control citrus blackflies on nonbearing citrus.

Controls (Kills): *aphids, bagworms, budworms, cicadas, citrus black flies, elm leaf beetle, elm spanworm, exposed thrips, fall cankerworms, fall webworms, inchworms, leafminers, leafrollers, oakworms, pine moths, pine needle miners, pine beetles, pine needle scale, tussock moths* on the following trees:

Birch, Cherry, Citrus (nonbearing), Conifers, Elm, Firs (Douglas & Grand), Honeysuckle, Oak, Pine, and Tulip Poplar.

### HOME VEGETABLE GARDENS

Spray upper and lower leaf surfaces. Use sufficient spray to obtain full coverage of all foliage, but do not spray to the point of runoff. Apply no more than 13 ounces over 100 linear feet of row (13 oz./100 sq. ft.). Spray plants as needed to ensure uniform coverage. The number in parentheses ( ) following each crop grouping is the pre-harvest interval, i.e., the number of days that must be observed between application and harvest.

**Asparagus (3):** To control (kill) *cutworm, asparagus beetle*. Do not make more than 4 applications per season.

**Asparagus (post-harvest):** To control (kill) *larval stages of asparagus beetle, tarnished plant bug, lygus bug, adult Japanese beetle*. Teat ferns or bush growth after spear harvest when insects are present.

**Celery** - see leafy vegetables.

**Cole Crops (Broccoli, Brussels Sprouts, Cabbage, Cauliflower) (1):** To control (kill) *beet armyworm, Cabbage aphid, cabbage looper, diamond back moth, imported cabbageworm*. Apply every 5 days or as needed. Do not make more than 8 applications per season on cauliflower, Brussels sprouts and broccoli, or more than 10 applications on cabbage.

**Corn** - see sweet corn.

**Cucurbits (Balsam Pear - bitter melon; Chinese waxgourd - Chinese preserving melon; Citron melon; Cucumber; Gherkin; Edible gourds; Melons including hybrids such as cantaloupe, casaba, crenshaw, honeydew, honeyballs, mango melon, muskmelon, Persian melon; Pumpkin, Squash - summer & winter; Watermelon) (0) -** To control (kill) *aphid, cabbage looper, cucumber beetle (adult), cutworm, leafhopper, leafminer, melonworm, pickleworm, plant bug, squash bug*.

**Eggplant (3):** To control (kill) *Colorado potato beetle, vegetable leaf miner*. Do not make more than 16 applications per season.

**Horseradish (22):** To control (kill) *imported crucifer weevil*. Do not make more than 3 applications per season.

**Leafy Vegetables (Amaranth, Arugula, Celery, 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) (1):** To control (kill) *alfalfa looper, aphid, beet armyworm, cabbage looper, corn earworm, cutworm, European corn borer, fall armyworm, Green cloverworm, southern armyworm, tobacco budworm, vegetable leafminer*. Spray every 5-10 days as needed.

**Melons** - see Cucurbits.

**Peppers (3):** To control (kill) *cabbage looper, corn earworm, European corn borer, flea beetle, pepper weevil, vegetable leafminer*. Do not make more than 8 applications per season.

**Potatoes (7):** To control (kill) *beet armyworm, cabbage looper, Colorado potato beetle, cutworm, European corn borer, potato aphid, potato flea beetle, potato leafhopper, potato psyllid, potato tuberworm, tarnished plant bug*. Do not make more than 12 applications per season.

**Spinach (7):** To control (kill) *beet armyworm, cabbage looper, corn earworm, cutworm, European corn borer, green cloverworm, leafhopper*. Do not make more than 7 applications per season.

**Sweet Corn (1):** To control (kill) *corn earworm, European corn borer, fall armyworm, Southern armyworm*. Spray every 5 days and when needed. Do not make more than 6 applications per season.

**Tomatoes (0):** To Control (kill) *beet and Southern armyworms, cabbage looper, Colorado potato beetle, granulate cutworm, hornworm, tomato fruitworm, tomato pinworm*. Do not make more than 6 applications per season.

**HOMEOWNER GROWN FRUIT & NUT TREES**

Spray trees until foliage is dripping wet. Make sure to spray the undersides of leaves and into dense foliage. Apply when insects appear. The number in parentheses ( ) following each tree is the pre-harvest interval, i.e., the number of days that must be observed between application and harvest.

**Almonds (7):** To control (kill) *naval orangeworm, peach twig borer*. Do not make more than 2 applications during hull split. Do not make more than 5 applications per season.

**Apples (0):** To control (kill) *green fruitworm, oblique-banded leafroller, plum curculio, red banded leafroller, rosy apple aphid, spotted tentiform leafminer, tarnished plant bug, white apple leafroller*. Repeat as required to maintain control. Do not make more than 3 applications per season. Do not apply after petal fall.

**Peaches (7):** To control (kill) *green fruitworm, lesser peachtree borer, oriental fruit moth, peach twig borer, plum curculio, tarnished plant bug*. Do not make more than 8 applications per season.

**Pears (14):** To control (kill) *codling moth, green fruitworm, pear psylla*. Do not apply more than 3 applications per season.

**STORAGE & DISPOSAL**

**STORAGE:** Store in a cool, dry place out of reach of children.

**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.

**NOTICE:** Buyer assumes all responsibility for safety and use not in accordance with directions.

Produced by  
**Bio-Environmental Products**  
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Bronx, NY 10642

