



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

MAR 1 2004

Lynne C. Zahigian
Lynne Zahigian Regulatory Consulting
6650 Wade Lane
Stagecoach, NV 89429-8443

Subject: Amendment - Response to Agency's December 23, 2003 letter
Hose 'EM Yard Insect Spray
EPA Reg. No. 54705-12
Your Letter Dated January 9, 2004

Dear Ms. Zahigian:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable subject to the comments listed below. Two (2) copies of the finished labeling must be submitted prior to releasing the product for shipment. A stamped copy of the label is enclosed for your records.

1. Make the following revisions to the Precautionary Statements:
 - a. Replace "Wash thoroughly with soap and water after handling." with "Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco."
 - b. Move "Do not spray animals. People and pets should not be allowed in treated areas until spray has dried." to the Directions for Use.
2. Revise the first statement under Environmental Hazards to read "This product is extremely toxic to fish and other aquatic organisms."

- 3. Under the Vegetable Gardens section,
 - a. In the Cucurbits statement, replace Cherkin” with “Gherkin”.
 - b. In the Horseradish statement, add “(Foliar Application)” after Horseradish and after “do not exceed 3 application.

If you have any questions regarding this action, please contact BeWanda Alexander of my team at (703) 305-7460.

Sincerely,



George T. LaRocca
Product Manager (13)
Insecticide Branch
Registration Division (7505C)



HOSE 'EM™

YARD INSECT SPRAY

(ALTERNATE BRAND NAME — HOSE 'EM™ FRUIT & VEGETABLE INSECT SPRAY)

For Use Only On Residential Lawns, Gardens, Patios & Other Residential Outdoor Areas

[Optional Statement — For Use Only On Residential Vegetable Gardens, Fruit & Nut Trees]

Controls Insects On Your:

- Lawns
- Trees & Shrubs
- Roses & Flowers

[Optional Statement — Controls Insects In Your:

- Vegetable Gardens
- Fruit & Nut Trees]

[Optional Statement — Controls Insects In or On Your:

- Lawns
- Trees & Shrubs
- Roses & Flowers
- Vegetable Gardens
- Fruit & Nut Trees]

ACCEPTED
with COMMENTS
In EPA Letter Dated
MAR 1 2004
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No.
54705-12

Aids in Reducing Annoying Mosquitoes, Flies & Other Flying Insects

No Measuring – No Mixing – Just Attach To Garden Hose, Use & Throw Away

Contains Permethrin, a long-lasting insecticide that provides contact and residual control for up to 4 weeks of many hard-to-kill sucking and chewing insects.

Active Ingredient:

Permethrin [* (3-phenoxyphenyl) methyl±-
cis,trans-3-(2,2-dichloroethyl)-2,2-
Dimethylcyclopropanecarboxylate] 2.50%

Other Ingredients: 97.50%

Total 100.00%

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

EPA Reg. No. 54705-12

HOSE 'EM is a trademark of Lawn and Garden Products, Inc.

EPA Est. No. 48498-CA-1

NET CONTENTS: 32 Fluid Ounces / 1 Quart / 946 mL

Manufactured For:

LAWN AND GARDEN PRODUCTS, INC.
P. O. Box 35000 • Fresno, CA 93745 • (559) 499-2100
www.montereylawnandgarden.com

KEEP OUT OF REACH OF CHILDREN
CAUTION

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USEPA MASTER LABEL

FIRST AID	
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.
<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 the National Pesticide Information Center at 1-800-858-7378 for emergency medical treatment information.</p>	

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: May be harmful if absorbed through skin. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling. Do not spray animals. People and pets should not be allowed in treated areas until spray has dried.

ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to fish. Do not apply directly to water. Drifts and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwaters.

This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment area.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. For Use On Residential Lawns, Gardens, Patios & Other Residential Outdoor Areas. [OPTIONAL: For Use On Residential Vegetable Gardens, Fruit and Nut Trees.]

Read all directions carefully before applying. Shake container well before use. People and pets should not be allowed in treated areas until spray has dried.

HOSE 'EM YARD INSECT SPRAY controls troublesome outdoor insects that harm lawns and gardens and are an annoyance on patios and other outside areas. [OPTIONAL: (Product Name) controls troublesome insects that harm vegetable gardens and fruit and nut trees.]

HOSE 'EM YARD INSECT SPRAY reduces annoying and troublesome outdoor insects that appear during outdoor activities.

Apply HOSE 'EM YARD INSECT SPRAY when insects first appear and repeat as necessary, but not more frequently than every 3 days.

WHERE & HOW TO USE:

LAWNS (Bent, Bermuda, Bluegrass, Dichondra, Fescue, Irish Moss, Merion and St. Augustine)

Pests Controlled: Ants, Armyworms, Brown dog ticks, Chinch bugs, Crickets, Cutworms, Deer ticks, Fleas, Grasshoppers, Japanese beetle grubs, Mole crickets and Sod webworms.

Thoroughly wet down grass a few hours before applying. For heavy infestation, repeat application after 2 weeks. For ants, crickets and grasshoppers, 32 fl. oz. treats 16,000 sq. ft. For other listed insects, 32 fl. oz. treats 5,300 sq. ft.

TREES, SHRUBS, ROSES & FLOWERS (Agertum, Aster, Arizona Cypress, Azalea, Begonia, Birch, Non-Bearing Citrus, Coleus, Common Ninebark and Snowberry, Conifers, Elm, English Ivy, Euonymus, Exocum, Fir, Gladiolus, Gold Bells, Honeysuckle, Hypoestes, Ivy, Lilac, Marigold, Mock-Orange, Nannyberry, Oak, Orchid, Palm, Pansy, Pea Shrub, Petunia, Philodendron, Pine, Poinsettia, Poplar, Rhododendron, Rose, Snapdragon, Taxus, Tulip, Weeping Fig and Zinnia)

Pests Controlled: Aphids, Bagworms, Cicadas, Exposed thrips, Fall cankerworms, Inchworms, Leafminers, Mealybugs, Spider mites and Whiteflies.

Apply by thoroughly wetting all sides of leaves and branches and making sure to penetrate dense foliage. Spray late in the afternoon or evening, when temperatures range from 50 to 75°F and when there is little or no wind. Spray at the first sign of insects. To maintain effectiveness, spray as reinfestation occurs, but use intervals of 4 - 8 days.

BARRIER SPRAY FOR NUISANCE INSECTS:

Reduces annoying nuisance pests such as: Ants, Clover mites, Cluster flies, Crickets, Earwigs, Fleas, Flying moths, Gnats, House flies, Millipedes, Mosquitoes, Sowbugs (pillbugs), Spiders, Tent caterpillars, Ticks.

Outside Surfaces of Buildings: To help prevent infestation of buildings, treat the building foundation to a height of 2 to 3 feet, where insects are active and may find entrance. Also, apply as a residual spray to outside surfaces of buildings, including porches, screens, window frames, eaves, patios, picnic areas, garages, refuse piles, and other areas where these insects congregate or have been seen. To maintain effectiveness, reapply as reinfestation occurs.

Other Outside Areas: To aid in the reduction of annoying flying insects, spray outside surfaces of screens, doors, window frames, around outdoor light fixtures, under patio furniture, in garages and other places where these insects alight or congregate. To treat localized infestation of insects in areas where there are weeds, shrubs or bushes, spray areas thoroughly. For ants, thoroughly wet hills and runways. Reapply as reinfestation occurs.

FRUIT & NUT TREES:

Apply when insects appear. Wet the trees thoroughly, but do not let runoff occur. Try to spray the underside of leaves and penetrate dense foliage.

Almonds:

Pests Controlled: Navel orangeworms, Peach twig borers.

Do not make more than 2 applications during hull split and 5 applications per season. Can be applied up to 7 days prior to harvest.

Apples:

Pests Controlled: Green fruitworms, Leafrollers (Oblique-banded, Redbanded), Plum curculio, Rosy apple aphids, Spotted tentiform leafminers, Tarnished plant bugs, White apple leafhoppers.

Repeat as required to maintain control. Do not make more than 3 applications per season. Do not apply after petal fall.

Peaches:

Pests Controlled: Borers (Lesser peachtree, Peach twig), Green fruitworms, Plum curculio, Oriental fruit moths, Tarnished plant bugs.

Do not apply within 7 days of harvest. Do not make more than 8 applications per season.

Pears:

Pests Controlled: Codling moth, Green fruitworms, Pear psylla.

Do not make more than 3 applications per season. Can be applied up to 14 days prior to harvest.

VEGETABLE GARDENS:

Apply when insects appear. Wet the plants thoroughly, but do not let runoff occur. Try to spray the underside of leaves and penetrate dense foliage. 32 fl. oz. (1 Qt.) treats 5,000 sq. ft.

Asparagus (pre-harvest):

Pests Controlled: Asparagus beetles, cutworms.

Apply uniform coverage as needed. Do not make more than 4 applications per crop. Can be applied up to 3 days prior to harvest.

Asparagus (post-harvest):

Pests Controlled: Beetles (Adult Japanese Beetle, Larval stages of Asparagus Beetle), Lygus bugs, Tarnished plant bugs.

Treat ferns or bush growth after spear harvest when insects are present.

Celery:

Pests Controlled: Armyworms (Beet, Fall, Southern), Cabbage loopers, Cutworms (black, granulate), Vegetable leafminers.

Apply every 3-5 days or as needed. Can be applied up to 3 days prior to harvest. Do not make more than 10 applications per season.

Cole Crops: Broccoli, Brussels Sprouts, Cabbage and Cauliflower.

Pests Controlled: Beet armyworms, cabbage aphids, and loopers, Diamondback moths, Imported cabbageworms.

Apply every 5 days or as needed. Can be applied up to 1 day prior to harvest. Do not make more than 8 applications on Cauliflower, Brussels Sprouts, and Broccoli and 10 applications on Cabbage.

Cucurbits: Balsam Pear (Bitter Melon), Chinese Waxgourd (Chinese Preserving Melon), Citron Melon, Cucumber, Cherkin, Edible Gourds, Melons including hybrids such as Cantaloupe, Casaba, Crenshaw, Honeydew, Honey Balls, Mango Melon, Musk melon, Persian Melon, Pumpkin, Summer & Winter Squash, Watermelon.

Pests Controlled: Aphids, Cabbage Looper, Cucumber Beetle (adults), Cutworms, Leafhoppers, Leafminers, Melonworms, Pickleworm, Plant Bugs, Squash Bugs.

Apply as needed to ensure uniform coverage. Do not exceed 8 applications per season. Can be applied up to the day of harvest.

Eggplant:

Pests Controlled: Colorado Potato beetles, Vegetable leafminers.

Apply for uniform coverage as needed. Do not exceed 16 applications. Can be applied up to 3 days prior to harvest.

Horseradish:

Pests Controlled: Imported crucifer weevils.

Apply as needed, but do not exceed 3 applications. Can be applied up to 22 days prior to harvest.

Head Lettuce:

Pests Controlled: Corn earworms, Beet armyworms, Loopers (Alfalfa, Cabbage), Tobacco budworms.

Apply every 8-10 days as needed. Do not make more than 10 applications per season. Can be applied up to 1 day prior to harvest.

Leafy Vegetables: Amaranth, Arugula, Celery, Celtuce, Chervil, Corn Salad, Chrysanthemum (Edible-leaved and Garland), Cress (Garden and Upland), Dandelion, Dock, Endive, Fennel, Lettuce (Head and Leaf), Okra, Parsley, Purslane (Garden and Winter), Rhubarb, Spinach, Swiss Chard.

Pests Controlled: Alfalfa looper, Aphids, Beet Armyworm, Cabbage Looper, Corn Ear Worm, Cutworms, European Corn Borer, Fall Armyworm, Green Cloverworm, Southern Armyworm, Tobacco Budworm, Vegetable Leaf Miner.

Apply every 5-10 days as needed. Do not exceed 10 applications per season. Can be applied up to 1 day prior to harvest.

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USEPA MASTER LABEL

Potatoes:

Pests Controlled: Beetles (Colorado potato, Potato flea), Beet armyworms, Cabbage loopers, Cutworms, European corn borers, Leaf hoppers (Aster, Potato), Potato aphids, Potato Psyllids, Potato tuberworms, Tarnished plant bugs.
Apply as needed. Do not make more than 12 applications. Can be applied up to 7 days prior to harvest.

Peppers:

Pests Controlled: Cabbage loopers, Corn earworms, European corn borers, Flea beetles, Pepper weevils, Vegetable leafminers.
Apply as needed, but not more than 8 applications per season. Can be applied up to 3 days prior to harvest.

Spinach:

Pests Controlled: Beet armyworms, Cabbage loopers, Corn earworms, Cutworms, European corn borers, Green cloverworms, Leafhoppers.
Apply uniform coverage when needed, but not more than 7 applications per season. Can be applied up to 7 days prior to harvest.

Sweet Corn:

Pests Controlled: Armyworms (Fall, Southern), Corn earworms, European corn borers.
Apply every 5 days or when needed, but not more than 6 applications per season. Can be applied up to 1 day prior to harvest.

Tomatoes:

Pests Controlled: Beet and Southern Armyworm, Tomato Pinworm, Tomato Fruitworm, Horn worms, Granulate cutworms, Colorado Potato Beetle, Cabbage looper.
Apply as needed for uniform coverage. Do not exceed 8 applications per season. Can be applied up to day of harvest.

HOW TO USE THIS HOSE-END SPRAYER: Shake Container Well Before Getting Started

1. Before you start, the blue flow switch should be in the "OFF" position, and the red flow switch should be in the up, "CLOSED" position.
2. Shake container well and attach it to your garden hose, while holding sprayer at waist level and pointing in a direction away from face and body.
3. Turn on water from the faucet.
4. When you are ready to spray, turn the blue flow switch to "ON" position; turn red flow switch to the forward, "OPEN" position; and begin spraying.
5. When you are finished spraying or if you have to stop spraying at any time, turn the blue flow switch back to the "OFF" and the red flow switch to the "CLOSED" position.
6. Turn off the water at the faucet.
7. Remove the container from the garden hose; then rinse thoroughly and store according to storage instructions.

[Insert Drawing of Hose-End Spray Nozzle]

STORAGE AND DISPOSAL

STORAGE: Store in a cool dry place, preferably a locked storage area out of reach of children and domestic animals. Store above freezing. Rinse equipment thoroughly with water after using. Store with container tightly closed. Avoid contamination of food, feed, and domestic water supplies.

CONTAINER 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 TO BUYER

Seller warrants this product conforms to its chemical description on this label and is reasonably fit for the purposes stated on this label when used in accordance with directions under normal use conditions. This warranty does not extend to use of this product contrary to label directions, or under abnormal use conditions, or under conditions not reasonably foreseeable to seller. Buyer assumes all risk of any such use. Seller makes no other warranties, either express or implied.

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[OPTIONAL HOSE-END SPRAYER DIRECTIONS]

1. Make sure knob is twisted fully clockwise to OFF position. Shake well before attaching to hose.
2. Turn Product Control Button clockwise until its point aligns with triangle, then push all the way in. Avoid squeezing bottle.
3. Turn water on at faucet, aim nozzle toward lawn and turn knob counter clockwise to begin spraying.
4. When finished push Product Control Button to OFF position from opposite side. Return knob and faucet to OFF position.
5. Discharge water pressure by turning knob ON and OFF again.
6. Turn Product Control Button counter clockwise away from triangle to prevent accidental discharge.
7. Rinse container thoroughly and store according to Storage Instructions.