

US ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF PESTICIDES PROGRAMS
REGISTRATION DIVISION (75-767)
WASHINGTON, DC 20480

NOTICE OF PESTICIDE:

REGISTRATION
 REREGISTRATION

(Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended)

EPA REGISTRATION NO.

4-349

DATE OF ISSUANCE

OCT 16 1989

TERM OF ISSUANCE

Until Reregistration

NAME OF PESTICIDE PRODUCT

Spinnite Potato Beetle Spinnite

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

161-237656
18 2
BEST AVAILABLE COPY

NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on the product always refer to the above U.S. EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA section 3(c)(2)(B) provided that you:

1. Submit/cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.

2. Make the labeling changes listed below before you release the product for shipment:

a. Add the phrase "EPA Registration No. 4-349."

b. Update the Environmental Hazards statement by changing "cleaning by disposal of wastes" to "disposing of equipment washwaters."

c. Under the section For Use On Lawns for armyworms, cutworms . . . change "100 square feet" to "1000 square feet."

- e. Although you provide dilution rates and tables, you did not identify the diluent. We assume it is water. Please so state in the directions for use and use charts.
- f. Give an application rate for the section titled "For Ornamental Trees Grown Around the Home." The only application rate currently given is for tent caterpillars.
- g. Delete the statement "Do not use in food handling areas." This product is for outdoor use only.
- h. To assist the user in preparing and applying an accurate amount of spray, we suggest incorporation of the following instructions on the pesticide label:

How to Mix and Apply

Step #1: Determine size of spraying job. For lawns and vegetables, measure the area to be sprayed. For all other applications, apply as a thorough cover spray. Make applications when insects first appear. Repeat applications as needed or as noted in the rate chart.

Step #2: Use clean sprayer. Carefully measure and mix the amount of product and water as suggested in the rate chart.

Step #3: Spray as directed in rate chart. Thorough coverage is important. Flush sprayer with clean water after each use.

the application.

3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

George T. LaRocca
Product Manager (15)
Insecticide-Rodenticide Branch
Registration Division (H7505C)

Enclosures

PROVIDES LONG LASTING CONTROL OF PROBLEM INSECTS,
SUCH AS, CO. POTATO BEETLE, CUTWORMS, LEAF MINERS,
BORERS, MITES, CRICKETS. FOR USE OUTDOORS AROUND
BUILDINGS, HOMES, IN SMALL FLOWER AND VEGETABLE
GARDENS, AND ON FRUIT, NUT AND ORNAMENTAL TREES.

CO. POTATO
BEETLE

CUTWORM

BORER

CRICKET

EPA Est. No. 4-NY-1

EPA Reg. No. 4-

ACTIVE INGREDIENTS:

*† Permethrin (3-phenoxyphenyl)methyl (±) Cis, trans-3-(2,2-dichloro-
ethenyl)-2,2-dimethylcyclopropanecarboxylate 13.30% w/w

INERT INGREDIENTS: 86.70%

100.00% w/w

*Cis/trans isomers ratio: min. 35%(±)cis and max. 65%(±)trans.

†U.S. Patent No. 4,024,163

•Penick-Bio UCLAF's Pramer® brand of permethrin insecticide.

Penick-Bio UCLAF Corp., 1050 Wall Street West, Lyndhurst, N.J. 07071

PRECAUCION AL CONSUMIDOR: Si usted no lee Ingles, no use este producto hasta que la
etiqueta le haya sido explicada ampliamente.

(TO THE USER: If you cannot read English, do not use this product until the label has been fully
explained to you.)

KEEP OUT OF REACH OF CHILDREN
WARNING

SEE SIDE PANEL FOR ADDITIONAL
PRECAUTIONARY STATEMENTS AND
STATEMENT OF PRACTICAL TREATMENT

ACCEPTED
with COMMENTS
by EPA Letter Dated:

OCT 16 1989

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for this pesticide
registered under EPA Reg. No.

NET CONTENTS:

PRECAUTIONARY STATEMENTSHAZARDS TO HUMANS AND DOMESTIC ANIMALS - WARNING

Causes eye irritation. Do not get in eyes. Avoid contact with skin or clothing. Harmful if swallowed. Avoid breathing vapor. Wash thoroughly after handling. Do not use in food handling areas.

STATEMENT OF PRACTICAL TREATMENT

If swallowed: Call a physician or Poison Control Center. Do not induce vomiting. This product contains aromatic petroleum solvent. Aspiration may be a hazard.

If in eyes: Flush with plenty of water. Get medical attention.

If on skin: Wash with soap and plenty of water. Get medical attention if irritation persists.

ENVIRONMENTAL HAZARDS

This product is extremely toxic to fish. Do not contaminate water by cleaning of equipment or disposal of wastes. Keep out of lakes, streams or ponds, tidal marshes or estuaries. Apply this product only as specified on this label.

PHYSICAL AND CHEMICAL HAZARDS

Do not use or store near heat or open flame. Flashpoint minimum of 105°F (49°C).

DIRECTIONS FOR USE

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

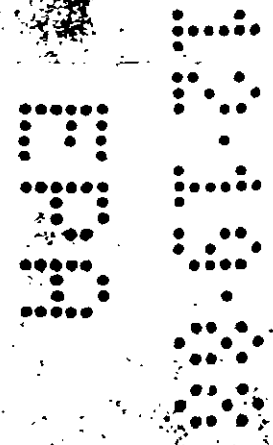
DIRECTIONS FOR USE (BY GROUND APPLICATION) ON VEGETABLES: For Back-yard Vegetable Gardens Only. Prepare spray mix as directed in following chart. Use 1 qt. of finished spray per 110 square feet (or 1 gal./440 sq. ft.) of surface area. Note: 4 qts. = 1 gal.

AVAILABLE COPY

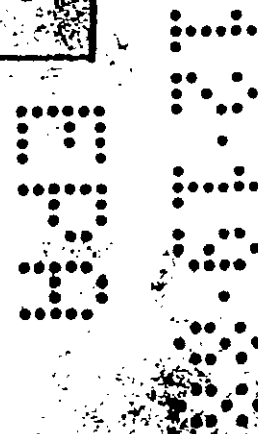
6:10

BONIDE POTATO BEETLE BEATER, EPA Reg. No. 4-

Vegetable	Target Pest(s)	Remarks	Recommended Dilution Rate tsp./qt.
Asparagus (pre-harvest)	Cutworm Asparagus Beetle	Apply for uniform coverage as needed. Do not apply more than 4 applications per crop. Can be applied up to 3 days prior to harvest.	1 tsp./5 qts.
(Post-harvest)	Larval stages of Asparagus Beetle, Tarnished Plant Bug, Lygus Bugs, and Adult Japanese Beetle	Treat ferns or bush growth after spear harvest when insects are present	1 tsp./5 qts.
Celery	Vegetable Leaf Miner, Cabbage Looper, Black and Granulate Cutworm, Fall, Beet and Southern Armyworm	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	1 1/2 tsp./4 qts
Cole Crops: Broccoli, Brussels Sprouts, Cabbage, Cauliflower	Beet Armyworm, Diamond Back Moth, Imported Cabbageworm, Cabbage-aphid, Cabbage Looper	Apply every 5 days or as needed. Can be applied up to one day prior to harvest. Do not make more than 8 applications on Cauliflower, Brussels Sprouts, and Broccoli and 10 applications on Cabbage	1 tsp./5 qts.
Eggplant	Colorado Potato Beetle, Vegetable Leaf Miner	Apply for uniform coverage as needed. Do not exceed 10 applications. Can be applied up to 3 days prior to harvest	1 1/2 tsp./4 qts



Vegetable	Target Pest(s)	Remarks	Recommended Dilution Rate
Horseradish (Four applications)	Imported Crucifer Weev.	Apply as needed. Do not exceed 3 later applications. Can be applied up to 22 days prior to harvest.	1 1/2 tsp. 4 qts.
Head Lettuce only (Do not use on Leaf Lettuce)	Cabbage Looper, Alfalfa Looper, Beet Armyworm, Corn Ear Worm and Tobacco Budworm	Apply every 5-10 days as needed. Do not make more than 10 applications per season. Can be applied up to 1 day prior to harvest.	1/2 tsp. 4 qts.
Potatoes	Beet Armyworm, Colorado Potato Beetle, Potato Leafhopper, Potato Flea Beetle, Aster Leafhopper, Potato Aphid, Potato Tuberworm, Cabbage Looper, Cutworms, European Corn Borer, Potato Psyllid, Tarnished Plant Bug	Apply as needed. Do not apply more than 12 applications. Can be applied up to 7 days prior to harvest.	1 1/2 tsp. 4 qts.
Peppers	Vegetable Leafminer, Cabbage Looper, Flea-beetle, Corn Earworm, Pepper Weevil, European Corn Borer	Apply as needed, but not more than 8 sprays per season. Can be applied up to 3 days prior to harvest.	1 1/2 tsp. 4 qts.
Spinach	Beet Armyworm, Corn Earworm, Cabbage Looper, Cutworms, European Corn Borer, Green Cloverworm and Leafhoppers	Apply for uniform coverage when needed but not more than 7 applications per season. Can be applied up to 7 days prior to harvest.	1 tsp. 5 qts.
Sweet Corn	Corn Earworm, European Corn Borer, Fall Armyworm, Southern Armyworm	Apply every 5 days and when needed but not more than 5 applications per season. Can be applied up to 1 day prior to harvest.	1 1/2 tsp. 4 qts.

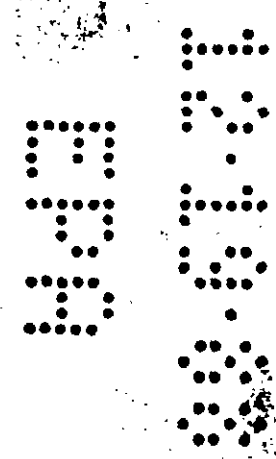


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BONIDE POTATO BEETLE BEATER, EPA Reg. No. 4-

Trees (Fruit or Nut)	Target Pest(s)	Remarks	Recommended Dilution Rate tsp./qt.
Almonds	Nevel Orange Worm Peach Twig Borer	Apply when insects appear. Do not make more than 2 applications during bud split and 5 applications per season. Can be applied up to 7 days prior to harvest	2 3/4 tsp./ 5 qts.
Apples	Plum Curculio, Redbanded Leafroller, Rosyapple aphid, Spotted Tentiform Leafminer, Tarnished Plant Bug, White Apple Leafhopper, Oblique-banded Leafroller, Green Fruitworm	Apply when insects appear. Repeat as required to maintain control. Do not make more than 3 applications per season. Do not apply after petal fall	2 3/4 tsp./ 5 qts.
Peaches	Lesser Peachtree Borer, Peach Twig Borer, Plum Curculio, Tarnished Plant Bug, Green Fruit Worm, Oriental Fruit Moth	Apply when insects appear. Do not apply within 7 days of harvest. Do not make more than 5 applications per season	2 3/4 tsp./ 5 qts.
Pears (dormant through delayed dormant)	Pear Psylla	Apply during the dormant through delayed dormant growth period only. Add if desired 8 oz. of spray oil to each gallon of Premo-Ene for Use Spray. Do not make more than 2 applications per season.	2 3/4 tsp./ 5 qts. Potato Beetle Beater
(summer)	Pear Psylla, Green Fruitworm, and Codling Moth	Apply when needed. Do not apply more than 3 applications per season. Can be applied up to 14 days prior to harvest.	2 3/4 tsp./ 5 qts.

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FOR ORNAMENTAL TREES GROWN AROUND THE HOME FOR GROUND APPLICATION ONLY

Use sufficient spray to obtain full coverage of all foliage. Avoid heavy wetting. Use to control: Pine moths, pine needle miners, pine beetles and needle scales on pine; Budworms on conifers; Oakworms on oak; Fall webworms on cherry, elm and honeysuckle; Aphids on tulip poplar; Citrus black flies on non-bearing citrus; Tussock moths on Douglas and grand firs; Leafminers on birch; Elm leaf beetle and elm spanworms on elms.

To Kill Tent Caterpillars: Application should be made when caterpillars are young and tents are first noticed. For best results, apply in the late afternoon or evening, when caterpillars have returned to their tents. Mix 2 fl. oz. of this product in one gal. of water. Wet tents with spray on all sides. A few caterpillars may be seen escaping from the tent; however, they should die within several hours.

FOR USE ON LAWNS

For control of ants (including fire ants), armyworms, chinch bugs, crickets, cutworms, Japanese beetle grubs, grasshoppers, mole crickets and sod webworms, consult the following chart:

PESTS	DILUTION
armyworms cutworms chinch bugs Japanese beetle grubs mole crickets sod webworm	5 tsp./10 gal. water/100 sq.ft. 1000
crickets grasshoppers ants (including fire ants)	2 tsp./3 gal. water/1000 sq. ft.

Lawn should be no taller than 3 inches at time of application. Slightly more water may be used as long as the amount of product per area is as listed above. For heavy infestations, repeat application after two weeks.

Also for control of cutworms on dichondra and Irish moss. Use as directed above for lawns.

FOR USE ON ORNAMENTAL PLANTS OUTDOORS

Contact and Residual Spray - use sufficient spray to obtain full coverage of all foliage. Adjust spray volume used to plant size:

10 11 10

BONIDE POTATO BEETLE BEATER, EPA Reg. No. 4-

To use, mix 1 teaspoon of Potato Beetle Beater with 1 gallon of water.

Spray in the late afternoon or evening, when the temperature ranges from 50° F to 75° F and when there is little or no wind. Spray at the first indication of insect pests. On those plants that will flower during the season, the spray schedule should be completed before blossom formation. Repeat as necessary; use intervals of 4 to 8 days. Application can be made up to the day of collection

Spray as directed above to control aphids, cicadas, corn earworms, fall cankerworms, inchworms, leafminers, leafrollers, mealybugs, bagworms, spider mites, exposed thrips and whiteflies on the

following plants:

- | | | |
|------------------|-------------|--------------|
| Ageratum | Gladiolus | Pea shrub |
| Arizona Cypress | Go'd bells | Petunia |
| Aster | Hypocistis | Philodendron |
| Azalea | Ivy | Poinsettia |
| Begonia | Lilac | Rhododendron |
| Calceolus | Marigold | Rose |
| Common ninebark | Mock Orange | Snapdragon |
| Common Snowberry | Nannyberry | Taxus |
| Elm | Orchid | Wax plants |
| Escalum | Palm | Weeping fig |
| Eucymous | Pansy | Zinnia |
| English Ivy | | |

STORAGE & DISPOSAL

Storage: Do not store at temperatures below 40°F (4.5°C). Store product in original container in a locked storage area.

Container Disposal: Triple rinse (or equivalent). Then dispose of in a sanitary landfill or by other approved State and local procedures.

Pesticide Disposal: Do not contaminate water, food, or feed by storage or disposal. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

WARANTY STATEMENT

Our recommendations for the use of this product are based upon tests believed to be reliable. The use of this product being beyond the control of the manufacturer, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice. The buyer must assume all responsibility, including injury or damage, resulting from its misuse as such, or in combination with other materials.

Packed By

BONIDE CHEMICAL CO., INC., YORKVILLE, NY 13495