

US ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF PESTICIDES PROGRAMS
REGISTRATION DIVISION (75-767)
WASHINGTON, DC 20460

EPA REGISTRATION NO.

67450-1

DATE OF ISSUANCE

JUN 14 1994

PERIOD OF ISSUANCE

NAME OF PESTICIDE PRODUCT

Guardian Spray

NOTICE OF PESTICIDE: REGISTRATION
 REREGISTRATION
(Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended)

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

American Biochemical Corp.
4210 Cloud Way
Paso Robles, CA 93446

5-467780

674/22

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 this 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.

Based on your response to the Reregistration Eligibility Document, EPA has reregistered the product listed above. Enclosed is a copy of your label stamped "Accepted". This action is taken under the authority of section 4(g)(2)(C) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended. Reregistration under this section does not eliminate the need for continual reassessment of pesticides. EPA may require submission of data at any time to maintain the registration of your product.

Make the revisions specified below you print the final labeling for this product.

1. On the Front Panel, rewrite the CAUTION statement to read:

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

KEEP OUT OF REACH OF CHILDREN

CAUTION

Avoid contact with eyes.

If in eyes. Flush with plenty of water.

PERSONAL PROTECTIVE WORK CLOTHING:

Applicators and other handlers must wear: Long-sleeved shirt and long pants, shoes plus socks.

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

DATE

JUN 14 1994

7. Under "SPRAY TIMING", change "and including the day" to "12 hours".

Submit one copy 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 bearing the amended labeling constitutes acceptance of these conditions.

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



Robert A. Forrest
Product Manager (14)
Insecticide-Rodenticide Branch
Registration Division (H7504C)

Enclosures: 1. Stamped label
2. A-79 Enclosure

Peacock WP#4:A:67450B.1:305-5407, -6600:6/14/94

1
(FRONT PANEL)

(Container Label)

Made From Only Pure
Garlic and Water

The Contents of This
Container Will Cover
Up To _____ Acres.

American Biochemical Corporation

Guardian Spray™ "The Nature of Things to Come"™

Insect Repellent for Plants, Crops, and Trees

U.S. Standard Measure: _____

ACTIVE INGREDIENT:

Garlic Juice..... 10.0%

INERT INGREDIENTS..... 90.0%

Total: 100.0%

Does Not Persist in the Environment

EPA Reg. Number 67450-1

EPA EST. Number 67450-CA-01

Made in the USA / Patent Pending

KEEP OUT OF REACH OF CHILDREN

Avoid Contact with Eyes If in eyes: Flush with plenty of water.

CAUTION/CAUCION

PRECAUCION AL USUARIO: Si usted no lee inglés no use este producto hasta que la etiqueta haya sido explicado ampliamente

ACCEPTED
with COMMENTS
in EPA Letter Dated
JUN 14 1994
Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
67450-1

Physical and Chemical Hazards

Storage and Disposal

Pesticide Storage

The optimal storage temperature is between 35°F to 90°F to prevent product degradation. Do not freeze. Do not store in direct sunlight.

Do not use or store near heat, open flame or hot surfaces.

Keep out of reach of children or animals. Store in original containers only. Store in a cool dry place and avoid excess heat. Carefully open containers. After partial use, replace lids and close tightly. Do not put concentrate or dilute material into food or drink containers. Do not contaminate other pesticides, fertilizers, water, food or feed by storage or disposal.

In case of spill, avoid contact. Isolate area and keep out animals and unprotected persons. Confine spill by diking surrounding area or absorbing with sand, cat litter or commercial clay. Place damaged package in a holding container. Identify products.

Pesticide Disposal

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

Container Disposal

Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

In the event of a major spill, fire, or other emergency, call (805) 237-8394 day or night.

USE PRECAUTIONS

Do not use this material if it cannot be applied according to the use pattern on this label.

Do not let spray mixture stand in tank overnight.

DIRECTIONS FOR USE AND CONDITIONS OF SALE AND WARRANTY

IMPORTANT: Read the entire Directions for use and the Conditions of Sale and Warranty before using this product. If the terms are not acceptable, return the unopened product container at once.

Conditions of Sale and Warranty

The Directions for Use are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of **American Biochemical Corporation** or the Seller. All such risks shall be assumed by the Buyer.

American Biochemical Corporation warrants that this product conforms to the chemical description on the label and is reasonably fit for the purpose referred to in the Directions for Use subject to the inherent risks referred to above. American Biochemical Corporation makes no other express or implied warranty of Fitness or Merchantability or any other express or implied warranty. In no case shall American Biochemical Corporation or the Seller be liable for consequential, special, or indirect damages resulting from the use or handling of this product. American Biochemical Corporation and the Seller offer this product, and the Buyer and user accept it, subject to the foregoing Conditions of Sale and Warranty, which may be varied only by agreement in writing and signed by a duly authorized representative of American Biochemical Corporation.

MANUFACTURED BY:

American Biochemical Corporation
4210 Cloud Way
Paso Robles, California 93446

Directions for Use

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING. FOR USE AS AN INSECTICIDE FOR REPELLING CERTAIN IMPORTANT INSECT PESTS. NOT WARRANTED TO KILL INSECTS.

SITES:

Pome Fruit Trees (Apples, Pears, Crabapples, Mayhaws, and Quince): For Repelling Codling Moths, Appleworms, Maggots, Curculios, Aphids, Leafrollers, Leafminers, Leafhoppers, Plantbugs, Casebearers, Psylla, Mealy Bugs, Sawflies, Mites, and Scale.

Stone Fruit Trees (Apricots, Sweet and Sour Cherries, Nectarines, Peaches, and Plums): For repelling Fruit Flies, Fruit Moths, Leafminers, Aphids, Borers, Beetles, and Mites.

Nut Trees (Almonds, Beech Nut, Brazil Nuts, Butternut, Chestnuts, Chinquapin, Filberts, Hickory Nuts, Macadamia Nuts, Pecans, and Walnuts): For Repelling Aphids, Mites, Weevils, Gall Wasps, Spittlebugs, Curculios, Webworms, Borers, Shuckworms, Leafminers, Beetles, Scale, Carpenterworms, Catocalas, Casebearers, Bud Moths, Phylloxera, Sawflies, Plant Bugs, Twig Girdlers, and Walnut Caterpillars.

Citrus (Oranges, Grapefruits, Lemons, Limes, Calamondin, Tangelos, Kumquats, and Tangerines): For Repelling Aphids, Cutworms, Thrips, Leafrollers, Mites, Scale, and Whiteflies.

Small Fruits and Berries (Grapes, Blueberries, Raspberries, Strawberries, Blackberries, Boysenberries, Cranberries, Currants, Dewberries, Elderberries, Gooseberries, Huckleberries, Olallie Berries, and Youngberries): For Repelling Aphids, Mites, Maggots, Borers, Fruitworms, Weevils, Beetles, Leafrollers, Curculios, Scale, Plant Bugs, Tortrix, Sawflies, Chafers, Leafhoppers, Tree Crickets, Grubs, Stem Girdlers, Cambium and Leaf Miners, Mealybugs, Phylloxeras, Rootworms, Ants, Cutworms, Earwigs, Slugs, Spittlebugs, Borers, Thrips, Whiteflies, Whitegrubs, and Wireworms.

Legume Vegetables (Beans including *Phaseolus spp.*, *Lupinus spp.*, and *Vigna spp.*, Broad Beans, Chick Peas, Guar, Jackbean, Lablab Beans, Lentils, Peas, and Soybeans): For Repelling Aphids, Beetles, Leafrollers, Thrips, Loopers, Earworms, Curculios, Cutworms, Borers, Lygus Bugs, Leafhoppers, Maggots, Mites, Plant Bugs, Cutworms, Whiteflies, and Wireworms.

Brassica Vegetables (Broccoli, Brussels Sprouts, Cabbages, Chinese Mustard, Cauliflower, Collards, Kale, Kohlrabi, and Mustard Greens): For Repelling Aphids, Loopers, Caterpillars, Cutworms, Beetles, Maggots, Weevils, Whiteflies, and Wireworms.

Cucurbit Crops (Cucumbers, Gherkins, Gourds, Cantaloupe, Casaba Melons, Honeydew Melons, Mango Melons, Muskmelons, Pumpkins, Summer and Winter Squash, and Watermelons): For Repelling Aphids, Leafhoppers, Loopers, Beetles, Leafhoppers, Leafminers, Pickleworms, Mites, Thrips, Whiteflies, and Wireworms.

Fruiting Vegetables (Tomatoes, Bell Peppers, Chile Peppers, Cooking Peppers, Pimentos, Sweet Peppers, Eggplant, Ground Cherry, Pepinos, and Tomatillo): For Repelling Aphids, Beetles, Loopers, Cutworms, Hornworms, Leafminers, Mites, Plant Bugs, Fruitworms, Whiteflies, Wireworms, and Mealybugs.

Peanuts For Repelling Aphids, Armyworms, Earworms, Cutworms, Leafhoppers, Rootworms, Thrips, and Mites.

Kiwi For Repelling Japanese Beetles.

Root and Tuber Vegetables (Artichokes, Beets, Burdock, Carrots, Cassava, Chicory, Ginger, Ginseng, Horseradish, Parsley, Parsnip, Potatoes, Radish, Rutabaga, Salsify, Sweet Potatoes, Turnips, and Yams): For Repelling Rust Flies, Leafhoppers, Weevils, Wireworms, Armyworms, Beetles, Chinch Bugs, Symphylans, Grasshoppers, Leafminers, Plant Bugs, Psyllids, Tuberworms, Slugs, Mites, Thrips, Whiteflies, and White Grubs.

Cereal Grains (Barley, Buckwheat, Corn, Millet, Oats, Popcorn, Rye, Wheat, and Wild Rice): For Repelling Earworms, Aphids, Rootworms, Beetles, Cutworms, Borers, Beetles, Grasshoppers, Mites, Maggots, Armyworms, White Grubs, and Wireworms.

Leafy Vegetables (Celery, Cress, Endive, Fennel, Lettuce, Orach, Spinach, and Swiss Chard): For Repelling Aphids, Loopers, Earworms, Grasshoppers, Leafhoppers, Wireworms, Whiteflies, Sowbugs, Webworms, and Leafminers.

Bulb Vegetables (Garlic, Leek, Onion, and Shallot): For Repelling Leafminers, Maggots, Armyworms, Thrips, and Wireworms.

Cotton For Repelling Aphids, Armyworms, Bollworms, Boll Weevils, Fleahoppers, Lygus Bugs, Thrips, Mites, Whiteflies, Loopers, Cotton Leafperforator, Cutworms, Webworms, and Saltmarsh Caterpillar.

Ornamentals (Trees, Shrubs, and Flowers): For Repelling Aphids, Mites, Leafminers, Whiteflies, Bagworms, Webworms, Spittlebugs, Cutworms, Borers, Chafers, Beetles, Leafrollers, Maggots, Curculios, Leafhoppers, Plantbugs, Mealybugs, Sawflies, and Scale.

Forage Crops (Alfalfa, Clovers, Timothy, Vetch, and Grasses): For Repelling Aphids, Weevils, Spittlebugs, Caterpillars, Cutworms, Grasshoppers, Lygus bugs, Leafhoppers, Mites, Thrips, Armyworms, Webworms, Chinch bugs, and Japanese Beetles.

MIXING DIRECTIONS:

Shake container well or stir contents thoroughly before mixing Guardian Spray™ concentrate. After mixing, agitate again before spraying to prevent settling of product. Minimum dilution rate is one part concentrate to ten parts water, when spray equipment is calibrated to apply one gallon of spray wash per acre. At higher spray volumes, use one gallon of concentrate for every 11 acres sprayed. Guardian Spray™ is compatible with most surfactants and conventional pesticides.

SPRAY TIMING:

Apply as a preventative treatment prior to insect infestation. Make the first application at foliar emergence and repeat on a 10-14 day spray schedule to maintain the repellency effect. Do not apply during pollination, as Guardian Spray™ repels bees and therefore, adversely effects pollination. On food crops, Guardian Spray may be used up to and including the day of harvest. Do not make more than fourteen (14) applications per growing season.

METHODS OF APPLICATION:

Guardian Spray™ may be applied by air or ground equipment. Apply as a full coverage spray to thoroughly wet foliage.

The most effective ambient temperature range for application is between 60°F to 85°F

Applied product becomes odorless in minutes, and Guardian Spray™ will leave NO aftertaste.