



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

NOV 18 1994

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

RONALD L. COSTA RICA
SOUTHERN AGRICULTURAL INSECTICIDES, INC.
BOX 218
PALMETTO, FL. 34220

Subject: Label Amendment Submission of 6/28/94 in Response to PR Notice 93-7
EPA Reg. No. 829-75
SA 50 BRAND 25% MALATHION WETTABLE SPRAY CONC.

IMPORTANT NOTICE: This Letter Requires You to Submit a Notification to the Office of Compliance Monitoring within 20 Days.

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is accepted subject to the comments listed on the enclosed sheet. A copy of your proposed labeling stamped "ACCEPTED WITH COMMENTS" is enclosed.

SERIOUS ERROR(S) ON SUBMITTED LABELING:

EPA has determined that one or more of the errors on the labeling you submitted to the Agency is categorized as "serious" as defined in PR Notice 93-11. In general, serious errors are those that may create a potential for harm to workers, handlers, other persons, or the environment; or those that prevent the achievement of the basic goals of the Worker Protection Standard (WPS) or FIFRA.

YOU MUST NOT SELL OR DISTRIBUTE (INCLUDING RELEASE FOR SHIPMENT) ANY PRODUCT BEARING THE SUBMITTED LABELING. Sale or distribution of any product with the incorrect labeling is a violation of FIFRA that could result in initiation of an action for civil penalties and/or cancellation of your product. This matter has been referred to the Office of Compliance Monitoring (OCM) for further action.

YOU MUST SUBMIT A NOTIFICATION TO THE OFFICE OF COMPLIANCE MONITORING WITHIN 20 DAYS OF THE DATE OF THIS LETTER.



Recycled/Recyclable
Printed with Soy/Canola Ink on paper that
contains at least 50% recycled fiber

Each notification must include the following information:

1. Registrant's name and address.
2. EPA Registration number of the product for which the labeling was submitted.
3. Whether any product already has been sold or distributed (this includes released for shipment) bearing the submitted labeling.

In addition, the notification must include the following information, IF you have already sold or distributed any product bearing the submitted labeling:

1. Quantity of the product that has been sold or distributed.
2. EPA Producing Establishment number.
3. Location of the product, if known.
4. Proposed plan for assuring that product with the incorrect labeling in your control, as well as that in the hands of dealers/distributors/users, will be corrected. The plan must include your proposal for assuring that the labeling is corrected as soon as possible.

Submit the notification to:

Michael Wood, Director
Compliance Division, (7203)
Worker Protection Notification
Office of Compliance Monitoring
U.S. Environmental Protection Agency
401 M Street SW
Washington, DC 20460

Failure to submit a notification also may result in initiation of an action under FIFRA for civil penalties, if you sold or distributed (this includes released for shipment) product bearing the incorrect labeling.

IN ADDITION, YOU SHOULD CONTACT IMMEDIATELY THE PERSONS TO WHOM YOU SOLD OR DISTRIBUTED YOUR PRODUCT AND INFORM THEM NOT TO SELL OR DISTRIBUTE ANY PRODUCT WITH THE INCORRECT LABELING.

WHAT THIS ACCEPTANCE MEANS.

Based on your certification, the Agency has accepted the labeling changes that are necessary to comply with the WPS labeling requirements of 40 CFR part 156, subpart K, described in PR Notices 93-7 and 93-11. Any other labeling changes submitted in connection with this amendment application but not directly related to compliance with the WPS have neither been reviewed nor accepted by the Agency. If you wish to make such changes, you must submit a separate amendment application proposing them. If your product is currently suspended, the acceptance of this labeling amendment does not affect the suspension in any way.

WHAT YOU NEED TO DO NEXT:

Submit the required notification. Then by the next label printing make all the specified changes to your labeling. Send to EPA one (1) copy of the final printed labeling:

- BEFORE selling or distributing any product bearing the final printed labeling as amended

AND

- WITHIN one year from date of this acceptance.

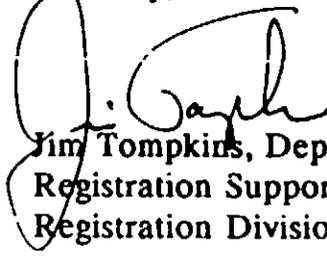
Submit the final printed labeling via the U.S. Postal Service to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs (7505C)
U.S. Environmental Protection Agency
401 M Street, SW
Washington, D.C. 20460-0001

Hand or courier deliveries of final labeling may be made to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs
Room 266A, Crystal Mall 2
1921 Jefferson Davis Highway
Arlington, VA 22202

Sincerely,



Jim Tompkins, Deputy Chief
Registration Support Branch
Registration Division (7505W)

Attachment

cc: Office of Compliance Monitoring

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Ronald L. Costa Rica
Southern Agricultural Insecticides, Inc.

Comments for: EPA REG. NO. 829-75
SA 50 Brand 25% Malathion Wettable Spray
Concentrate

The following specific comments pertain to your WPS labeling submission concerning the product cited above:

Add the following User Safety Recommendation to the label:
"Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing."

The glove requirement for "applicators and other handlers" in the "Personal Protective Equipment" section on your proposed labeling is missing. Add "waterproof gloves" in the location shown in section A & B on Part 1 of the Product Worksheet in Supplement Three-A to PR Notice 93-7.

Retain in the Non-Agricultural Use Box on your proposed label the statement "Keep children and pets off treated areas until spray has dried".

Correct the typographical errors circled on your proposed label.

6 of 7



25% MALATHION

Wettable Spray Concentrate

| ACTIVE INGREDIENT: | % BY WT. |
|---|----------|
| Malathion: 0,0-dimethyl phosphorodithioate of diethyl mercaptosuccinate | 25.0% |
| INERT INGREDIENTS: | 75.0% |
| TOTAL | 100.0% |

KEEP OUT OF REACH OF CHILDREN CAUTION

STATEMENT OF PRACTICAL TREATMENT ORGANOPHOSPHATE

IF SWALLOWED: Rinse mouth with water. Drink one or two glasses of water and induce vomiting by touching finger to back of throat. Get medical attention. Do not induce vomiting or give anything by mouth to an unconscious person.

IF IN EYES: Flush with clean water for 15 minutes. Get medical attention.

IF INHALED: Remove victim to fresh air. Apply artificial respiration if indicated. Get medical attention.

IF ON SKIN: Wash thoroughly with soap and water.

NOTE TO PHYSICIAN: Malathion is a cholinesterase inhibitor. Atropine Sulfate is antidotal. 2-PAM/PROTOPAM may be effective, but only as an adjunct to atropine.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed, inhaled, or absorbed through skin. Do not breathe concentrate or spray mist. Do not contaminate feed, food, or feeding and watering utensils.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear long-sleeved shirt and long pants and shoes plus socks. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS

Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish, aquatic invertebrates, and aquatic life stages of amphibians. For terrestrial uses, do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and runoff may be hazardous to aquatic organisms in areas near the application site. 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 if bees are visiting the treatment area.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

PESTICIDE STORAGE: Pesticide should be stored in the original container in a locked storage area.

PESTICIDE DISPOSAL: (HOUSEHOLD ONLY) Securely wrap original container in several layers of newspaper and discard as trash.

CONTAINER DISPOSAL: (HOUSEHOLD ONLY) Do not reuse empty bag. Discard bag in trash.

PESTICIDE DISPOSAL: (EXCEPT HOUSEHOLD) Wastes resulting from the use of this product may be disposed of on site or at an approved waste facility.

CONTAINER DISPOSAL: (EXCEPT HOUSEHOLD) Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

This product may not give satisfactory control under all conditions. Timing and method of applications, weather conditions, mixtures with other chemicals, and other influencing factors are beyond control of the seller. Buyer assumes all risks of use, storage, or handling of this material not in strict accordance with the directions and precautions given herewith.

Southern Agricultural Insecticides, Inc.

Palmetto, FL 34220
EPA Reg. No. 829-75

Hendersonville, NC 28793
JJ

Boone, NC 28607
Net Weight: 4 lbs.

ACCEPTED
with COMMENTS
In EPA Letter Dated

NOV 18 1994
Under the Federal Insecticide,
Fungicide, and Rodenticide Act
amended for the pesticide
registered under EPA Reg. No.
829-75

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval of 12 hours. PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and involves contact with anything that has been treated, such as plants, soil, or water, is: coveralls, waterproof gloves, shoes plus socks.

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses. ~~Not to be used on children and pets of treated areas until spray has dried.~~

NOTE: Malathion may cause plant injury, particularly when applied when plants are tender, in bloom, wet, or when conditions are humid.

Mix with indicated amount of water, agitate to hold in suspension while spraying. Commercial growers should check with proper state extension authority to determine if local recommendations are consistent with this label. The number of days between the last application of this product and harvest is indicated by the number in () following the crop.

DO NOT APPLY THIS PRODUCT THROUGH ANY TYPE OF IRRIGATION SYSTEM.

VEGETABLES:

BEANS (1): Mexican Bean Beetle, Leafhoppers: 5 lbs per 100 gals of water (3 Tbs per gallon). Two or more applications as needed covering foliage completely.

BROCCOLI (3), TURNIP GREENS (3), COLLARDS (7), MUSTARD (7): Cabbage worms, Aphids (Home garden only): 5 lbs per 100 gals (3 Tbs per gallon). For worms apply weekly beginning when first true leaves appear. For aphids, apply weekly as needed. This product is not effective on cabbage loopers.

MELONS (1), SQUASH (1), CUCUMBERS (1), Aphids (Home garden only), Cucumber Beetles: 7 lbs per 100 gals (3 1/2 Tbs per gal.). Apply weekly to foliage as needed.

PEPPER (3): Aphids (Home garden only): 5 lbs per 100 gals (3 Tbs per gal.) Apply weekly to foliage as needed.

TOMATOES (1): Aphids, Spider Mites: 5 lbs per 100 gals (3 Tbs per gal.) Apply weekly to foliage as needed. Apply to above indicated plants to obtain thorough coverage, without runoff, using 100 gals per acre on mature plants, proportionately less for smaller plants.

FRUITS:

FLORIDA CITRUS (7): Red Scale, Purple Scale, Soft Brown Scale: 5 lbs per 100 gals (3 Tbs per gallon). Apply as needed, except in full bloom, preferably one spray post bloom and a second spray during June through Sept. Do not exceed 80 lbs per acre in any application.

APPLES (3) (Southeast): Aphids, Japanese Beetle Adults, Red Banded Leaf Roller: 4 lbs per 100 gals (2 Tbs per gallon). First application in pink stage, second 10 days after petal fall, then six or more applications at two week intervals. Do not exceed 60 lbs per acre per application. May cause injury to McIntosh, Cortland, and other sensitive varieties.

STRAWBERRIES (3): Aphids, Spider Mites, Strawberry Leaf Roller, Spider Mite (Home garden only). Do not use when cyclamen mites are a problem. 6 lbs per 100 gals (3 Tbs per gallon). Full coverage sprayings, repeat as necessary. Do not exceed 8 lbs per acre per application.

ANIMALS:

BEEF CATTLE: Horn Flies: 16 1/2 lbs per 100 gals (8 Tbs per gallon). Thorough back spraying every 3 weeks or as needed.

BEEF CATTLE, SHEEP: Lice, Ticks, Sheep Keds: 16 1/2 lbs per 100 gallons (8 Tbs per gallon). Complete coverage spray, repeat in 3 weeks, only if needed.

CHICKEN HOUSES: Northern Fowl Mite, Poultry Lice, Chicken Red Mite: 33 lbs per 100 gals (16 Tbs per gal.) Apply a thorough coverage spray (1/2 gal. per 1000 sq ft) to litter, floor and walls. Force into all cracks. Repeat as necessary.

CHICKENS (Direct on birds): Northern Fowl Mite, Poultry Lice: 16 1/2 lbs per 100 gals (8 Tbs per gal.) As a supplement to premises treatment. Use 1 gal. of spray to cover 100 birds. Repeat in 4 to 8 weeks if necessary.

Use only with adequate ventilation. After using this product indoors, ventilate thoroughly before occupying enclosed spaces. Do not allow contact with treated surface until sprays have dried.

NOTE: Do not treat lactating cattle, cattle under one month old, or animals under stress or treatment by other cholinesterase inhibiting compounds.

ORNAMENTALS:

ABORVITAE: Bag Worm: 4 lbs per 100 gals (2 Tbs per gal.) Spray as soon as young worms appear. Repeat as necessary.

CRAPE MYRTLE: Aphids: 4 lbs per 100 gals (2 Tbs per gal.) Apply at 5 - 7 day intervals, as needed.

FATSIA, JAPONICA, GARDENIA: Florida Red Scale, Green Scale, White Fly: 4 lbs per 100 gals (2 Tbs per gal.) Apply as needed.

HOLLY, IXORA: Wax Scale, Green Scale: Apply as needed. Repeat at 7 day intervals.

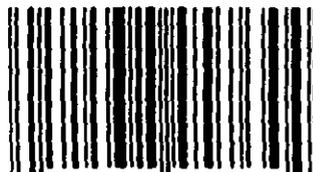
JUNIPER: Bag Worm, Juniper Scale: 3 1/2 lbs per 100 gals (1 1/2 Tbs per gal.) Spray as worms appear. Apply immediately after eggs hatch.

OLEANDER, PHILLODENDRON, SPRUCE: Oleander Scale, Soft Brown Scale, Spider Mite: 4 lbs per 100 gal (2 Tbs per gal.) For scale insects apply as needed. For spider mites apply every two weeks as long as necessary.

NOTE: Whenever possible, apply to scale insects in the crawler stage. Do not apply to sensitive ferns such as Boston Maiden Hair, and Ferns, certain species of Crassula, Bauhinia, Hibiscus, Papaya, and Camerott Juniper or other sensitive plants.

EPA EST. NO. 829 FL 1 (3), 829 NC 1 (1), 829 NC 2 (5) Number following Est. No. corresponds to first digit in Lot No. on bottom of bag.

EPA REG. NO. 82975 J3



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