

PM-14

Reg # 829-75



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D C *20460

FEB 28 1997

FILE COPY

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Mr John C Diem
Registrations
Southern Agricultural Insecticides, Inc.
P O Box 218
Palmetto, FL 34220 0218

Dear Mr Diem

Subject CORRECTION, Agency Letter of February 20, 1997
Deletion of Unsupported Malathion Uses
SA-50 25% Malathion Wetttable Spray Concentrate
EPA Reg. No. 829-75
Labeling Submitted May 11, 1995 In Response
To Agency Letter of March 28, 1995
Federal Register Notice of March 18, 1991

This is a corrected version of our letter dated February 20, 1997. That letter failed to remind you of several unsupported crops which must be removed from the subject product label to support continued registration of the subject product. Failure to delete these unsupported uses will subject the product to further regulatory action.

You were previously informed of the unsupported uses for various malathion formation types including wetttable powder in the Agency's letter dated June 15, 1992 which was addressed to all registrants of malathion products. A copy of this letter is enclosed for your reference.

The labeling amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, As Amended (FIFRA), is acceptable, provided that you

Submit two copies of your final printed label incorporating the following corrections before you release the product for shipment.

1. Submit your corrected labels along with your amended application listing the unsupported uses to be deleted from the label in accordance with the use deletion procedures described in the attached copy of PR Notice 91-1

The label claims and directions for use on the following crops must be deleted from the label beans, broccoli, turnup

BEST AVAILABLE COPY

TYPE B C (FF)

greens, collards, mustard, melons, squash, cucumber, pepper tomatoes, and citrus. These crops are not being supported for the wettable powder formulation of malathion

Also, delete the label claim and directions for use on apples. The support of malathion as a wettable powder formulation on apples is limited to use in the home garden. As such, the apple use may not appear on a product intended for use by the commercial grower.

If you wish to market a product for homeowner use on apples, you must apply for a separate registration for the homeowner product.

2. Correct the Worker Protection Standard (WPS) labeling in accordance with the comments specified in the Agency letter of November 18, 1994. A copy of these comments is attached for your reference.

3. Delete the label statement limiting use of the product in the home garden only for use on strawberries. Such a limitation is not appropriate for a product intended for commercial grower use.

If this condition is not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product bearing the amended label constitutes acceptance of this condition.

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

Sincerely,



William W. Jacobs, Ph. D.
Acting, Product Manager Team 14
Insecticide-Rodenticide Branch
Registration Division (7505C)

BEST AVAILABLE COPY

50.®

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: (HOLD ONLY) Securely wrap original container in several layers of newspaper and discard in 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 hereon.

Southern Agricultural Insecticides, Inc.

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

Hendersonville, NC 28753
J3

Roanoke, NC 28607
Net Weight: 4 lbs.

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 intervals. 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 (REI) of 12 hours. PPE required for 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. Keep children and pets off 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, Leafhopper: 5 lbs. per 100 gals. of water (2 Tbls. per gallon). Two or more applications as needed covering foliage completely.

BROCCOLI (2), TURNIP GREENS (2), COLLARDS (7), MUSTARD (7): Cabbage worms, Aphids (Home garden only): 5 lbs. per 100 gals. (2 Tbls. 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 looper.

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

POTATO (2): Aphids (Home garden only): 5 lbs. per 100 gals. (2 Tbls. per gal.). Apply weekly to foliage as needed.

TOMATOES (7): Aphids, Spider Mites: 5 lbs. per 100 gals. (2 Tbls. 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. (2 Tbls. 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 (2) (Southeast): Aphids, Japanese Beetle Adults, Red Banded Leaf Miner: 4 lbs. per 100 gals. (2 Tbls. 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 80 lbs. per acre per application. May cause injury to McIntosh, Cortland, and other sensitive varieties.

STRAWBERRIES (2): Aphids, Strawberry Leaf Miner, Strawberry Root Weevil (Home garden only): Do not use when yellowing vines are a problem. 5 lbs. per 100 gals. (2 Tbls. per gallon). If all coverage sprayings, repeat as necessary. Do not exceed 8 lbs. per acre per application.

BEST AVAILABLE COPY

ORIGINALS:

ABRICOTTS: Big Wasp 4 lbs. per 100 gals. (2 Tbls. per gal.). Spray 10-15 days after petal fall. Repeat as necessary.

GRAPES VITIFOLIA: Aphids: 4 lbs. per 100 gals. (2 Tbls. per gal.). Apply at 2-3 week intervals, as needed.

PEACH, JAPONICA, GARDNERA: Florida Red Scale, Green Scale, White Fly: 4 lbs. per 100 gals. (2 Tbls. per gal.). Apply as needed.

MOLLY IDUNA: Wax Scale, Green Scale: 4 lbs. per 100 gals. (2 Tbls. per gal.). Apply as needed. Repeat at 7 day intervals.

JUNIPER: Big Wasp, Juniper Sucker: 3 lbs. per 100 gals. (1 1/2 Tbls. per gal.). Spray as worms appear. Apply immediately after eggs hatch.

OLEANDER, PHLOXEDORON, SERVICE: Oleander Scale, Soft Brown Scale, Spider Mite: 4 lbs. per 100 gal. (2 Tbls. per gal.). For scale insects, spray as needed. For spider mites, spray every two weeks as long as necessary.

NOTE: Whenever possible, apply to scale insects in the crawler stage. Do not apply to sensitive forms such as Boston, Maiden Hair, and Paris, certain species of Creosote, Blackberry, Hibiscus, Papaya, and Carolina Juniper, or other sensitive plants.

EPA EST. NO. 829 (1); 829-NC-1 (4); 829-NC-2 (8) Number following Est. No. corresponds to first digit in Lot No. on bottom of bag.

EPA REG. NO. 829-75

J3



0 51538 45764 4