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829-251

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

NOV 21 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. 829-251
SA 50 BRAND CYGON 2 E DIMETHOATE SYSTEMIC INSEC.

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.

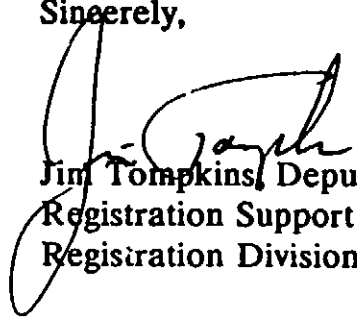
Submit the final printed labeling via the U.S. Postal Service to:

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division

Ronald L. Costa Rica
SOUTHERN AGRICULTURAL INSECTICIDES, INC.
BOX 218
PALMETTO FL 34220

Subject: Comment Sheet for EPA Reg Nr.829-251
SA-50 BRAND CYGON 2 E DIMETHOATE SYSTEMIC INSECTIC

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

User Safety Recommendations must either be placed in a box or printed on the label in a contrasting color from surrounding text.

The apron requirement for "applicators and other handlers" in the Personal Protective Equipment" section on your proposed labeling is missing or incorrect. Remove the incorrect requirement (if any) and add: "Chemical-resistant apron when cleaning equipment, mixing or loading." EXCEPTION: If you have an entirely separate PPE section specifying what "Mixers and loaders must wear," the apron requirement under the header "Applicators and other handlers must wear" is: "Chemical-resistant apron when cleaning equipment". The exact location is shown in Sections A and B on Part I of the Product Worksheet in Supplement Three-A to PR Notice 93-7.

The bodywear requirement for "applicators and other handlers" in the "Personal Protective Equipment" section on your proposed labeling is missing or incorrect. Remove the incorrect requirement (if any) and add "Coveralls over short-sleeved shirt and short pants." The exact location is shown in Sections A and B on Part I of the Product Worksheet in Supplement Three-A to PR Notice 93-7.

The footwear requirement for "applicators and other handlers" in the Personal Protective Equipment" section on your proposed labeling is missing or incorrect. Remove the incorrect requirement (if any) and add "Chemical-resistant footwear plus socks." The exact location is shown in Sections A and B on Part 1 of the Product Worksheet in Supplement Three-A to PR Notice 93-7

The headgear requirement for "applicators and other handlers" in the "Personal Protective Equipment" section on your proposed

SOUTHERN AGRICULTURAL INSECTICIDES, INC.
EPA Reg. Number: 829-251
SA-50 BRAND CYGON 2 E DIMETHOATE SYSTEMIC INSECTICIDE
Application date: 06/28/94
Original Submission

labeling is missing or incorrect. Remove the incorrect requirement (if any) and add "Chemical-resistant headgear for overhead exposure". The exact location is shown in Sections A and B on Part I of the Product Worksheet in Supplement Three-A to PR Notice 93-7.

The apron requirement for "mixers and loaders" in the "Personal Protective Equipment" section on your proposed labeling is missing or incorrect. Remove the incorrect requirement (if any) and add "Chemical-resistant apron when mixing or loading" under "Mixers and loaders must wear:". The exact location is shown in Sections A and C on Part I of the Product Worksheet in Supplement Three-A to PR Notice 93-7.

The bodywear requirement for "mixers and loaders" in the "Personal Protective Equipment" section on your proposed labeling is missing or incorrect. Remove the incorrect requirement (if any) and add "Coveralls over short-sleeved shirt and short pants" under "Mixers and Loaders must wear:". The exact location is shown in Sections A and C on Part I of the Product Worksheet in Supplement Three-A to PR Notice 93-7.

The footwear requirement for "mixers and loaders" in the "Personal Protective Equipment" section on your proposed labeling is missing or incorrect. Remove the incorrect requirement (if any) and add "Chemical-resistant footwear plus socks" under "Mixers and Loaders must wear:". The exact location is shown in Sections A and C on Part 1 of the Product Worksheet in Supplement Three A to PR Notice 93-7.

Remove the statement "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." from its current position within the Agricultural Use Box and place it above the Agricultural Use Box.

The bodywear requirement for early entry in the Agricultural Use Requirements box on your proposed labeling is missing or incorrect. Remove the incorrect requirement (if any) and add "Coveralls over short-sleeved shirt and short pants". The exact location is shown in Sections F and G on Part 2 of the Product Worksheet in Supplement Three-A to PR Notice 93-7.

The footwear requirement for early entry in the Agricultural Use Requirements box on your proposed labeling is missing or incorrect. Remove the incorrect requirement (if any) and add "Chemical-resistant footwear plus socks." The exact location is shown in Sections F and G on Part 2 of the Product Worksheet in Supplement Three-A to PR Notice 93-7.

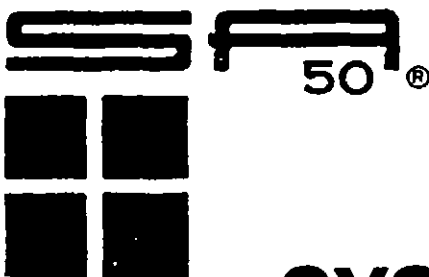
SOUTHERN AGRICULTURAL INSECTICIDES, INC.
EPA Reg. Number: 829-251
SA-50 BRAND CYGON 2 E DIMETHOATE SYSTEMIC INSECTICIDE
Application date: 06/28/94
Original Submission

The headgear requirement for early entry in the Agricultural Use Requirements box on your proposed labeling is missing or incorrect. Remove the incorrect requirement (if any) and add "Chemical-resistant headgear for overhead exposure." The exact location is shown in Sections F and G on Part 2 of the Product Worksheet in Supplement Three-A to PR Notice 93-7.

Delete the crossed-out statements on your proposed label. They are redundant statements or phrases.

Correct the typographical errors circled on your proposed label.

6/8



Home & Garden
CYGON® 2
DIMETHOATE
SYSTEMIC INSECTICIDE

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS
AND DOMESTIC ANIMALS
WARNING**

Vapor Harmful
Harmful or Fatal if Swallowed
Concentrated Material Causes Eye Irritation

Avoid breathing vapor or spray mist. Avoid contact with skin or eyes. Use only with adequate ventilation. Wash thoroughly after handling. Do not contaminate food. Do not use in homes. Rinse spills on outside of container after use.

Do not contaminate feed and foodstuffs, drinking fountains, litter and feed troughs. Do not use in milk-processing rooms, including milk houses and milk storage rooms. Do not apply this product by aerial application.

PERSONAL PROTECTIVE EQUIPMENT

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category G on an EPA chemical resistance category selection chart.

Applicators and other handlers must wear:

1. Long-sleeved shirt and long pants
2. Chemical-resistant gloves, such as barrier laminate or viton
3. Shoes plus socks
4. Protective eyewear

Mixers and loaders must wear:

1. Long-sleeved shirt and long pants
2. Chemical-resistant gloves, such as barrier laminate or viton
3. Shoes plus socks
4. Protective eyewear
5. Chemical-resistant headgear
6. For exposure in enclosed areas, use a respirator with either an organic vapor removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G).

For exposure outdoors, use a dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C).

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

(Precautionary Statements Continued On Opposite Panel)

Contains Cygon*

For the control of leaf miners, aphids, and certain other insects on Ornamentals and Vegetables
per gallon of water.

ACTIVE INGREDIENT:
Dimethoate (O,O-dimethyl S-(N-methylcarbamoylmethyl) phosphorodithioate)

INERT INGREDIENTS:

Total:

Contains 2 lbs. Dimethoate per gallon. *Cygon® F

**KEEP OUT OF REACH OF CHILDREN
WARNING — AVISO**

Si Usted no entiende la etiqueta, busque a alguien para que se la explique a Usted en detalles. (If you do not understand it to you in details.)

**STATEMENTS OF PRACTICAL TREATMENT:
ORGANOPHOSPHATE**

If swallowed: Call a physician or Poison Control Center immediately. Gastric lavage is usually indicated. Vomiting may cause aspiration pneumonia. Do not induce vomiting or give substances by mouth.

If inhaled: Remove victim to fresh air. Assist respiration if indicated.

If on skin: Promptly wash contaminated skin with soap and water.

If in eyes: Immediately flush eyes with plenty of water. Get medical attention if irritation persists.

NOTE TO PHYSICIANS: This product may cause cholinesterase inhibition. Atropine is antidotal.

See Side Panel for Additional Precautionary Statements
Southern Agricultural Insecticides,

Palmetto, FL 34220
EPA REG. NO. 829-251

Hendersonville, NC 28793
J3

ACCEPTED
with COMMENTS
In EPA Letter Dated

NOV 21 1994

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 829-251

BEST AVAILABLE

BEST AVAILABLE COPY

USER SAFETY RECOMMENDATIONS

Users should:

1. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
2. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
3. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This product is toxic to birds and other wildlife. Birds and other wildlife in treated areas may be killed. 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. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.

CHEMICAL HAZARDS

COMBUSTIBLE. DO NOT USE, POUR, SPILL OR STORE NEAR HEAT OR OPEN FLAMES.

STORAGE AND DISPOSAL

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

Storage: Store product in original container in a cool, dry, locked place out of reach of children and pets.

Pesticide Disposal (Household Only): Securely wrap original container in several layers of newspaper and discard in trash.

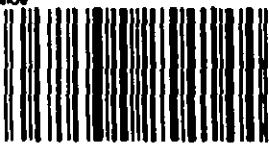
Container Disposal (Household Only): Do not reuse container. Rinse thoroughly before discarding in trash.

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

Buyer assumes all risks of use, storage or handling of this material not in strict accordance with the instructions and precautions given herewith

EPA EST. NO 829-FL-1 (3); 829-NC-1 (4); 829-NC-2 (5) Number following Est. No corresponds to first digit in Lot No. on side of label.



0 51538 25414 4

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. 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 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 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. Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 12 hours. PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated such as plants, soil, or water, is:

1. Coveralls
2. Chemical-resistant gloves, such as barrier laminate or viton
3. Shoes plus socks
4. Protective eyewear

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, pets and other unprotected persons out of the treated area until sprays have dried.~~

SA-50 Cygon 2E Dimethoate Systemic Insecticide controls certain soft bodied insects such as aphids, leaf miners, mites, thrips and scales on ornamentals and vegetables as listed below.

Mix this material with water, using the number of teaspoonfuls shown below for each gallon of spray. The addition of a spreader-sticker at the rate of 1 teaspoonful per gallon will aid in spray retention. Applications may be made with compressed air power operated or hose attached sprayers. Spray plants in a manner that will uniformly coat upper and lower surfaces of foliage. Applications should be started as soon as insects are observed and repeated at 7 to 10 day intervals as long as needed. On vegetables listed below, the interval in days between the last application of this product and harvest is shown in parenthesis after each crop.

ORNAMENTALS

- AZALEAS — 2 tsp. — Leaf Miners, Lace Bugs, Mites, Tea Scale, White Flies
- BIRCH — 1 tsp. — Aphids, Leaf Miners
- BOXWOOD — 2 tsp. — Leaf Miners, Mealy Bugs, Mites
- CAMELLIAS — 2 tsp. — Aphids, Camellia Scale, Mites, Tea Scale
- EUONYMUS — 4 tsp. — Aphids, Scale
- GLADIOLUS — 2 tsp. — Aphids, Thrips
- HEMLOCK — 2 tsp. — Mites, Scale
- JUNIPER — 4 tsp. — Aphids, Leafhoppers, Mites, Thrips

VEGETABLES

- BEANS (0) — 1 to 2 tsp. — Aphids, Leafhoppers, Leaf Miners, Mites, Mealy Bugs
- BROCCOLI (7), LEAF LETTUCE (14), SPINACH (14), COLLARDS (14), KALE (14), TURNIP (14), MUSTARD (14), SWISS CHARD (14), ENDIVE (14) — 1 tsp. — Aphids, Leafhoppers, Leaf Miners
- MELONS (3) — 1 to 2 tsp. — Aphids, Leafhoppers, Leaf Miners
- PEAS (0), POTATOES (0), TOMATOES (7) — 1 to 2 tsp. — Aphids, Leaf Miners

NOTE: Do not make more than one (1) application per season on peas. This pesticide is highly toxic to bees in treatment area. Do not apply to peas (lentils), beans (lupine), or melons if bees are visiting the areas to be treated when crop or weeds are in bloom.

Buyer assumes all risks of use, storage or handling of this material not in strict accordance with the instructions and precautions given herewith.