

PM-14

Reg # 769-633

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

SEP 12 1995

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OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Ms. Stacy A. Schmidt  
Regulatory Affairs, *SureCo, Inc.*  
P.O. Box 938  
Fort Valley, GA 31030

Dear Ms. Schmidt:

Subject: Deletion of Peaches, Peanuts, Strawberries, Cucumbers, Melons, Ornamentals, Summer Squash, Turf, Beans, Eggplant, Lawns, Peppers, Pimentos, Tomatoes, and Bermuda Grass  
SMCP Ethion EM-4  
EPA Registration No. 769-633  
Your Application and Labeling Dated August 9, 1994, As Corrected October 3, 1994

The labeling referred to above, submitted in connection with registration under FIFRA, is acceptable, provided that you:

1. Submit one copy of your final printed labeling incorporating the following corrections before you release the product for shipment. The corrections specified in 1.a. through 1.f. are needed to maintain consistency with the particular citrus use pattern being supported by the basic registrants. Product labels deviating from this supported use pattern will be subject to the additional data requirements needed to support such deviations.

A copy of the basic producers' registered label for the use of ethion on citrus (EPA Reg. No. 279-1254) is enclosed for your reference.

a. Specify the citrus crops to be treated with the product as grapefruit, lemons, limes, oranges, tangelos and tangerines.

b. Delete the statement, "May be applied up to the day of harvest." and replace it with a preharvest interval (PHI) of 15 days for tangelos and tangerines and a PHI designation of 0 days for grapefruit and oranges.

c. Specify the application rate in terms of the amount of product to be applied per acre based on a maximum allowable rate of 3.0 pounds of active ingredient per acre.

**BEST COPY AVAILABLE**



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

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d. Add directions to apply not less than 250 gallons of water per acre for ground application and a minimum of 10 gallons of water per acre for aerial application.

e. Add a statement limiting the maximum application to no more than 9 pounds of active ingredient per acre per year.

f. Correct the restricted reentry interval, (REI) on your worker protection standard (WPS) labeling for citrus from 24 hours to 48 hours.

g. Add the following statement to the human precautionary statements.

"Do not breathe vapor or spray mist."

h. Add the following statement directly under the heading, "Directions for Use".

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

i. Your label includes a reference to the mixing of the product with wettable powders. Please refer to the enclosed copy of PR Notice 82-1 regarding tank mixes and revise your labeling accordingly.

j. As specified in the Reregistration Standard issued for ethion in September, 1989, your environmental hazards statements must be revised as stated below.

"This pesticide is toxic to fish, and aquatic invertebrates. Fish and aquatic invertebrates may be killed in areas where this pesticide is used. Do not contaminate water when disposing of equipment washwaters."

k. The appropriate WPS labeling must be added to the label before the subject product is released for shipment. The following comments apply to your WPS labeling submitted August 10, 1994.

- Delete the redundant statements pertaining to the use of protective clothing and the washing of skin and clothing (the second, fifth, and sixth sentences in the paragraph which begins with the sentence, "Do not get in eyes, or on skin or clothing.") These statements appear elsewhere on the label as part of the WPS labeling.

- Correct the sentence, "Ethion, upon repeated, prolonged or careless use, may cause cholinesterase inhibition." to read as follows.

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"Ethion is a cholinesterase inhibitor."

- Add the additional "User Safety Recommendations" and the paragraphs regarding human flaggers, enclosed cabs and enclosed systems as found on the enclosed copy of the basic suppliers' label.

2. At the next printing of your label, update your label by separating out and reformatting the human and environmental precautionary statements, statements of practical treatment, physical/chemical hazards and storage and disposal statements under the appropriate headings. Refer to the enclosed basic producers ethion label for the correct format and headings for these statements.

If these conditions are 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 labeling constitutes acceptance of these conditions.

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

Sincerely yours,

Robert A. Forrest  
Product Manager (14)  
Insecticide-Rodenticide Branch  
Registration Division (7504C)

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ACCEPTED  
with COMMENTS  
in EPA Letter Dated

SEP 12 1985

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

769-633

SMCP ETHION EM-4

INSECTICIDE - ACARICIDE

FOR CITRUS GROWN IN FLORIDA AND TEXAS ONLY

Active Ingredients:

Ethion*.....	47.10%
Inert Ingredients:.....	52.90%
TOTAL.....	100.00%

\*O,O,O' - tetraethyl S,S'-methylene bisphosphorodithioate  
Contains 4 lbs. ethion per gallon

KEEP OUT OF REACH OF CHILDREN  
WARNING

EPA Reg. No. 769-633

EPA Est. No. 769-GA-1

Manufactured By:  
SureCo, Inc.  
Fort Valley, GA 31030

Warning

May Be Fatal if Swallowed, Inhaled or Absorbed Through Skin

Do not get in eyes, or on skin or clothing. For commercial application, wear rubber gloves, protective clothing, rubber overshoes and goggles. In case of contact, wash immediately with soap and water for eyes, flush with water for 15 minutes. Do not contaminate food and feed. Wash hands, arms and face thoroughly with soap and water before eating or smoking. Wash contaminated clothing with soap and hot water before reuse. Ethion, upon repeated, prolonged or careless use, may cause cholinesterase inhibition. Atropine is antidotal. Commercial operators should keep supply of Atropine 1/100 grain tablets.

KEEP OUT OF REACH OF CHILDREN

Do not use or store near heat or open flame. Protect from temperatures below 0 F.\*

\*Liquid phases separate at lower temperatures. Warm or store at higher temperatures and mix thoroughly to recombine liquid phases and assure uniformity before reuse.

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OBSERVE THE FOLLOWING USE PRECAUTIONS

Observe use limitations given on the label. In order that pesticidal residues on food crops will not exceed tolerances established by the Federal Food and Drug Administration, use only at recommended rates and intervals, and do not apply closer to harvest than specified. DO not apply or allow to drift to areas occupied by unprotected humans or beneficial animals or onto adjoining food, fibre or pasture crops. The grower is responsible for residues on his crops as well as for damage caused by drift from his property to that of others. This product is toxic to fish and wildlife. Keep out of lakes, streams, and ponds.

Consult the State Agricultural Extension Service for additional information, as the timing, number and rate of applications needed will vary with local conditions.

Do not use in undiluted form.

Apply this product only as specified on this label. Not recommended for aerial application.

DIRECTIONS FOR USE

FOR CITRUS GROWN IN FLORIDA AND TEXAS ONLY

Application should be made only by trained personnel using approved protective equipment. Pour specified amount of this product into nearly filled spray tank. Add balance of water to fill tank. Keep agitator running during filling and spraying operations. If mixture does not mix readily but tends to separate as an oily layer, do not use, as injury to plants may result. DO not combine with wettable powders unless previous use of the mixture has proven physically compatible and safe to plants. Always thoroughly emulsify this product with at least half of total water before adding wettable powder.

CITRUS: Mites (Citrus Rust, Texas Citrus, Citrus Red) - Use 8 to 12 oz. Ethion 4E to 100 gallons spray.

SCALES: (Florida Red, Chaff and Purple) Use 8 to 12 oz. Ethion 4E plus .5% to .7% Summer Oil to 100 gallons spray.

SCALES: (Glover, Yellow & Snow) Use 12 oz. Ethion 4E plus .5% Summer Oil to 100 gallons spray. Apply during Post Bloom period (June 1 -July 15). Thorough coverage of trunks and branches is necessary for scale control. Make only 1 application per season on lemons or limes and not within 21 days of harvest. On other citrus, do not repeat treatment within 90 days of previous application. Do not apply more than 2,000 gallons spray per acre. May be applied up to day of harvest. Do not apply more than twice per season on Tangerines. Any restrictions on oil alone apply as well to combination of Ethion plus oil.

IMPORTANT: Read these entire Directions and Conditions of Sale before using this product. DISCLAIMER: SureCo warrants that this product conforms to the chemical description on the label and is reasonably fit for the specific purposes referred to in the Directions For Use, subject to the inherent risks referred to above. SureCo makes no other express or implied warranty of fitness or merchantability nor any other express or implied warranty. In no case shall SureCo be liable for consequential, special, or indirect damages resulting from the use, handling or application of this product.