

Reg # 5481-145

PM-237C R0500

195



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**

WASHINGTON, D.C. 20460

APR 15 1994

H.R. McLane  
AMVAC CHEMICAL CORP  
4100 EAST WASHINGTON BLVD  
LOS ANGELES, CA 90023

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Subject: Label Amendment Submission of 02/03/94 in Response to PR Notice 93-7  
EPA Reg. No. 5481-145  
ALCO CITRUS FIX

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 reflected on the enclosed sheet. A copy of your proposed labeling stamped "ACCEPTED WITH COMMENTS" is enclosed.

**WHAT THIS ACCEPTANCE MEANS:**

Based on your certification, the Agency has accepted the labeling changes that are necessary to comply with the Worker Protection Standard (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 not been reviewed or 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:**

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
- AND
- WITHIN one year from date of this acceptance.

**BEST AVAILABLE COPY**



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

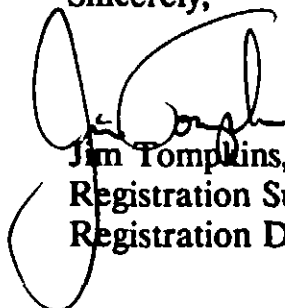
Submit the final printed labeling via the U.S. Postal Service to:

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 printed 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

**BEST AVAILABLE COPY**

375

AMVAC CHEMICAL CORP  
5481-145 02/03/94  
ALCO CITRUS FIX  
Original Submission

Add the following sentence to the paragraph on laundering PPE: "After each day of use, clothing or PPE must not be reused until it has been cleaned." Please refer to the special 2,4-D guidance issued by EPA on September 13, 1993 (page 4) for placement of the sentence.

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

You have incorrect wording in the second-to-last sentence in the first paragraph in the Agricultural Use Requirements box on your proposed label. The sentence must be as follows: "It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry interval."

The following statement on your proposed label is not required for this product: "Notify workers of the application by warning them orally and by posting warning signs at entrances to treated areas." Delete it from the Agricultural Use Requirements box.

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

Correct the typographical errors circled on your proposed label.

**BEST AVAILABLE COPY**

475

### 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, emergency response, and other specific instructions and exceptions pertaining to the circumstances and conditions of agricultural pesticide use. The requirements in this box only apply to the use of this product in accordance with the Worker Protection Standard.

Do not enter or allow worker entry into treated areas until the pesticide has dried or until the PPE required for early entry to treated areas that is specified in the label is used. Avoid contact with anything that has been treated with this product. Do not use chemical resistant gloves, such as Barrier Laminates or similar gloves, for protection against pesticides. Do not use the applicator by wearing them. Do not use the applicator by wearing them.

### STORAGE AND DISPOSAL

**STORAGE** This product may crystallize if stored at cold temperatures. If crystallization occurs, call Amvac Chemical Corporation for instructions before using. Store product in original container in a secure, dry, and temperate area. Keep container closed when not in use. Do not store near food, feed, fertilizers, seeds, insecticides or fungicides. Do not store 50 gallon drums over two high. Do not use or store around the home. Avoid contact with water. In case of spill or leak, soak up with sand, earth, or synthetic absorbent (do not use alkaline absorbents) and dispose of wastes in compliance with local State and Federal regulations.

**PESTICIDE DISPOSAL** Do not contaminate water, food or feed by storage or disposal. Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law and may contaminate groundwater. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**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.

### IMPORTANT. PLEASE READ BEFORE USE

By using this product, the user accepts the following: **LIMITED WARRANTY:** AMVAC warrants that (a) this product conforms to the chemical description on its label; (b) this product is reasonably fit for the purposes stated on its label, subject to the inherent risks referred to herein, when used in accordance with its directions; and (c) that the directions, warnings, cautions, and other statements on this label are based upon responsible experts' evaluations of reasonable tests of effectiveness, of toxicity to laboratory animals and plants, of residues on food crops, and upon reports of field experience. Testing has not been performed on all varieties of food crops, and plants, in all states, or under all application, weather and crop conditions. There are no express warranties other than those set forth herein. Amvac neither makes nor intends, nor does it authorize any agent or representative to make, any other warranty, express or implied. Amvac expressly excludes and disclaims all implied warranties of merchantability, fitness for particular purpose, or any other warranty of quality or performance. This warranty does not extend to, and the user shall be solely responsible for, any loss or damage which results from the use of this product in any manner which is inconsistent with this label's directions, warnings or cautions. User's exclusive remedy and Amvac's or seller's exclusive liability for any claim, loss, damage, or injury resulting from the use or handling of this product, whether or not based in contract, negligence, strict liability in tort, or otherwise, shall be limited, at Amvac's option, to replacement of, or repayment of the purchase price for, the quantity of product with respect to which damages are claimed. In no event shall Amvac or Seller be liable for special, indirect, or consequential damages resulting from the use or handling of this product.

### GENERAL DIRECTIONS

#### DIRECTIONS FOR PRE-HARVEST USE ON CITRUS

19 cc (2/3 fluid ounce) of this material mixed in 500 gallons of spray mixture, gives a solution of 4 ppm\*. The recommended concentrations fall within the following limits under normal conditions.

#### TO PREVENT PRE-HARVEST DROP OF MATURE FRUIT

- (a) 4 ppm\* as an additive to fall oil spray, to prevent leaf and fruit drop of lemons next spring.
- (b) 8 ppm\* as a water spray, to prevent pre-harvest drop of Navel Oranges sprayed in December or January for harvest after February.
- (c) 12 ppm\* as a water spray, applied during November or December, to prevent pre-harvest drop of lemons during the following spring.
- (d) 16 ppm\* as a water spray, during June or July, on grapefruit for late summer or fall harvest, and on Navel Oranges and Tangelos in October or November for harvest after February.
- (e) 24 ppm\* inclusion in the fall whitewash treatment to prevent fruit drop of Navel Oranges for harvest after February.

\* ppm equivalent of 2,4-Dichlorophenoxyacetic Acid.

**CITRUS FIX may be used as a Plant Growth Regulator on Citrus in Florida. Refer to CITRUS FIX Florida label; EPA SLN NO. FL 890040 for complete directions.**

**FOR THE FOLLOWING EMERGENCIES, PHONE 24 HOURS A DAY**  
 TRANSPORTATION: CHEMTREC 1-800-424-9300  
 MEDICAL: HAZARD INFORMATION SERVICES (H.I.S.) 1-800-228-5635 Ext. 169



under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 5481-145

# CITRUS FIX

**45% ISOPROPYL ESTER**  
**3.36 LBS. 2,4-D ACID EQUIVALENT PER GALLON**  
**BEST AVAILABLE**

ACTIVE INGREDIENT:	Isopropyl Ester of 2,4-Dichlorophenoxyacetic Acid*	45.0
INERT INGREDIENTS:		55.0
	Total	100.0

\*2,4-Dichlorophenoxyacetic Acid Equivalent 38%

The State of California Department of Agriculture classifies this Ester of 2,4-D "Highly Volatile" and therefore does not permit its use as an herbicide in California.

## KEEP OUT OF REACH OF CHILDREN CAUTION

### STATEMENTS OF PRACTICAL TREATMENT

**IF SWALLOWED:** Do not induce vomiting. Call a physician or Poison Control Center immediately. **IF INHALED:** Remove to fresh air. Administer artificial respiration if necessary. Contact a physician immediately. **IF ON SKIN:** Remove contaminated clothing and wash affected area with soap and water. **IF IN EYES:** Immediately flush eyes with plenty of water. See a physician.

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION:** Avoid inhaling fumes or spray. Avoid contact with eyes, nose, mouth, and skin.

#### PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemically resistant to the pesticide are listed in the label for category (C) on an EPA chemical resistance category chart. **Applicators and other handlers** must wear: Barrier Laminates or Viton shoes plus socks, and protective gloves (probe and pump) to transfer the contents of the container. **Other handlers** must wear: the other required PPE. **Engineers** must wear: the other required PPE. **Washers** must use detergent and hot water. Clean and disinfect PPE separately. **Engineering Controls:** Statement of PPE requirements listed in the Worker Protection Standard (WPS) at 29 CFR 155.140(c)(1) must be followed. **User Safety Recommendations:** Remove clothing immediately if you feel you have been exposed to the pesticide. Remove clothing immediately and wash your body with soap and water. Clean clothing. Remove PPE immediately after handling this product. Wash hands thoroughly and change into clean clothing.

#### ENVIRONMENTAL HAZARDS

Vapors, spray drift or runoff may adversely affect nontarget plants. This product may injure cotton, beans, peas, ornamentals, etc. (coarse sprays are less likely to drift). Do not apply directly to water or wetlands (swamps, bogs, and potholes). Do not contaminate water when disposing of equipment washwaters. Groundwater Contamination: Cases of groundwater contamination involving phenoxy herbicides such as 2,4-D have been associated with mixing and disposal sites. Caution should be exercised when handling 2,4-D pesticides at such sites to prevent contamination of groundwater supplies. Use of closed systems for mixing or transferring this pesticide will reduce the probability of contamination. Placement of the mixing/loading equipment on an impervious pad to contain spills will help prevent groundwater contamination.

#### PHYSICAL AND CHEMICAL HAZARDS

Do not use, pour, spill or store near heat or open flame.

#### 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 to areas where it will contact workers or other persons, either directly or through drift. Only authorized personnel should be permitted to apply this product. For any requirements specific to your State or other local jurisdiction, consult the applicable regulations. Do not apply this product through any type of restricted entry system.

See Side Panel For Additional Precautionary Statements

EPA Reg. No. 5481-145 NET CONTENTS 1 GALLON EPA Est. No. 5481-CA  
**AMVAC CHEMICAL CORPORATION**  
 4100 EAST WASHINGTON BLVD. - LOS ANGELES, CALIFORNIA 90023

