

07/22/1994



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

JUL 22 1994

H. R. McLane
Authorized Agent for
Jeannie K. Smith,
Amvac Chemical Corp.
H. R. McLane, Inc.
7210 Red Road - Suite 206
Miami, FL 33143-5321

Dear Mr. McLane:

SUBJECT: Label Amendment Review
Fruit Fix Concentrate 800
EPA Reg. No. 5481-130
Your Letter Dated 04/20/94

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable subject to the comments listed below. One copy of the finished labeling must be submitted prior to releasing the product for shipment.

Under the "FOR USE ON APPLES AND PEARS" section of the label, modify the third sentence to read "Do not spray within 5 days of harvest." to agree with the second sentence timeframe.

Sincerely yours,

A handwritten signature in black ink, appearing to be "15/".

Cynthia Giles-Parker
Product Manager (22)
Fungicide-Herbicide Branch
Registration Division (7505C)

Enclosure

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 (REI) of 24 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: coveralls, waterproof gloves and shoes plus socks.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. **STORAGE:** Store product in original container in a cool, dry, well-ventilated area, away from children. Do not allow product to freeze. **PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. **CONTAINER DISPOSAL:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities.

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 prices 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.

FRUIT FIX CONCENTRATE 800 serves to control preharvest drop of apples and pears, leading to larger harvest and reducing losses from windfall and knockdown. FRUIT FIX CONCENTRATE 800 is also effective in thinning the crop of olive trees when an excessively heavy fruit set is expected. FRUIT FIX CONCENTRATE 800 may be used to prevent fruiting of ornamental olive trees. In addition, FRUIT FIX CONCENTRATE 800 may be used for fruit thinning of ORANGES, TANGERINES (Mandarins), TANGELOS AND TANGORS.

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

1320-WPS PMS (04-14-94)

FRUIT FIX CONCENTRATE 800

A HORMONE TYPE PRODUCT FOR CONTROL OF PREHARVEST DROP OF APPLES AND PEARS.

FOR THINNING OF OLIVES, ORNAMENTAL OLIVES AND CERTAIN CITRUS.

ACTIVE INGREDIENT:

1-Naphthaleneacetic Acid, Ammonium Salt 21.40%

INERT INGREDIENTS: 78.60%

Total 100.00%

Equivalent to 19.6% 1-Naphthaleneacetic Acid or 800 grams (1.76 lbs.) per gallon.

KEEP OUT OF REACH OF CHILDREN CAUTION

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed, inhaled or absorbed through the skin. Avoid contact with skin, eyes or clothing. In case of eye contact, immediately flush eyes with plenty of water. Get medical attention if irritation persists.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear: long-sleeved shirt and long pants; waterproof gloves 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. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. 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

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 contaminate water when disposing of equipment washwaters. Avoid drift of spray mist.

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. Do not apply this product through any type of irrigation system.

See Side Panel For Additional Precautionary statements.

EPA Reg. No. 5481-130

EPA Est. No. 5481-CA-1

NET CONTENTS: 1 GALLON

AMVAC CHEMICAL CORPORATION

4100 EAST WASHINGTON BLVD. - LOS ANGELES, CA 90023 U.S.A.

FOR USE ON

Spray trees thoroughly, wetting all fruit and leaves. For apples, spray 2 to 4 weeks before harvest for apples and 5 to 7 days before harvest for pears. This product becomes effective in 2 to 4 weeks (less for McIntosh apple variety than 2 applications and do not delay). **GROUND SPRAY - FOR APPLES:** In 100 gals. water) to prepare a 20 ppm solution. Add 3 fl. oz. with 500 gals. of water. Apply 670 gallons per acre of this 10 ppm solution. **AIRPLANE SPRAY - APPLES and PEARS:** Apply 2 applications. Do not apply within 2 days of harvest. For APPLES, use 2-3/4 fl. oz. of this product with 2 gallons of flowable summer oil. For PEARS, use 2-3/4 fl. oz. of this product with 2 gallons of flowable summer oil.

FOR THINNING

TIMING IS CRITICAL: Spray when 1-1/2 to 2-1/2 weeks following full bloom. **WITHOUT OIL:** Apply a solution of adding 9 fl. oz. of this product and a weak solution of 100 ppm of this product with 100 ppm of light or medium summer oil. Spray wet. This will require 10 to 30 gallons per acre. **PRECAUTION:** Unless you wish to

TO PREVENT ORNAMENTAL

For best result, apply when the olive bloom occurs, spray between 1/2 to 1 fl. oz. FRUIT FIX CONCENTRATE 800 per gallon of water. Spray trees until thoroughly wet. **FRUIT FIX CONCENTRATE 800 should not be made when temperatures are above 85°F. FRUIT FIX CONCENTRATE 800 should be covered with polyethylene plastic when temperatures are above 85°F. Dripping and spray drift has passed.**

FOR FRUIT TANGERINES AND TANGELOS

Spray at the rate of 100 to 500 ppm (6 to 30 fl. oz. per gallon) of water. The degree of thinning obtained will be temperature related. Severe over-thinning conditions. Do not apply to "non-thinning" varieties. Thinning and time of application for this crop should be tried and application range should be determined. (5 to 20 mm in diameter) and near the drop occurs in May.) Higher thinning concentrations should be used during cool weather. Lower concentrations should be used during cool weather. FRUIT FIX CONCENTRATE 800 should receive a thorough coverage. **DO NOT APPLY MORE THAN ONE APPLICATION PER SEASON.** **DO NOT USE ON VARIETIES THAT DO NOT REACH FULL MATURITY ARE PROHIBITED.** **DO NOT APPLY WITHIN 14**

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ACCEPTED
with COMMENTS
In EPA Letter Dated:

JUL 22 1994

For the Federal Insecticide
and Rodenticide Act
provided, for the pesticide
registered under EPA Reg. No.

5481-130