

JAN 28 1993

H. R. McLane  
Agent for Amvac Chemical Corporation  
7210 Red Road, Suite 206  
Miami, Florida 33143-5321

Dear Mr. McLane:

Subject: K-Salt Fruit Fix 800  
EPA Registration No. 5481-413 ✓  
Signal Word Change  
Your Application Dated 3/30/92

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. Five copies of the finished labeling must be submitted prior to releasing the product for shipment.

In the RE-ENTRY AND WORKER SAFETY STATEMENT, four lines from the bottom, delete the word "CAUTION" and replace with "WARNING". Under ENVIRONMENTAL HAZARDS, the second sentence must read "Do not contaminate water by disposal of equipment wash waters."

Sincerely Yours,

*15/*

Cynthia Giles-Parker  
Product Manager (22)  
Fungicide-Herbicide Branch  
Registration Division (H7505C)

Enclosure

CONCURRENCES

SYMBOL	H7505C						
SURNAME	C. Giles						
DATE	1/27/93						

## CONTROLS PREHARVEST DROP - APPLES AND PEARS

Spray trees thoroughly, wetting all fruit stems and adjacent leaves. K-SALT FRUIT FIX 800 becomes effective in 3 to 4 days after application and controls drop for two (2) weeks. Separate sprays should be applied to early and late maturing varieties. Do not make more than 2 applications and do not delay picking beyond optimum maturity. Do not spray within 2 days of harvest.

### FOR DILUTE OR CONCENTRATE SPRAYING WITH GROUND EQUIPMENT

Crop	Dilute		Concentrate	Remarks
	Spray Conc. (ppm active ingredient)	K-Salt 800 per 100 Gals.	K-Salt 800 per acre	
Apples*	5-10 ppm (Eastern U.S.) 15-20 ppm (Pacific N.W.)	0.3-0.6 fl.oz.	4.0-5.6 fl. oz.	Apply to fruit 7 to 14 days before harvest.
		0.9-1.2 fl.oz.	4.0-5.6 fl.oz.	
Pears (D'Anjou, Bosc and Bartlett)	10-15 ppm	0.6-0.9 fl.oz.	2.0-4.0 fl.oz.	Apply to fruit 5 to 7 days before harvest.

\*For apples, variety and climatic conditions will affect the actual rate required.

### SPRAY PREPARATION CHART FOR DILUTE SPRAY

#### AMOUNT OF K-SALT FRUIT FIX 800 IN FLUID OUNCES

Conc./ppm	Gallons/Acre	100				200				300				400			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
2			0.12 fl.oz.	0.24 fl.oz.	0.36 fl.oz.	0.48 fl.oz.	0.60 fl.oz.	0.72 fl.oz.	0.84 fl.oz.	0.96 fl.oz.	1.12 fl.oz.	1.28 fl.oz.	1.44 fl.oz.	1.60 fl.oz.	1.80 fl.oz.	2.00 fl.oz.	2.20 fl.oz.
5			0.30 "	0.60 "	0.90 "	1.20 "	1.50 "	1.80 "	2.10 "	2.40 "	2.80 "	3.20 "	3.60 "	4.00 "	4.50 "	5.00 "	5.50 "
7.5			0.45 "	0.90 "	1.35 "	1.80 "	2.25 "	2.70 "	3.15 "	3.60 "	4.20 "	4.80 "	5.40 "	6.00 "	6.75 "	7.50 "	8.25 "
10			0.60 "	1.20 "	1.80 "	2.40 "	3.00 "	3.60 "	4.20 "	4.80 "	5.60 "	6.40 "	7.20 "	8.00 "	9.00 "	10.00 "	11.00 "
15			0.90 "	1.80 "	2.70 "	3.60 "	4.50 "	5.40 "	6.30 "	7.20 "	8.40 "	9.60 "	10.80 "	12.00 "	13.50 "	15.00 "	16.50 "
20			1.20 "	2.40 "	3.60 "	4.80 "	6.00 "	7.20 "	8.40 "	9.60 "	11.20 "	12.80 "	14.40 "	16.00 "	18.00 "	20.00 "	22.00 "

## AERIAL APPLICATION

Aircraft should utilize spray equipment which gives thorough spray coverage to all portions of trees. Apply only when weather conditions favoring minimal spray drift. Use lower rates for normal foliage and fruiting; the higher rates for dense foliage and heavy fruiting.

**APPLES and D'ANJOU PEARS:** Use 1/4 to 1/2 pint (4 to 8 fluid ounces) in at least 5 gallons of water per acre. Do not apply within 2 days of harvest.

**BARTLETT AND BOSCA PEARS:** Use 1/8 to 1/4 pint (2 to 4 fluid ounces) in at least 5 gallons of water per acre. Do not apply within 2 day of harvest. When Bartlett and Bosc are interplanted, spray only once. Use a maximum of 1/4 pint per acre on Bartlett to prevent pre-mature ripening.

## FOR USE IN PRESERVING ORNAMENTAL HOLLY BOUGHS

To delay leaf drop of Holly boughs, make a "dip" solution containing 1/4 to 1/2 cup (2 to 4 fluid ounces) in 100 gallons of water; (equals 33 to 66 ppm). Dip Holly boughs as soon as possible after cutting. Allow excess solution to drain. Do not soak or leave boughs in dip solution. Replenish dip solution as needed. However, to maintain concentration replace with fresh solution every 3 to 4 days. Package while moist to keep boughs fresh until used. Maintain a 34 to 40 degree temperature in bough storage area.

Do not mix or apply K-Salt Fruit Fix 800 with any other pesticide, additive, or fertilizer except as specifically recommended on this labeling.

FOR RATES AND APPLICATION TIMING FOR YOUR SPECIFIC VARIETY AND LOCATION, CONSULT YOUR LOCAL EXTENSION POMOLOGIST FOR RECOMMENDATIONS.

# K-SALT<sup>TM</sup> FRUIT FIX 800

## A HORMONE TYPE PRODUCT FOR THINNING APPLES, CITRUS, OLIVES, PEARS AND FOR CONTROL OF PREHARVEST DROP OF APPLES AND PEARS

### ACTIVE INGREDIENT:

1-Naphthalene Acetic Acid, Potassium Salt - - - 24.20%

INERT INGREDIENTS: - - - - - 75.80%

Total 100.00%

Equivalent to 20.2% 1-Naphthaleneacetic Acid or 800 grams (1.76 lbs.) per gallon.

## KEEP OUT OF REACH OF CHILDREN WARNING

PRECAUCION AL USUARIO: Si usted no lee ingles, no use este producto hasta que la etiqueta le haya sido explicado ampliamente

### STATEMENTS OF PRACTICAL TREATMENT

IF IN EYES - Immediately flush eyes with plenty of water. Get medical attention if irritation persists. IF SWALLOWED - Call a physician or Poison Control Center immediately. Induce vomiting by drinking 1 or 2 glasses of water and touching back of throat. Do not give anything by mouth to an unconscious or convulsing person. IF ON SKIN - Wash thoroughly with soap and water. IF INHALED - Remove to fresh air.

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING: Causes eye irritation. Do not get in eyes. Harmful if swallowed. Avoid breathing spray mist. Avoid contact with skin, eyes or clothing. Wash thoroughly after handling.

#### RE-ENTRY AND WORKER SAFETY STATEMENT

Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons. Do not enter treated areas without protective clothing until sprays have dried. Because certain states may require more restrictive re-entry intervals for various crops treated with this product, consult your State Department of Agriculture for further information. Written or oral warnings must be given to workers who are expected to be in treated areas or in an area about to be treated with this product. When oral warnings are given, warnings shall be given in a language customarily understood by workers. Written and oral warnings must include the following information. CAUTION: Area treated with K-SALT FRUIT FIX 800 on (Date) . Do not enter without appropriate protective clothing until sprays have dried. In case of accidental exposure, refer to the Precautionary Statements found on the K-Salt Fruit Fix 800 label.

#### ENVIRONMENTAL HAZARDS

Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not contaminate irrigation ditches or water used for irrigation or domestic purposes. Do not apply when conditions favor drift from treated areas. Do not use in a greenhouse.

See Side Panel For Additional Precautionary Statements

#### 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 through any type of irrigation system.

## STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. STORAGE: Store product in original container in a cool, (not in direct sunlight), dry, locked place out of reach of 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 incineration, or, if allowed by State and local authorities, by burning. If burned stay out of smoke.

EPA Reg. No. 5481-413 NET CONTENTS 1 GALLON EPA Est. No. 5481-CA-1

# AMVAC CHEMICAL CORPORATION

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

## GENERAL INFORMATION

K-Salt Fruit Fix 800 thins the fruit of apples, pears and an adequate return bloom the following season. K-Salt apples and pears, leading to a larger harvest and knockdown.

## CHEMICAL THINNING

Because of differences in varieties, climatic factors, thinning can range from 2 to 20 ppm and application after full bloom. The lower concentrations should be used for thinning. Use the higher concentrations for weaker, lower fruit set potential. Use 2 to 5 ppm when a surfactant (wetting agent) according to manufacturer's recommendations of spray. Midseason to late blooming varieties and Rome should be treated 5 to 21 days after full bloom.

During cool springs, delay application as necessary until and forecasted daytime temperatures are likely to rise.

The preferred application temperature is between 60° F and 80° F. When daytime temperatures are below 60° F or above 80° F, when daytime temperatures occur. Good thinning can be obtained under the latter conditions.

IMPORTANT: K-Salt Fruit Fix 800 should not be used before Midseason such as Yellow Transparent, Early Red, or over-thinning may occur. Amvac Chemical Corp. is registered under license by Amvac Chemical Corp. is registered.

## CHEMICAL THINNING

Variety	Spray Concentration ppm Active Ingredient (Plus Surfactant)
Bartlett, Bosc and Comice	10-15 ppm

Apply K-Salt Fruit Fix 800 once per year 15-28 days after full bloom. K-Salt Fruit Fix 800 may not adequately thin Bartlett. The preferred application temperature is between 60° F and 80° F.

For thinning of apples and pears, do not use K-Salt Fruit Fix 800 application. Use in dilute sprays. Do not use K-Salt Fruit Fix 800 on trees with light bloom.

## CHEMICAL THINNING

TIMING IS CRITICAL: Spray when young fruits are after full bloom. Thinning is effective on all varieties unless you wish to remove all your fruit. Apply a solution of 120 ppm by adding 7.2 fl. oz. of spray solution per 100 gallons of water 12 days after full bloom. The spray solution should be applied at a rate of 10 parts per million for each day following full bloom.

## CHEMICAL THINNING OF (Mandarins), TANGEL

Spray at the rate of 100 to 500 ppm (6 fl.oz. per 100 gallons) of water. Thinning obtained with K-Salt Fruit Fix 800 is highly effective. Thinning may result from application to trees during "thrifty" trees. The grower must determine a suitable cultivars and location. Concentrations in the 100 to 150 ppm range should be used in an early stage of development (5 to 20 mm in diameter). (In Florida the period of natural drop occurs expected during hot weather. Therefore lower concentrations (95 degrees F and higher) and higher concentrations (85 degrees to 95 degrees) The effective thinning is obtained below 85 degrees. The entire fruiting area of the tree should be sprayed.

Do not apply more than 1 application per year. Do not apply to trees close to maturity are present on tree. Do not apply to trees.

NOTICE: This product conforms to its chemical data stated on the label, when used in accordance with the label. Manufacturer is not responsible for the use of this product under abnormal conditions, or under conditions not specified on the label, and the buyer assumes the risk of any injury or damage. EPA Reg. No. 5481-413. EPA Est. No. 5481-CA-1. (54-413A3.PM3 signal word amend:03-27-92)

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**ACCEPTED**  
with **COMMENTS**  
in EPA Letter Dated:

JAN 28 1993

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

5481-413

U.S. ENVIRONMENTAL PROTECTION AGENCY