

5481-130

12/08/1982

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DRAFT LABEL

NOVEMBER 22, 1982

**ACCEPTED**  
**DEC - 8 1982**  
 Under the Federal Insecticide,  
 Fungicide, and Rodenticide Act,  
 as amended, for the pesticide  
 registered under  
 EPA Reg. No. 5481-130

CENTER PANEL

# Fruit Fix Super Concentrate 800

A hormone type product for control of  
 preharvest drop of apples and pears.

**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**  
 SEE SIDE PANEL FOR ADDITIONAL  
 PRECAUTIONARY STATEMENTS

**NOTICE:** This product conforms to its chemical description and  
 is reasonably fit for the purpose stated on the label, when  
 used in accordance with directions under normal conditions  
 of use. Manufacturer is not responsible for the use of this  
 product contrary to the label instructions, or under abnormal  
 conditions, or under conditions not reasonably foreseeable  
 to seller, and buyer assumes the risk of any such use.

**AMVAC CHEMICAL CORPORATION**  
 Los Angeles, California

EPA EST. NO. 5481-CA-1      EPA REG. NO. 5481 130-AA

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## LEFT PANEL

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS****CAUTION**

May be 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. Wash thoroughly after handling. Remove and wash contaminated clothing before reuse.

**ENVIRONMENTAL HAZARDS**

Do not apply directly to any body of water. Do not contaminate water by cleaning of equipment or disposal of wastes. Avoid drift of spray vapors.

**DIRECTIONS FOR USE**

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

**STORAGE AND DISPOSAL**

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

**Storage:** Do not store in direct sunlight. Do not store at temperatures of 32°F or below.

**Pesticide Disposal:** Pesticide, spray mixture or rinse water that cannot be used according to label instructions may be disposed of according to Federal, State or local procedures.

**Container Disposal:** Triple rinse (or equivalent) and dispose of in a sanitary land fill or by other approved State and local procedures.

## RIGHT PANEL

**FRUIT FIX SUPER CONCENTRATE 800** serves to control preharvest drop of apples and pears leading to larger harvest and reducing losses from windfall and knockdown. **FRUIT FIX SUPER CONCENTRATE 800** is also effective in thinning crop of olive trees when an excessively heavy fruit set is expected. **FRUIT FIX SUPER CONCENTRATE 800** may be used to prevent fruiting of ornamental olive trees. In addition, **FRUIT FIX SUPER CONCENTRATE 800** may be used for fruit thinning of oranges, tangerines (mandarins), tangelos and tangors.

**Directions for Apples and Pears**

Spray leaves thoroughly, wetting all fruit stems and adjacent leaves. Apply 7 to 14 days before harvest for apples and 5 to 7 days before harvest for pears. Do not spray within 5 days of harvest. This product becomes effective in 2 to 3 days after application and controls drop for 10 days to 4 weeks (less for McIntosh variety) depending on weather conditions. Do not make more than 2 applications and do not delay picking beyond optimum maturity.

**GROUND SPRAY**—For apples, thoroughly mix 3 fl. ozs. with 250 gallons of water (1.2 fl. ozs. per 100 gals. water) to prepare a 20ppm spray. For pears, use a 10ppm spray obtained by mixing 3 fl. ozs. with 500 gallons of water. Drench the trees with the appropriate spray using up to 670 gallons per acre of this 10ppm spray which provides an equivalent of 25 grams of 1-Naphthaleneacetic Acid per acre. Apply to fruit 5 to 7 days before harvest. Do not make more than 2 applications. Do not apply within 2 days of harvest. (For an "oil-type" spray, add 1 pint of flowable summer oil for each 100 gallons of spray solution.)

**AIRPLANE SPRAY**—Mix 5½ fl. ozs. with 3 gallons of water and emulsify with 2 gallons flowable summer oil by thorough agitation. Apply 5 gallons of emulsion per acre of apples. For pears, use 2¼ ozs. of this product in 5 gallons of emulsion per acre.

**Directions for Thinning Olive Trees**

**TIMING IS CRITICAL.** Spray when young fruits are 1/8" to 3/16" in diameter which is from 1½ to 2½ weeks following full bloom. Thinning is effective on all varieties except Sevillano.

**WITHOUT OIL.** Apply a solution of 150 ppm. 1-Naphthaleneacetic Acid equivalent obtained by adding 9 fl. ozs. and a wetting agent (e.g. Dreit 14 to 16 ozs.) to 100 gallons of water.

**WITH OIL.** Apply a solution of 100 ppm. 1-Naphthaleneacetic Acid equivalent obtained by mixing thoroughly 6 fl. ozs. with 100 gallons of water. Emulsify by agitation with 1½ gallons of light or medium summer oil.

Spray only the heavily loaded trees until the leaves are thoroughly wet. This will require 10 to 30 gallons per tree.

**CAUTION** Unless you wish to remove all your fruit, do not apply during bloom.

**Directions to Prevent Fruiting of Ornamental Olive Trees**

For best results, apply when the olive trees are in full bloom but before fruit sets. When extended bloom occurs, spray between 1/2 and 3/4 bloom, with a second spraying 7 to 14 days later.

Mix 8 ozs. Fruit Fix Super Concentrate 800 and a wetting agent (e.g. 12 ozs. liquid detergent) to 80 gallons water. Spray trees until leaves are thoroughly wet.

Application should not be made when temperatures are over 85°F, as leaf curl may occur. Adjacent plants should be covered with a polyethylene sheet while spraying and the cover left on until danger of dripping and spray drift has passed, to prevent possible injury to these plants.

**DIRECTIONS FOR FRUIT THINNING ORANGES, TANGERINES, (mandarins), TANGELOS and TANGORS.**

Spray at the rate of 100 to 500 PPM. (6 fl. ozs. per 100 gals water equals 100 PPM). The degree of thinning obtained with **FRUIT FIX SUPER CONCENTRATE 800** is highly variable and temperature related. Severe over-thinning may result from applications to trees during hot and dry conditions. Do not apply to non-thrifty trees. The grower must determine a suitable concentration and time of application for his cultivars and location. Concentrations in the 100 to 500 PPM range should be tried and applications made when the fruit are in an early stage of development (5 to 20 mm in diameter) and near the normal period of "June drop". (In Florida the period of natural drop occurs, in May.)

RIGHT PANEL

Higher thinning activity should be expected during hot weather. Therefore, lower concentrations should be used during hot weather (95° F and higher) and higher concentrations should be used during cooler and wet weather (85° to 95° F). The effectiveness of FRUIT FIX SUPER CONCENTRATE 800 diminishes rapidly below 85°F. The entire fruiting area of the tree should receive a thorough coverage of the spray solution.

-----DO NOT APPLY MORE THAN 1 APPLICATION PER YEAR

-----DO NOT USE ON ENCORE MANDARINS OR VALENCIA ORANGES

-----DO NOT USE ON VARIETIES WHERE BOTH YOUNG FRUIT AND FRUITS CLOSE TO MATURITY ARE PRESENT ON TREE.

-----DO NOT APPLY WITHIN 150 DAYS OF HARVEST