

# 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**

<b>ACTIVE INGREDIENT:</b>	
1-Naphthaleneacetic Acid, Ammonium Salt*	21.40%
<b>INERT INGREDIENTS:</b>	78.60%
<b>Total</b>	100.00%

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

**FOR THE FOLLOWING EMERGENCIES, PHONE 24 HOURS A DAY:**  
**Transportation: CHEMTREC** ..... 1-800-424-9300  
**Other: AMVAC** ..... 1-323-264-3910

## 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
- 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.

EPA Reg. No. 5481-130

EPA Est. No. 5481-CA-1



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#### Directions for Use, continued

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.

#### 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.

#### FOR USE ON APPLES AND PEARS

FRUIT FIX CONCENTRATE 800 serves to control preharvest drop of apples and pears, leading to larger harvest and reducing losses from windfall and knockdown. Spray trees 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 apple 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. oz. with 250 gallons of water (1.2 fl. oz. in 100 gals water) to prepare a 20 ppm spray.

**For Pears:** Use a 10 ppm spray obtained by mixing 3 fl. oz. with 500 gals of water. Drench the trees with the appropriate spray, using up to 670 gallons per acre of this 10 ppm spray, which provides an equivalent of 26 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

**Apples and Pears:** Mix 5-1/2 fl. oz. in 3 gallons of water and emulsify with 2 gallons of flowable summer oil by thorough agitation. Apply 5 gallons of emulsion per acre of apples.

**For Pears:** Use 2-3/4 fl. oz. of this product in 5 gallons of emulsion per acre.

#### FOR THINNING OLIVE TREES

FRUIT FIX CONCENTRATE 800 is also effective in thinning the crop of olive trees when an excessively heavy fruit set is expected.

**TIMING IS CRITICAL.** Spray when young fruits are 1/8" to 3/16" in diameter, which is from 1-1/2 to 2-1/2 weeks following full bloom. Thinning is effective on all varieties except Sevillano.

### For Thinning Olive Trees, continued

**Without Oil:** Apply a solution of 150 ppm 1-Naphthaleneacetic acid equivalent obtained by adding 9 fl. oz. of this product and a wetting agent (e.g. "Dreft" 14 to 16 oz.) to 100 gallons of water.

**With Oil:** Apply a solution of 100 ppm 1-Naphthaleneacetic acid equivalent obtained by mixing thoroughly 6 fl. oz. of this product with 100 gallons of water. Emulsify by agitation with 1-1/2 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.

PRECAUTION: Unless you wish to remove all your fruit, do not apply during bloom.

### TO PREVENT FRUITING OF ORNAMENTAL OLIVE TREES

FRUIT FIX CONCENTRATE 800 may be used to prevent fruiting of ornamental olive trees. For best result, apply when the olive trees are in full bloom but before fruit sets. When extended bloom occurs, spray between 1/2 to 3/4 bloom, with a second spraying 7 to 14 days later. Mix 8 fl. oz. FRUIT FIX CONCENTRATE 800 and a wetting agent (e.g. 12 oz. liquid detergent) to 80 gallons of water. Spray trees until leaves are thoroughly wet.

PRECAUTION: Applications should not be made when temperatures are over 85°F as leaf curl may occur. Adjacent plants should be covered with 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.

### FOR FRUIT THINNING ORANGES, TANGERINES (MANDARINS), TANGELOS AND TANGORS

FRUIT FIX CONCENTRATE 800 may be used for fruit thinning of oranges, tangerines (mandarins), tangelos and tangors. Spray at the rate of 100 to 500 ppm (6 fl. oz. of this product per 100 gals. of water equals 100 ppm). The degree of thinning obtained with FRUIT FIX CONCENTRATE 800 is highly variable and temperature related. Severe overthinning may result from application 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 ranges should be tried and applications made when the fruits 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.) 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°F to 95°F). The effectiveness of FRUIT FIX 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 VARIETIES WHERE BOTH YOUNG FRUITS AND FRUIT CLOSE TO MATURITY ARE PRESENT ON THE TREE.
- DO NOT APPLY WITHIN 150 DAYS OF HARVEST.

### 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 by other procedures approved by State and local authorities.

### LIMITED WARRANTY AND DISCLAIMER

The manufacturer warrants (a) that this product conforms to the chemical description on the label; (b) that this product is reasonably fit for the purposes set forth in the directions for use, subject to the inherent risks referred to herein, when it is used in accordance with such directions; and (c) that the directions, warnings, and other statements on this label are based upon responsible experts' evaluations of reasonable tests of effectiveness, of toxicity to laboratory animals and to plants and residues on food crops, and upon reports of field experience. Tests have not been made on all varieties of food crops and plants, or in all states or under all conditions.

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