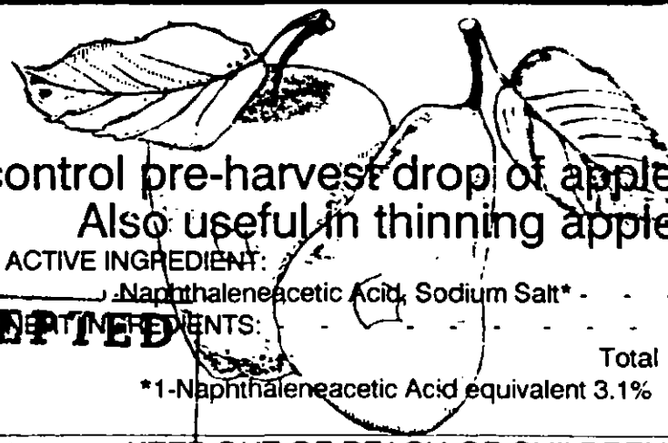
Fruitone® N



To control pre-harvest drop of apples & pears
Also useful in thinning apples.

ACTIVE INGREDIENT:

1-Naphthaleneacetic Acid, Sodium Salt*	3.5%
OTHER INGREDIENTS:	96.5%
Total	100.0%

*1-Naphthaleneacetic Acid equivalent 3.1%

ACCEPTED

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under Reg. No. 5481-427

KEEP OUT OF REACH OF CHILDREN

CAUTION

PRECAUTIONARY STATEMENTS

CAUTION

HAZARD TO HUMANS AND DOMESTIC ANIMALS

Harmful if swallowed. Avoid contact with skin, eyes and clothing. Avoid breathing spray mist.

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: If patient is conscious and alert, give 2-3 glasses of water or milk to drink. If available, give one tablespoon of Syrup of Ipecac to induce vomiting. Alternately, induce vomiting by touching back of throat with finger. Do not repeat the Syrup of Ipecac. Do not make an unconscious person vomit. GET MEDICAL ATTENTION. IF ON SKIN: Immediately wash skin with plenty of soap and water, if available, while removing contaminated clothing and shoes. Wash clothing separately before reuse. IF INHALED: Remove victim to fresh air. If not breathing give artificial respiration, administer oxygen if necessary. GET MEDICAL ATTENTION. IF IN EYES: Hold eyelids open and flush with a steady, gentle stream of water for at least 15 minutes. GET MEDICAL ATTENTION. NOTE TO PHYSICIAN: No specific antidote is available. All treatments should be based on observed signs and symptoms of distress in the patient. Overexposure to materials other than this product may have occurred.

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 when disposing of equipment washwaters. Do not contaminate irrigation ditches or water used for irrigation or domestic purposes. Do not apply when weather conditions favor drift from treated areas. Do not use in a greenhouse.

DIRECTIONS FOR USE: See right panel.

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

Do not apply FRUITONE®N through any type of irrigation system.

EPA Reg. No. 5481-427 NET WEIGHT 1 1/4 POUNDS EPA Est. No. 5481-CA-1

AMVAC CHEMICAL CORPORATION
4100 EAST WASHINGTON BLVD.
LOS ANGELES, CA. 90023

GENERAL WORKER PROTECTION STATEMENTS

Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area 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 reentry intervals for various crops treated with this product, consult with 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. Advise workers to stay out of fields during application and until sprays have dried. Regular long-sleeved work clothing should be worn when working in treated fields. See PRECAUTIONARY STATEMENTS, STATEMENTS OF PRACTICAL TREATMENT and NOTE TO PHYSICIAIN for information on accidental exposures. When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. Written warnings must include the following information, appropriate signal word (CAUTION); area treated with FRUITONE® N, date of application( ), appropriate clothing, and reentry interval (i.e. until sprays have dried).

GENERAL INFORMATION

Spraying just before harvest time (before pre-harvest drop commences) permits a longer harvest period, reduces wind losses, decreases the need for spot picking. Be sure applications are completed in time to become effective before actual pre-harvest drop begins.

CONTROL PRE-HARVEST DROP - APPLES

With summer and early fall varieties during periods of warm weather, FRUITONE® N usually becomes effective in one to two days. For later varieties during cool weather a slightly longer period is necessary. Healthy foliage, freedom from mites and freedom from frost damage is necessary for the most effective action from this product. For maximum effectiveness apply spray when temperature is 70° F or higher. Spray the entire tree canopy to "wet" assuring total complete coverage.

The following is offered only as a general guide. Variety and climatic conditions will affect the actual rate required. Generally in the Eastern U.S. a single spray of 5 to 10 ppm is recommended while in the Pacific Northwest rates of 15 to 20 ppm are usually required. Consult your State Pomologist for specific recommendations.

For summer varieties such as Yellow Transparent and Wealthy, sprays should be applied when the first sound, uninjured fruit begin to drop. The effectiveness of this material is usually much longer with these varieties in hot weather. For summer varieties, one-half concentration (5 ppm) may be effective, especially in hot weather. For late fall varieties such as McIntosh, Baldwin and Red Delicious, application should be made as the first sound, uninjured fruit begin to drop. With a variety such as McIntosh, apply FRUITONE®N as the first sound, uninjured fruit begin to drop. If the area treated is not to be picked within 7 to 10 days after first treatment, we suggest a second application be applied to remaining unpicked fruit 5 to 6 days after the first application. With later varieties such as Baldwin and Red Delicious, one application of a 10 ppm spray at the time of the first sound uninjured fruit begin to drop is usually sufficient. Under cooler temperatures (below 70° F) higher rates may be required.

CONTROL PRE-HARVEST DROP - PEARS

For Bartlett pears apply a spray of 5 ppm when the first sound, uninjured fruit begin to drop. Consult your State Pomologist for specific recommendations.

FRUITONE is a Reg. T.M. of Rhone-Poulenc

IMPORTANT: FRUITONE® N inhibits fruit drop ripening. The fruit must be picked at the pro though the hormone-like material is still effe drop. Do not make more than 2 application a 5 days before harvest.

CHEMICAL THINNING

Because of wide variations in varieties, climati set for thinning can range from 2 to 20 ppm range from petal fall to 21 days past full bloor should be limited to vigorous trees with high lower concentration for weaker, less vigorous and lower fruit set potential. Midseason to late Red Delicious, Golden Delicious and Romes sl after full bloom depending on locality and oth plication timing for your specific variety and extension pomologist for recommendations. temperature is between 70° and 75° F. Appli below 60° F or above 80° F.

IMPORTANT: FRUITONE® N should not be us (those that ripen before McIntosh) such as Williams Red and Oldenburg, since severe occur. AMID-THIN® W is recommended for th

SPRAY PREPARA

One and one-quarter pounds of FRUITONE N a concentration of 10 ppm of naphthaleneacet ration chart for other dilutions. If possible, spr the temperature is 70° to 75° F. Spray the assuring uniform coverage.

SPRAY PREPARATIO

AMOUNT OF FRUITONE® N IN OUN		
GALLONS/ACRE	75	100
RATE ppm	oz.- (lb.)	oz.- (lb.)
2.0	0.6	0.8
5.0	1.4	2.1
7.5	2.2	3.0
10.0	3.0	4.0- (0.25)
20.0	6.1-(0.38)	8.0- (0.50)

STORAGE AND DIS

STORAGE: Do not store near fertilizers, seeds Do not contaminate water, food or feed by st

PESTICIDE DISPOSAL: Open dumping is p from the use of this product may be disposed waste disposal facility.

CONTAINER DISPOSAL: Do not reuse emp equivalent). Then offer for recycling or reco dispose of in a sanitary landfill, or incinerator local authorities, burning. If burned stay out

NOTICE: This product conforms to its chemica bly fit for the purpose stated on the label, wh directions under normal conditions of use. Ma for the use of this product contrary to the abnormal conditions, or under conditions no the manufacturer and/or seller and the buyer use. (Prtr's. version Notif. Amd. 08-15-91)