

PMS 264-141 1015

**ACCEPTED**  
SEP - 3 1987  
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 264-141

FRUITONE® N

TO CONTROL PRE-HARVEST DROP OF APPLES AND PEARS. ALSO USEFUL IN THINNING APPLES.

**ACTIVE INGREDIENT:**

1-Naphthaleneacetic Acid, Sodium Salt. . . . .	.3.5%
INERT INGREDIENTS: . . . . .	96.5%
*1-Naphthaleneacetic acid equivalent. . . . .	.3.1%

E.P.A. Reg. No. 264-141 AA

E.P.A. Est. No. 477-MD-01

KEEP OUR OF REACH OF CHILDREN  
C A U T I O N

FOR ADDITIONAL PRECAUTIONARY STATEMENTS: SEE INSIDE OF LABEL

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For Emergency Information ONLY Call 24 Hours A Day 1-800-521-8235

For Product Handling, Use and General Information Call 1-800-344-9745

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UNION CARBIDE AGRICULTURAL PRODUCTS COMPANY, INC.  
P.O. Box 12014, T.W. Alexander Drive  
Research Triangle Park, NC 27709

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FRUITONE is a registered trademark of UNION CARBIDE AGRICULTURAL PRODUCTS COMPANY, INC.

MADE IN U.S.A.

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. Alternatively, 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. 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 weather conditions favor drift from treated areas or use in a greenhouse.

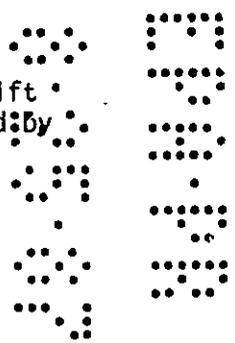
DIRECTIONS FOR USE

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.

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 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 reentry 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 a treated area 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 AND STATEMENTS OF PRACTICAL TREATMENT 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, date of application, appropriate protection clothing, and reentry interval if applicable.

PRE-HARVEST DROP

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. 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 frost damage is necessary for the most effective action from this material. If possible, sprays should be applied when temperature is 70°F or higher.

TIMING

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 with 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 at 10 ppm 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 the first sound, uninjured fruit begin to drop is usually sufficient.

For Bartlett pears, apply a spray of one half concentration (5 ppm) as the first sound, uninjured fruit begin to drop.

IMPORTANT: FRUITONE® N inhibits fruit drop but does not affect normal ripening. The fruit must be picked at the proper stage of maturity even though the hormone-like material is still effectively delaying excessive drop. Do not make more than 2 applications and do not apply closer than 5 days before harvest.



### CHEMICAL THINNING

FRUITONE® N should not be used on early summer varieties such as Yellow Transparent, Early Williams Red, and Oldenburg, since severe injury or overthinning may occur. For later fall varieties such as Red Delicious, Golden Delicious, and Romes, application should be made 14 to 18 days after full bloom. Because of wide variations in varieties, climatic factors, tree vigor and fruit set, a range of rates of 5 to 20 ppm can be used. For rates to be used for your specific variety and location, contact your local extension pomologist.

One and one-quarter pounds of FRUITONE® N gives 10 ppm of naphthaleneacetic acid in 500 gallons of water at 1X concentration.

### SPRAY PREPARATION CHART

#### AMOUNT OF FRUITONE®N IN OUNCES AND POUNDS

GALLONS/ACRE	75	100	150	300
RATE ppm	OZS (LBS)	OZS (LBS)	OZS (LBS)	OZS (LBS)
5.0	1.4	2.1	3.0	6.1 (0.38)
7.5	2.2	3.0	4.5 (0.28)	9.0 (0.56)
10.0	3.0	4.0 (0.25)	6.1 (0.38)	12.0 (0.75)
20.0	6.1 (0.38)	8.0 (0.50)	12.0 (0.75)	24.0 (1.50)

### STORAGE AND DISPOSAL

#### STORAGE

Do not store near fertilizers, seed, insecticides, or fungicides.

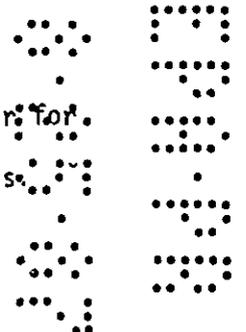
Do not contaminate water, food, or feed by storage or disposal.

#### PESTICIDE DISPOSAL

Open dumping is prohibited. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

#### CONTAINER DISPOSAL

Do not reuse empty container. 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 that this product conforms to the chemical description on the label; that this product is reasonably fit for the purposes set forth in the directions for use when it is used in accordance with such directions; and that the directions, warnings and other statements on this label are based upon responsible experts' evaluation of reasonable tests of effectiveness, of toxicity to laboratory animals and to plants, and of residues on food crops and upon reports of field experience. Tests have not been made on all varieties or in all states or under all conditions. THE MANUFACTURER NEITHER MAKES NOR INTENDS, NOR DOES IT AUTHORIZE ANY AGENT OR REPRESENTATIVE TO MAKE, ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, AND IT EXPRESSLY EXCLUDES AND DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

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