

ACCEPTED
 FEB 21 1962
 UNDER THE FEDERAL INSECTICIDE
 FUNGICIDE AND RODENTICIDE ACT
 FOR ECONOMIC POISON REGISTER
 ED UNDER NO. 264-141
 TO ATTACHED COMMENTS.



NET WT. 1/4 LB.

FRUITONE-N

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

Contains
NAPHTHARENE ACETIC ACID

ACTIVE INGREDIENTS:
Sodium 1-naphthalene acetate 3.5%
INERT INGREDIENTS: 96.5%
Naphthalene acetic acid equivalent 3.1%

AMCHEM PRODUCTS, Inc.
FARMERS AMERICAN CHEMICAL PAINT CO.
WEST CALIF. AMBLER, PA. ST. JOSEPH, MO.

FRUITONE-N is a mixture of sodium 1-naphthalene acetate and suitable conditioners. One quarter pound of FRUITONE-N contains 4 grams of naphthalene acetic acid and when mixed with 100 gallons of spray gives 10 ppm at 1X concentration. The suggestions for use of this product are of a general nature. User should consult with local agricultural authorities under unusual soil or climatic conditions. Printed in U.S.A. Form No. 1594A-2-61-A

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 Rome, 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 agricultural agent. One quarter pound of FRUITONE-N was 10 ppm in a spray. FRUITONE-N is sold in 100 gallons of water at 1X concentration.

CAUTION

Avoid spray drift to other crops. Do not use spray equipment for other purposes unless thoroughly cleaned. Do not containants water used for irrigation or domestic purposes. Avoid contact with skin, eyes or clothing.

WARRANTY

The use of this material being beyond our knowledge and control, we make no warranty, express or implied, as to the effects of such use, whether or not in accordance with directions.

DIRECTIONS

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 late fall varieties such as McIntosh, Baldwin and Red Delicious, application should be made as the first sound, uninjured fruits begin to drop. With a variety such as McIntosh, apply at 10 ppm as the first sound, uninjured fruits 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 8 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 fruits begin to drop is usually sufficient.

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 of half concentration (5 ppm) may be effective, especially with hot weather. 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.