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# STAFAST®

## HORMONE-LIKE SPEAY POSTER

Contains 1 Gram of Maphthalene Acetic Acid Per Ounce

For Thinning Apples

ACCEPTED

For Reducing Pre-Marvest Drop of Apples and Pears

Under the Federal Insecticide, Fungleide, and Rodenticide Act, as amended, for the pesticide registered under 323 3/5

NOV - 3 1982

ACTIVE INGREDIENTS:

1-Naphthalemacetic Acid...... 

TOTAL 100.0

EPA Reg. No. 2393-315

EPA Est. No. 2393-IL-3 $^{\%}$ , 2393-WI-1 $^{\%}$ , 523-IL-1 $^{\%}$ , 2393-WI-2 $^{\%}$ , 33509-MO-1 $^{\%}$  Superscript refers to first letter of lot numbers.

PAT No. 2,350,709

® Registered Trademark of Lopkins Agricultural Chemical Co.

KEEP OUT OF REACT OF CHILDREN € 12 pt.

CAUTION - 18 pt.

SEE SIDE PANEL FOR STATEMENT OF PRACTICAL TREATMENT AND ADDITIONAL PRECAUTIONARY STATEMENTS

NET WEIGHT

MANUFACTURED BY agricultural chemical co. BOX 7532 • MADISON, WISCONSIN 53707

1/2 POUND

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#### STATEMENTS OF PRACTICAL TREATMENT

If swallowed: Call a physician or Poison Control Center. Drink two glasses of water and induce vomiting by touching back of throat with finger. If available, use syrup of ipecac to induce vomiting. Do not induce vomiti j or give anything by mouth to an unconscious person.

If inhaled: Clear airway and assist respiration if necessary.

If on skin: Wash affected area with soap and water. Launder contaminated clothing before reuse.

If in eyes: Immediately flush with water for several minutes. Get medical attention if irritation persists.

## PRECAUTIONARY STATEMENTS

### MAZARDS TO HUMANS AND DOMESTIC ANIMALS

## CAUTION

Harmful If Swallowed.

Do Not Contact Skin, Eyes, or Clothing.

Do Not Contaminate Feed or Foodstuffs.

## 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 area. Observe State and local application restrictions for this product. Do not use in greenhouses. Use a separate sprayer for applying insecticides, fungicides and other chemicals to desirable plants susceptible to Naphthaleneacetic Acid, as it is difficult to remove all residue from spray equipment.

## DIRUCTIONS

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

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#### STORAGE AND DISPOSAL

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

STORAGE: Store in a cool, dry place. Do not store near fertilizers, seeds, insecticides, fungicides or other chemicals to be applied to growing crops.

PESTICIPE PISPOSAL: Pesticide, spray mixture, or rinse water that cannot be used according to label instructions must be disposed of according to applicable Federal, State or local procedures.

CONTAINER DISPOSAL: Dispose of bags according to approved Federal, State or local procedures under the Resource Conservation and Recovery Act. Do not burn.

#### GENERAL INFORMATION

How To Mix: With tank about one-third full of water, pour in the required amount of Stafast. Allow one or two minutes for thorough mixing and then fill the spray tank with water. Continue agitation while filling the tank and spraying.

NOTE: On apples do not use at rates greater than 425 gallons per acre of a 20 ppm spray. Do not use more than 35 grams of the active ingredient per acre.

On pears do not use at rates greater than 425 gallons per acre of a 10 ppm spray. Do not use more than 25 grams of the active ingredient per acre.

Do-Not make more than 2 applications. Do Not apply within 2 days of harvest.

FOR PRE-HARVEST SPRAYING

To Reduce Windfall Losses and to Hold Fruit Longer on Trees

When to Apply: Spray pears 5 to 7 days before harvest and apples 7 to 14 days before harvest (except McIntosh apples, which should receive one spray 15 to 20 days before picking time and a second 8 to 10 days before picking time).

Temperature: Maximum results are obtained if the spray is applied when the temperature is  $70^{\circ}$  or above.

Quantity to Use: Use at the rate of 1/4 pound per 100 gallons of water. As a general rule, not less than 1 gallon of the spray should be applied to a tree for each year of its age. Thus, a 20 year-old

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tree should receive at least 20 gallons of the sira; mixture in an application.

Spray Thoroughly: Care and thoroughness in application is essential. A sufficient amount of spray should be directed into the tree from the inside out and from the outside in.

Caution: While waiting for development of color and size, watch the fruit closely for maturity. Do not allow fruit to hang until too mature for proper harvesting.

### FOR THINNING APPLES

To Help Improve Size and Quality of the Fruit

As many factors, other than concentration and time of application of naphthalene acetic acid sprays affect their performance, specific recommendations as to concentration and time of application cannot be made. Agricultural Experiment Stations and Extension Services in many states issue information in regard to chemical thinning of apples under local conditions.

The amounts of Stafast required to give the various concentrations generally used are shown below.

Ounces of Stafast Per 100 Gallons	Naphthalene Acetic Acid Parts Per Million (ppm.)
2	5
4	. 10
6	15
8	20

Stafast should be applied alone and not in combination with insecticides and/or fungicides. Some factors which affect the reaction of trees to naphthalene acetic acid sprays such as Stafast are: apple variety, growth condition, moisture availability, temperature and humidity.

Growers without previous experience in the use of naphthalene acetic acid for thinning apples should treat only a few trees of any one variety until it is known how the particular trees will respond. Make application two to three weeks after the calyx stage. Delaying application of the thinning spray until two to three weeks after calyx will also allow determination as to whether there is definite oversetting before thinning.

The results of chemical thinning with naphthalene acetic acid sprays are not immediately seen, as the affected fruits may not begin to drop until a week or 10 days after treatment and the full effect

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may not be noticeable until 3 to 6 weeks after bloom.

## NOTICE OF WARRANTY

rollow directions carefully. Timing and method of application, weather and crop conditions, mixtures with other chemicals not specifically recommended, and other influencing factors in the use of this product are beyond the control of the seller. Buyer assumes all risks of use, storage or handling of this material not in strict accordance with directions given herewith.

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