

# **APPLES - THINNING AND RETURN BLOOM (VARIETIES SUCH AS GOLDEN DELICIOUS THAT ARE DIFFICULT TO THIN)**

## General Information

### This Product:

Encourages faster coloration and maturity of APPLES, GRAPES, PEPPERS, and TOMATOES.

Loosens APPLES, CHERRIES, and WALNUTS for an earlier and more efficient harvest.

Encourages earlier, uniform coloring of mature FLUE-CURED TOBACCO.

Encourages fruit abscission (slipping) in CANTALOUPE.

Augments hardiness in dormant fruit buds and helps to delay the spring bloom of SWEET CHERRIES in the Pacific Northwest.

Accelerates the loosening and ripening of BLACKBERRIES.

Minimizes lodging in WHEAT and BARLEY.

Eliminates leafy mistletoe from ORNAMENTAL DECIDUOUS TREES and dwarf mistletoe from ORNAMENTAL CONIFERS.

Removes unwanted fruit on APPLE, CRABAPPLE, CAROB, and OLIVE trees.

## GENERAL INFORMATION

Contact your Extension Pomologist, Farm Advisor, Horticultural Specialist or Arysta LifeScience Representative for local recommendations on product spray volume, spray equipment and rates of application for varying weather conditions.

## APPLICATION VOLUMES AND SPRAY COVERAGE

For optimum product efficacy, thorough spray coverage is necessary. This can be influenced by type of spray equipment, spray boom setup, nozzle selection, plant size, canopy density and spray pressure. Depending on these choices, the necessary spray volume will vary. For applications by air in California and Arizona, more than 5 gallons per acre must be used.

## USE PRECAUTIONS

THE MIXTURE OF THIS PRODUCT WITH AMMONIUM THIOSULFATE IS PROHIBITED AS IT MAY CREATE TOXIC FUMES. Other than recommended on this label, this product should not be used with additives.

Upon mixture, this product should be applied as soon as possible; in no case should the spray solution be stored overnight.

Detrimental changes to plant growth, reduced yields, and plant injury may result from spray drift of this product to nearby crops and thus should be avoided. Do not plant another crop within 30 days after treatment.

This product is corrosive. Therefore, spills of concentrated product on the aircraft or other spray equipment should be avoided. Should such contact be made, immediately rinse with water.

## EQUIPMENT CLEANING

This product is corrosive. As a result, spray deposit exposure will, over a period of time, damage metal, some paints and acrylic plastics. No more than one hour after exposure to spray deposits, these materials should be carefully rinsed with water and detergent.

## Limitations, Restrictions, and Exceptions

### APPLES

This product, when applied as a foliar spray, will help to accelerate uniform ripening and loosen fruit, thereby decreasing the mechanical shaking force needed during harvest. This contributes to fruit quality, yield size, harvest efficiency, and minimizes injury to trees. This product will accelerate ripening and red coloration when applied along with FRUITONE® N to control pre-harvest drop. This product will contribute to formation of flower buds and restrict vegetative growth when applied

to young trees.

## THINNING AND RETURN BLOOM

### Majority of Varieties

#### Instructions

- This product should be applied 10-20 days following full bloom. You may mix this product with the following insecticides to promote thinning: AMID -THINW, SEVIN brand 4F Carbaryl Insecticide, SEVIN brand 80 WSP Carbaryl Insecticide, SEVIN brand 80 S Carbaryl Insecticide or SEVIN brand XLR Plus Carbaryl Insecticide. When using these products together, you must abide by the most restrictive label guidelines. Do not exceed any label's recommended dosages. This product may not be mixed with other products whose labels prohibit such mixtures. Consult local extension recommendations.
- Optimal application efficacy may be reached by the addition of a non-ionic surfactant.
- In areas of water alkalinity, product efficacy can be increased by buffering the spray solution to a pH of 3-5. It is necessary to maintain thorough spray coverage

#### Comments

- It may be difficult to regulate cropping from one season to the next. Extreme alternate bearing may develop in a subsequent year if a large number of lateral buds and spurs bloom in one season.
- This product should be used alone or together with AMID-THIN W or one of the SEVIN products listed under Specific Directions to defeat this disorder. Such an application should occur 7-21 days following full bloom. The necessary amount of thinning and your orchard's biennial history of bearing will determine which treatment program should be used.
- On Red Delicious trees (especially those subject to stress) or trees treated with the higher rates, you may observe a decrease in fruit size and "type".

## RESTRICTIONS

- Decreased fruit and yield size as well as thinning of fruit may result from use of this product.
- This product should not be used on trees with lowered strength, as it may result in excessive growth reduction. Double coverage should be avoided.
- Because return bloom and thinning may be influenced by environmental conditions, testing any one program on a small batch of trees at first is recommended.

- Newly-bearing young trees may be at risk of a reduction in fruit size and unwanted fruit thinning.
- It is necessary to maintain thorough coverage of the fruit and foliage. Use of a wetting agent is recommended to assist in the uniform wetting of crops.
- Grazing or feeding of cover crops to livestock is prohibited.
- When making application to accelerate maturity, a decrease in fruit size may result, particularly when fruit is small when treated.
- Decreased fruit size and quality may occur if treatment is made more than three weeks prior to the normal planned time for harvest.

## Method

[Foliar spray](#)

Pre-Harvest Interval

7 days

Rates

[field\\_rates 0](#)

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Restricted Entry Interval

48 hours

The REI is 72 hours in areas where average rainfall is less than 25 inches per year.

Timings

[10-20 days following full bloom.](#)