

# **TOMATOES - FRESH MARKET TOMATOES - CALIFORNIA**

## 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 CANTALOUPEs.

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

#### TOMATOES

**PROCESSED:** Recoverable fruit yield from a once-over harvest may be increased by a foliar spray of this product, which will concentrate and speed up the ripening of tomatoes. Ripening will begin earlier and mature plant ripening will converge. This will concentrate maturity in the plants, allowing the higher yield of ripe tomatoes in a once-over harvest. In addition, this will help to prolong the normal harvest season and assist in harvest scheduling and product handling.

**FRESH MARKET TOMATOES IN CALIFORNIA:** Early marketable fruit yields may be increased by a foliar spray of this product, which will speed up the ripening of tomatoes.

#### Instructions

This product should be applied when the preferred amount of tomato fruit is mature and of a marketable size. This time is usually 3-6 days prior to harvest. Treated crops will only yield one harvest. It is necessary to maintain thorough coverage of

the fruit and foliage. As a result, spray volumes and aerial or ground equipment should be chosen to maximize coverage. For dense vegetative growth and at cooler temperatures (generally under 85°F), the longer pre-harvest interval and higher rate of this product should be used on late season crops. When temperatures are over 85°F, this product can be effective at rates as small as 1 ¼ pt/A. In addition, this lower rate may reduce damage to the foliage of certain sensitive varieties, as noted below.

#### Comments

Check treated fruit frequently and harvest at desired maturity. When programming harvest, spray a different block each day and harvest blocks daily in the same sequence.

#### RESTRICTIONS:

- Because this product is unable to cause immature green fruit to ripen, it should not be applied prior to the development of enough green fruit to produce the necessary harvest size.
- After treatment, some foliage may appear aged or yellowed.
- This product should not be applied to plants that are under stress because of drought, disease, insect pressure or soil conditions or with inferior root systems. Such application, particularly under high temperatures, may cause foliage cover to quickly diminish, resulting in a higher chance of sunburn and sun scald.
- This product should not be applied when expected temperatures at the treatment area are going to remain above 105°F.
- Sensitive plant varieties should not be treated during sustained times of temperatures over 100°F. Under these conditions, the lower rate should be used. Some examples of plant varieties that are most sensitive to foliar damage include VF 10, VF 315, VF 145, 21-4, and 13L.
- Tank mixing of this product with spray adjuvants, sun protection whiteners, sun protection products or any other additives is prohibited.
- This product should not be applied to an area greater than can be harvested within 2-3 days.
- This product should not be applied to plant varieties particularly susceptible to rapid softening or shattering when ripe.
- Do not use on greenhouse tomatoes.
- Per year, do not apply more than 6.5 pt (1.63 lb ethephon) of this product per acre.

#### Method

[Broadcast/Foliar Air](#)

[Broadcast/Foliar Ground](#)

Pre-Harvest Interval

3 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

[When the preferred amount of tomato fruit is mature and of a marketable size.](#)