

TURF

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

TURF (Do not use in California for Seedhead Suppression)

ETHEPHON 2 is a plant growth regulator that may be used to suppress the formation of seedheads of various plants including *Poa annua* and white clover. It may also be used to suppress the growth of certain cool season grasses. ETHEPHON 2 is foliarly absorbed and is most effective on actively growing healthy turf. For best results, apply in sufficient volume of water to provide uniform coverage. Use of spreader/sticker with an application of ETHEPHON 2 is not necessary.

ETHEPHON 2 is rainfast within 2 hours. Do not allow entry into treated area until ETHEPHON 2 has dried. For maximum performance, delay mowing until the day after application.

Precautions and Restrictions:

- Do not treat turfgrass with poor root systems or growing under stress due to poor soil conditions, drought, disease, or insect damage.
- Do not use ETHEPHON 2 in areas where excessive thatch has accumulated.

- Scalping may occur on creeping bentgrass cultivars after more than 2 applications of ETHEPHON 2 for Poa seedhead suppression.
- ETHEPHON 2 has been used successfully on many bentgrass cultivars. Tolerance testing should be done in new cultivars before extensive use.
- Do not exceed a maximum of 30 oz of ETHEPHON 2 per 1,000 sq ft per year.
- Do not mix with ammonium thiosulfate. This mix may result in the formation of toxic fumes.

Seedhead Suppression: Foliar application of ETHEPHON 2 will provide suppression of Poa annua and white clover seedheads. Make the initial application prior to the emergence of new seedheads. A period of 2-3 weeks after application is required for maximum performance. Repeat applications may be made to predominately Poa annua or white clover sites as needed, but not less than two weeks after the previous application.

Growth Suppression: An application of ETHEPHON 2 slows the growth of turfgrasses, thus reducing the required frequency of mowing and the volume of clippings collected. For best turfgrass growth regulation, apply ETHEPHON 2 when daytime air temperatures are 65°F and rising. ETHEPHON 2 should only be applied once turfgrass mowing heights have been established for the season. Avoid multiple applications of ETHEPHON 2 in areas where excessive thatch has accumulated.

APPLICATION

Turfgrass Growth Regulation Reapplication intervals:

Kentucky Bluegrass - 7 weeks

Perennial Ryegrass - 7 weeks

Tall/Fine Fescue - 4 weeks

Bentgrass - 4 weeks

SPRAY VOLUME

- 1.0-2.0 gal/1,000 sq ft

Golf course turf including Greens, Tees - Do not use in California on greens or tees unless accompanied by supplemental labeling.

NOTE: Since ETHEPHON 2 is an acidic product, prolonged exposure to spray deposits will damage acrylic plastics, certain paints and metals. Thoroughly rinse all exposed acrylic-plastic materials and painted surfaces with a detergent and water within one hour after exposure to spray deposits.

Method

[Foliar spray](#)

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

[Postemergence \(Crop\)](#)