



John Elias Baldacci  
GOVERNOR

STATE OF MAINE  
MAINE DEPARTMENT OF AGRICULTURE, FOOD & RURAL RESOURCES  
BOARD OF PESTICIDES CONTROL  
28 STATE HOUSE STATION  
AUGUSTA, MAINE 04333-0028

SETH H. BRADSTREET III  
COMMISSIONER  
HENRY JENNINGS  
DIRECTOR

To: Board of Pesticides Control Members  
From: Mary Tomlinson, Pesticides Registrar  
RE: Special Local Needs (24c) Label Revision for use of Ethrel brand Ethephon Plant  
Regulator, EPA Reg. No. 264-267, EPA SLN No. ME-090004, on large-fruited greenhouse  
tomatoes  
Date: February 4, 2011

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Enclosed is the above referenced SLN revised supplemental product label for your consideration. In a letter received December 30, 2010, the EPA gave approval for the Ethrel brand Ethephon Plant Regulator, EPA Reg. No. 264-267, label subject to the addition of "per year" to the statement, "DO NOT apply more than 5 pints per acre."

In addition, the EPA recommends expiration dates be added to Section 24c labels to encourage registrants to move Section 24c uses to the Section 3 label if these uses are to be long term.

Please review the revised label and let me know if you have any questions.

DEC 30 2010  
~~JAN 3 2011~~



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

DEC 28 2010

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

Wesley C. Smith, Pesticides Registrar  
Board of Pesticides Control  
Maine Department of Agriculture  
28 State House Station  
Augusta, Maine 04333

**Subject: Ethrel® brand Ethephon Plant Regulator  
EPA SLN No. ME090004**

Dear Mr. Smith:

On August 25, 2009, the Maine Department of Agriculture issued a State Registration, SLN No. ME-090004, under Section 24 (c) of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) as amended, to Linda Aschbrenner of Bayer CropScience, Inc. This registration was issued for the application of ethephon to tomatoes grown in greenhouses to accelerate fruit maturation or facilitate uniform fruit ripening. The associated ethephon product being used for this new food use is Ethrel® brand Ethephon Plant Regulator; EPA Reg. No. 264-267. We have no objection to this SLN provided that within 45 days from the date of this letter you submit to us a revised master label in which the following statement "DO NOT apply more than 5 pints per acre." is changed to "DO NOT apply more than 5 pints per acre per year." This statement occurs in the "Directional application used to aid in uniform maturation of cluster tomatoes or individual fruit with irregular maturing." row of the "Remarks". column of the table on page 1 and in the "RESTRICTIONS/PRECAUTIONS" SECTION ON PAGE 2 of the subject SLN product label.

If you have any questions concerning this letter, please contact me at 703-305-9443 or [kish.tony@epa.gov](mailto:kish.tony@epa.gov), or 703-308-9443.

Sincerely,

*John B. Baymin, Jr.*  
*TOK*

Tony Kish  
Product Manager, Team 22  
Fungicide Branch  
Registration Division (7504P)



Bayer CropScience LP  
 P.O. Box 12014  
 2 T. W. Alexander Drive  
 Research Triangle Park, NC 27709  
 1-866-99BAYER (1-866-992-2937)

**ETHREL® brand Ethephon Plant Regulator**  
**For Use on Large-Fruited Greenhouse Tomatoes**  
**EPA Reg. No. 264-267**  
**SLN No. ME-090004**

## 24(c) Supplemental Label

### FOR DISTRIBUTION AND USE ONLY IN THE STATE OF MAINE

This label and the federal label for this product must be in the possession of the user at the time of pesticide application. Follow all applicable directions, restrictions, Worker Protection Standards (WPS) and precautions on this **supplemental label and the main EPA-registered label.**

**This label for Ethrel® brand Ethephon Plant Regulator expires and must not be distributed or used in accordance with this SLN registration after December 31, 2015.**

### DIRECTIONS FOR USE

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

A foliar spray of ETHREL® brand Ethephon Plant Regulator can be used to chemically accelerate fruit maturation or to facilitate uniform fruit ripening.

#### LARGE-FRUITED GREENHOUSE TOMATOES (greater than 1" in diameter).

Crop Situation	ETHREL®	Specific Directions	Remarks
<b>Directional application used to aid in uniform maturation of cluster tomatoes or individual fruit with irregular maturing.</b>	0.15% – 0.35% solution of ETHREL in water Or 1-2.5 teaspoons per gallon  Buffer to pH of 6.0	Apply directly to fruit to aid in uniform maturation.	This use should be done with a handheld sprayer or spray applicator directed specifically to individual fruit.  <b>DO NOT apply more than 5 pints per acre per year.</b>  <b>Caution:</b> To avoid damage to the plant, do not spray entire plant or foliage.
Crop Situation	ETHREL® Pints/Acre	Specific Directions	Remarks
<b>Late-Season application</b>	1¼ to 5 pints per acre.	This application should be used when fruit are marketable size.	Material may be sprayed on the plant foliage.
<b>Late-Season application</b>	Mix 1:6 ratio up to 5 pints per acre.		Apply with a brush or sponge directly to the stem in stripes 3-6 inches long just below the fruit.  <b>Caution:</b> Avoid application to fruit if applying by brush or sponge.

## AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), notification to workers, and restricted-entry intervals. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 48 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated such as plants, soil or water is coveralls over long-sleeved shirt and long pants, chemical-resistant gloves made of any waterproof material such as polyethylene or polyvinyl chloride, chemical resistant footwear plus socks, and goggles or face shield. For overhead exposure, chemical-resistant headgear is also required.

Notify workers of the application by warning them orally and by posting warning signs at entrance to treated areas.

**Pre Harvest Interval (PHI): 48-hours – Re-entry Interval (REI): 48-hours**

### RESTRICTIONS/PRECAUTIONS

- DO NOT MIX ETHREL® WITH AMMONIUM THIOSULFATE. SUCH TANK MIXTURES MAY RESULT IN FORMATION OF TOXIC FUMES. Mix only the amount of spray you expect to use each day.
- Do not allow mixed solution to stand overnight.
- Do not contaminate water used for irrigation or domestic purposes. Do not contaminate water when disposing of equipment washwaters.
- DO NOT apply more than 5 pints per acre per year.
- Avoid spray drift to nearby crops as this product will cause modifications in plant growth.
- Plant injury or reduced yields may result.

**IMPORTANT:** Do not apply ETHREL® brand Ethephon Plant Regulator through any type of irrigation system.

For MEDICAL And TRANSPORTATION Emergencies ONLY Call 24 Hours A Day 1-800-334-7577

For PRODUCT USE Information Call 1-866-99BAYER (1-866-992-2937)

or

Visit our worldwide web site at [www.bayercropscienceus.com](http://www.bayercropscienceus.com)

*As with any crop-protection product, always read and follow label directions.*

*For additional information call toll-free 1-866-99BAYER (1-866-992-2937).*