

73049-42

11/2/2001

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ACCEPTED
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Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 73049-42

RELEASE® LC
PLANT GROWTH REGULATOR
SOLUTION

Active Ingredient:

Gibberellins.....4.0% w/w
 Other Ingredients.....96.0% w/w
 Total.....100.0% w/w

Release LC liquid contains approximately 1.0 gram active ingredient per fluid ounce of formulated product.

Valent BioSciences Corporation
 870 Technology Way
 Libertyville, IL 60048

EPA Reg. No. 73049-42
 EPA Est. No. 33762-IA-1
 Net Contents:

KEEP OUT OF REACH OF CHILDREN
WARNING - AVISO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail).

FIRST AID	
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If in eyes	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
If swallowed	<ul style="list-style-type: none"> • Call poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person
If inhaled	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.

If on skin or clothing	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
HOT LINE NUMBER	
<p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-892-0099 (24 hours) for emergency medical treatment and/or transport emergency information. For all other information, call 1-800-6-Valent.</p>	

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS (AND DOMESTIC ANIMALS)**

WARNING

Causes substantial but temporary eye injury. Harmful if inhaled or absorbed through skin. Do not get in eyes or on clothing. Avoid breathing vapor or spray mist, and avoid contact with skin. Wear protective eyewear (goggles or face shield). Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

Personal Protective Equipment

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for Category C on an EPA chemical resistance category selection chart.

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants.
- Chemical-resistant gloves, such as barrier laminate or butyl rubber or nitrile rubber or neoprene rubber or polyvinyl chloride or viton.
- Shoes plus socks.
- Protective eyewear.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining Personal Protective Equipment (PPE). If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water by cleaning of equipment or disposal of equipment washwaters.

PHYSICAL OR CHEMICAL HAZARDS

FLAMMABLE! Keep away from heat and open flame.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

Do not apply this product through any type of irrigation system.

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 of 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), 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 12 hours. Exceptions: After treated seeds are planted, the Worker Protection Standard, under certain circumstances, allows workers to enter the planted area if there will be no contact with anything that has been treated.

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.
- Chemical-resistant gloves, such as barrier laminate or butyl rubber or nitrile rubber or neoprene rubber or polyvinyl chloride or viton.
- Shoes plus socks.
- Protective eyewear

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Keep containers tightly closed when not in use. Keep away from heat and open flame.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose in a sanitary landfill, or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

GENERAL INFORMATION

IMPORTANT: Before application, read directions thoroughly and use only as directed.

Release LC® contains an extremely potent natural plant growth regulator. One fluid ounce of Release LC contains approximately one gram of active ingredient. Consult your local experiment station specialist, distributor, or the Abbott agricultural specialist in your area for the application best suited for your conditions.

Release LC is designed for use on stonefruit. When applied according to label directions, Release LC may: (a) reduce flowering and fruiting ("thinning") the season following application, and (b) increase fruit firmness and improve fruit quality in the season of application.

Release LC is designed to be used as a seed treatment for rice, wheat, and sorghum seed. When applied according to the label directions, Release LC stimulates seed germination and promotes faster and uniform stand establishment. The following table describes Release LC use application and expected benefits.

RELEASE LC SEED TREATMENT APPLICATIONS
For Application to Rice, Wheat, and Sorghum Seed

Crop	RELEASE LC Use Rates	Use Restrictions	Benefits
Rice	0.5 to 2.1 fl oz product in 8-20 fl oz water/100 lbs seed (Equivalent to 15 to 62 ml in 237-591 ml water/45 kg seed)	For use with drill or broadcast seeding systems. Do not apply Release LC prior to a 24 hour presoak or to water used for the presoak. Do not exceed 2.1 fl oz product/100 lbs of seed (or 62 ml product/45 kg seed)	May promote germination and emergence for semi-dwarf and tall varieties. May help increase final stand density and uniformity when seed are planted deeper to receive adequate moisture.
Wheat	0.5 to 3.15 fl oz product in 8-20 fl oz water/100 lbs seed (Equivalent to 15 to 93 ml in 237-591 ml water/45 kg seed)	Do not exceed 3.15 fl oz product/100 lbs of seed (or 93 ml product /45 kg seed)	May promote germination and emergence, particularly for seed with dormancy problems that are planted under cool soil conditions.
Sorghum	0.5 to 3.15 fl oz product in 8-20 fl oz water/100 lbs seed (Equivalent to 15 to 93 ml in 237-591 ml water/45 kg seed)	Do not exceed 3.15 fl oz product/100 lbs of seed (or 93 ml product/45 kg seed)	May promote germination and emergence, particularly for seed with dormancy problems that are planted under cool soil conditions.

Mixing Instructions

Release LC may be applied to seed with standard mist treating equipment. For best results, higher treatment volume of 12 to 20 fluid ounces per 100 pounds of seed (355 to 591 ml/45 kg seed) ensures complete and uniform coverage.

Fill the treatment tank with half of the final tank mix volume. Add the required amount of Release LC and mix thoroughly while adding water and other co-applied seed treatment products (see Compatibility with Other Chemicals section) to the desired final volume.

Use Precautions

Do not use treated seed for food, feed or oil purposes. An approved dye must be added to distinguish Release LC treated seed and prevent inadvertent use as food or feed.

COMPATIBILITY WITH OTHER CHEMICALS

Release LC is compatible with most commonly used fungicide seed treatments (e.g. Vitavax® and Dithane®), standard dyes, and sticker/binding agents. When preparing tank mixes, ensure adequate physical compatibility and mixing.

Vitavax® is a registered trademark of Uniroyal Chemical Co.
Dithane® is a registered trademark of Rohm and Haas Co.

SPRAY GUIDELINE FOR STONEFRUIT

Prepare spray material by mixing the required amount of product with water only in a clean, empty spray tank. Application is recommended by ground sprayer. For optimum results, uniform spray coverage of leaves, shoots and fruits is required. Use sufficient water volume to ensure thorough wetting of the canopy.

To optimize responses make applications during periods conducive to longer drying times, i.e. late afternoon through early morning. Responses may vary with species, variety, rate and application timing. Grower experience will determine the best rate, timing, and volume necessary to obtain the desired response for any individual orchard. As a range of rates is indicated, use the concentration and spray volume recommended locally. For more information, consult your local extension specialist, farm advisor, or Abbott Laboratories agricultural specialist.

- Apply only to mature bearing trees greater than five years of age.
- DO NOT exceed 48 grams*/acre per season.
- DO NOT apply within five days of harvest.
- Do not apply in less than 100 gallons of water per acre.

To reduce flowering and fruiting ("thinning") the season following application:

Guide: Apply as a single spray of 16 to 48 grams*/acre during the flower bud initiation period, which typically occurs from mid-May through mid-July.

Note: If fruit are present, fruit firmness may be increased. Soluble solids levels may be slightly delayed in some varieties.

To increase fruit firmness and improve fruit quality in the season of application:

Guide: Apply as a single spray of 16 to 48 grams*/acre approximately one to four weeks prior to

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Guide: Apply as a single spray of 16 to 48 grams*/acre approximately one to four weeks prior to harvest.

Note: If application is made from mid-May through mid-July both a firmness (in season of application) and a thinning (following season) response may occur. Soluble solids levels may be slightly delayed in some varieties.

*Refers to actual gibberellins.

COMPATIBILITY WITH OTHER CHEMICALS

Do not mix with adjuvants, nutrients or pesticides except DiPel® or XenTari® (products of Valent BioSciences Corporation). Data concerning the compatibility of Release LC with other agricultural compounds used on stone fruit, other than DiPel and XenTari, are not available.

NOTICE TO USER

Seller makes no warranty, express or implied, of merchantability, fitness or otherwise concerning the use of this product other than as indicated on the label. User assumes all risks of use, storage or handling not in strict accordance with accompanying directions.

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