



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Washington, D.C. 20460

June 6, 2008

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

Doina Bujor, Regulatory Manager
Valent BioSciences Corporation
870 Technology Way
Libertyville, IL 60048

RE: Product Name: Release Soluble Powder
EPA Reg. No: 73049-6
Application for Label Notification Dated May 19, 2008 to Revise the Container
Disposal Language per PRN 2007-4

Dear Ms. Bujor:

The Biopesticides and Pollution Prevention Division is in receipt of your application for Notification under 98-10 dated above. A preliminary screen of this request has been conducted for its applicability under PRN 98-10 and it has been determined that the action(s) requested falls within the scope of PRN 98-10. Our records have been duly noted, and the label submitted with this application has been stamped "Notification, received and reviewed" and will be placed accordingly in our records.

Questions concerning this action should be directed to Ms. Diana Hudson at (703) 308-8713 or email at hudson.diana@epa.gov.

Sincerely,

Linda Hollis

Linda Hollis, Chief
Biochemical Pesticides Branch
Biopesticides and Pollution Prevention
Division (7511P)

2810

Print Form

Please read instructions on reverse before completing form.

Form Approved, OMB No. 2070-0060



United States
Environmental Protection Agency
Washington, DC 20460

 Registration
 Amendment
 Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 73049-6	2. EPA Product Manager Linda Hollis	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) RELEASE Plant Growth Regulator Soluble Powder	PM#	
5. Name and Address of Applicant (Include ZIP Code) Valent BioSciences Corporation 870 Technology Way Libertyville, IL 60048 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: NOTIFICATION EPA Reg. No. _____ Date Reviewed: <u>6-6-08</u> Product Name _____ Reviewed By: <u>D. HUDSON</u>	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application. Reviewed By: _____
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below. Date Reviewed: _____

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

NOTIFICATION

Notification of label per PR Notice 2007-4. This notification is consistent with the guidance in PR Notice 2007-4 and requirements of EPA's regulations at 40 CFR §§ 156.10, 156.140, 156.144, 156.146, and 156.156. NO other changes have been made to the labeling or the Confidential Statement of Formula for this product. (see next page)

Section - III

1. Material This Product Will Be Packaged In:			
Child-Resistant Packaging <input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Type of Container <input type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
* Certification must be submitted		If "Yes" Unit Packaging wgt. _____ No. per container _____	If "Yes" Package wgt. _____ No. per container _____
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container	4. Size(s) Retail Container	5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Other _____ <input type="checkbox"/> Stenciled			

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Doina Bujor	Title Regulatory Manager	Telephone No. (Include Area Code) 847-968-4724
2. Signature 		6. Date Application Received (Stamped)
3. Title Regulatory Manager		
4. Typed Name Doina Bujor		
5. Date May 19, 2008		

5 8 10
NOTIFICATION

Date Reviewed: 6-6-08

Reviewed By: D. Hudson

RELEASE®
PLANT GROWTH REGULATOR
SOLUBLE POWDER

Active Ingredient:

Gibberellic Acid.....10% w/w
Other Ingredients.....90% w/w
Total.....100% w/w

Contains a total of 100 g of gibberellic acid per kilogram

Valent BioSciences Corporation
870 Technology Way, Suite 100
Libertyville, IL 60048

EPA Reg. No. 73049-6
EPA Est. No. 33762-IA-1

Batch Code: _____

Net Contents:

KEEP OUT OF REACH OF CHILDREN

CAUTION

FIRST AID	
If on skin of 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.
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 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.
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 (& DOMESTIC ANIMALS)

CAUTION

Harmful if absorbed through skin or inhaled. Avoid breathing vapor or spray mist. Causes moderate eye injury. Avoid contact with skin, eyes or clothing.

Personal Protective Equipment

Applicators and other handlers must wear;

- Long-sleeved shirt and long pants.
- Waterproof gloves.
- Shoes plus socks.

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 clothing immediately if pesticide gets inside. Then wash thoroughly and put on 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 when disposing of equipment washwaters.

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 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), 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 4 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.
- Waterproof gloves.
- Shoes plus socks.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Keep containers tightly closed when not in use.

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: Nonrefillable container. Do not reuse this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

Once cleaned, some agricultural plastic pesticide containers can be taken to a container collection site or picked up for recycling. To find the nearest site, contact your chemical dealer or manufacturer, or contact Ag Container Recycling Council at 202-861-3144 or www.acrecycle.org. If recycling is not available puncture and dispose of the container in a sanitary landfill, or by other procedures approved by state and local authorities.

8 7 10

GENERAL INFORMATION

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

Release® contains an extremely potent natural plant growth regulator. One gram of Release contains 100 milligrams of active ingredient. Consult your local experiment station specialist, distributor, or the Valent agricultural specialist in your area for the application best suited for your conditions.

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

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

Crop	RELEASE Use Rates	Use Restrictions	Benefits
Rice	<p>Use Rates for All States Except California: 0.18 to 0.7 oz product in 8-20 fl oz water/100 lbs seed (Equivalent to 5 to 20 g Release in 237-591 ml water/45 kg seed)</p> <p>Use Rates for California: 0.35 to 0.7 oz of product in 8-20 fl oz of water/100 lbs of seed. (Equivalent to 10 to 20 g. Release in 237 - 591 ml water/45 kg seed).</p>	<p>For use with drill or broadcast seeding systems.</p> <p>Do not apply Release prior to a 24 hour presoak or to water used for the presoak.</p> <p>Do not exceed 0.7 oz product/100 lbs of seed (20 g product/45 kg seed).</p>	<p>May promote germination and emergence for semi-dwarf and tall varieties.</p> <p>May help increase final stand density and uniformity when seed are planted deeper to receive adequate moisture.</p>
Wheat*	<p>0.35 to 1.05 oz product in 8-20 fl oz water/100 lbs seed (Equivalent to 10 to 30 g Release in 237-591 ml/45 kg)</p>	<p>Do not exceed 1.05 oz product/100 lbs of seed (30 g product/45 kg seed).</p>	<p>May promote germination and emergence, particularly for seed with dormancy problems that are planted under cool soil conditions.</p>
Sorghum*	<p>0.35 to 1.05 oz product in 8-20 fl oz water/100 lbs seed (Equivalent to 10 to 30 g Release in 237-591 ml water/45 kg seed)</p>	<p>Do not exceed 1.05 oz product/100 lbs of seed (30 g product /45 kg seed)</p>	<p>May promote germination and emergence, particularly for seed with dormancy problems that are planted under cool soil conditions.</p>

*Not for use in California

Mixing Instructions

RICE, WHEAT, AND SORGHUM

Release may be applied to seed with standard mist treating equipment. For best results, higher treatment volumes of 12 to 20 fluid ounces per 100 lbs of seed (355 to 591 ml per 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 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-treated seed and prevent inadvertent use as food or feed.

COMPATIBILITY WITH OTHER CHEMICALS

Release 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. Release has been shown to be incompatible with zinc oxide and copper hydroxide containing products, which may be applied as seed treatments.

NOTICE TO USER: Seller makes no warranty, expressed 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.

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

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