

83941-2

06-21-2011

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Laboratoires Goëmar SA
c/o Frederick T. Smith
SciReg, Inc.
12733 Director's Loop
Woodbridge, VA 22192

JUN 21 2011

Subject: Label Amendment to revise the crop diseases, application rates, and application instructions, add bulb vegetables, table and wine grapes, and berry crops, and make other minor label changes.
Vacciplant
EPA Reg. No.: 83941-2
Your submission dated April 28, 2011
Decision Number: 448505

Dear Mr. Smith:

The amendment referred to above submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, has been received and reviewed, and the amendment is acceptable provided that you submit and/or cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions. Please submit three (3) copies of your final printed labeling prior to shipment of your product. Should you have any questions, you may contact Mr. Colin Walsh directly at (703) 308-0298 or via email at walsh.colin@epa.gov.

Sincerely,


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

CONCURRENCES

SYMBOL	7511P	7511P						
SURNAME	Walsh	COLE						
DATE	6/8/11	6/14/11						

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United States
Environmental Protection Agency
 Washington, DC 20460

<input type="checkbox"/>	Registration
<input checked="" type="checkbox"/>	Amendment
<input type="checkbox"/>	Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 83941-2	2. EPA Product Manager L. Hollis	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Laboratoires Goëmar SA/VacciPlant	PM# 91	
5. Name and Address of Applicant (Include ZIP Code) Laboratoires Goëmar SA Parc Technopolitain Atalante Saint Malo CS41908 Saint Jouan des Guérets 35419 SAINT MALO cedex France <input checked="" 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: EPA Reg. No. _____ Product Name _____	

Section - II

<input checked="" 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.
<input type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

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

Label amendment to update the address for Laboratoires Goëmar SA, revision of diseases, application rates, and application instructions, and addition of crops (bulb vegetables, table and wine grapes, and berries).

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Metal	
				<input 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 type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/> On label. <input type="checkbox"/> On label accompanying product.	
6. Manner in Which Label is Affixed to Product		<input type="checkbox"/> Lithograph	<input type="checkbox"/> Paper glued	<input type="checkbox"/> Stenciled	<input type="checkbox"/> Other _____

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Frederick T. Smith	Title Agent (SciReg, Inc.)	Telephone No. (Include Area Code) 703/494-6500
Certification I certify that the statements which I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		3. Date Application Received (Stamped)
2. Signature 	3. Title Agent (SciReg, Inc.)	
4. Typed Name Frederick T. Smith	5. Date 4/28/11	

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VACCIPLANT

STIMULANT OF PLANT DEFENSE REACTIONS

Active Ingredient:

Laminarin 3.51%

Other Ingredients: 96.49%

Total 100.00%

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

FIRST AID	
IF SWALLOWED	<ul style="list-style-type: none"> • Call a 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 a poison control center or doctor. • Do not give anything by mouth to an unconscious person.
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.
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.
<p align="center">HOT LINE NUMBER</p> <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 1-800-858-7378 (National Pesticide Information Center) for emergency medical treatment information.</p>	

EPA Reg. No. 83941-2
EPA Est. No. 83941-FRA-001

NET CONTENTS:

Laboratoires Goëmar SA
Parc Technopolitain Atalante Saint Malo
CS41908 Saint Jouan des Guérets
35419 SAINT MALO cedex
France

ACCEPTED

JUN 21 2011

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

83941-2

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

Caution. Harmful if swallowed, absorbed through skin, or inhaled. Avoid contact with skin, eyes, or clothing. Avoid breathing spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

ENVIRONMENTAL HAZARDS

For terrestrial uses: Do not apply directly to water, or 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 wash water or rinsate.

PHYSICAL AND CHEMICAL HAZARDS

FOR CHEMICAL EMERGENCY: spill, leak, fire, exposure, or accident call CHEMTREC
1-800-424-9300.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear long pants, long-sleeved shirt, shoes plus socks, and chemical-resistant gloves. Follow manufacturer's instructions for cleaning/maintaining 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:

- Remove PPE clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- 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.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read entire label before using. 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 State or Tribal agency responsible for pesticide regulation. Do not apply this product through any type of irrigation system. Do not apply this product when raining.

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 interval. 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.

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
- Shoes plus socks
- Chemical-resistant gloves made of any waterproof material

PREPARATION OF THE MIXTURE

Shake the container and pour the required amount of Vacciplant into the sprayer tank while filling with the appropriate amount of water. Maintain agitation. Do not store the mixture overnight.

GENERAL APPLICATION INSTRUCTIONS

Do not apply this product post-harvest. Apply the required amount of Vacciplant according to the table below.

Crop	Disease	Number of Applications/Season	Application Interval	Rate/Acre/ Application	Application Instructions	
Fruiting Vegetables	Bacterial spot Bacterial speck Early blight Phytophthora blight	2 - 10	7-10 days	15 fl oz/100 gal of water	Start Vacciplant applications preventatively in combination with an appropriate registered fungicide in 100 gallons of water. Repeat applications until disease conditions end.	
	- Tomato Botrytis Powdery mildew Anthracnose	2 - 10	7-10 days	15-22 fl oz/100 gal of water	Start Vacciplant applications preventatively. When the first disease symptoms occur, apply Vacciplant in combination with an appropriate registered fungicide. When applied alone, use Vacciplant at 22 fl oz/acre in 100 gallons of water. When tank mixed with fungicides, use Vacciplant at 15 fl oz/acre in 100 gallons of water.	
- Eggplant - Pepper	Phytophthora blight Bacterial spot	2 - 10	7-10 days	15 fl oz/100 gal of water	Start Vacciplant applications preventatively in combination with an appropriate registered fungicide in 100 gallons of water. Repeat applications until disease conditions end.	
	Downy mildew Powdery mildew	2 - 10	7-10 days	15-22 fl oz/100 gal of water	Start Vacciplant applications preventatively. When the first disease symptoms occur, apply Vacciplant in combination with an appropriate registered fungicide. When applied alone, use Vacciplant at 22 fl oz/acre in 100 gallons of water. When tank mixed with fungicides, use Vacciplant at 15 fl oz/acre in 100 gallons of water.	
Cucurbits	- Zucchini - Cucumber - Watermelon - Cantaloupe - Squash - Pumpkin - Muskmelon	Phytophthora blight Angular leaf spot	2 - 10	7-10 days	15 fl oz/100 gal of water	Start Vacciplant applications preventatively in combination with an appropriate registered fungicide in 100 gallons of water. Repeat applications until disease conditions end.
		Powdery mildew Downy mildew	2 - 10	7-10 days	15-22 fl oz/100 gal of water	Start Vacciplant applications preventatively. When the first disease symptoms occur, apply Vacciplant in combination with an appropriate registered fungicide. When applied alone, use Vacciplant at 22 fl oz/acre in 100 gallons of water. When tank mixed with fungicides, use Vacciplant at 15 fl oz/acre in 100 gallons of water.
Bulb vegetables	- Onion - Leek	Bacterial leaf streak Yellow soft virus	2 - 10	7-10 days	15 fl oz/100 gal of water	Start Vacciplant applications preventatively in combination with an appropriate registered bactericide in 100 gallons of water. Repeat applications until disease conditions end.
Head and leafy vegetables	- Lettuce - Spinach - Celery	Downy mildew Botrytis	2 - 6	7-10 days	15 fl oz/100 gal of water	Start Vacciplant applications preventatively in combination with an appropriate registered fungicide in 100 gallons of water. Repeat applications until disease conditions end.

Crop	Disease	Number of Applications/Season	Application Interval	Rate/Acre/ Application	Application Instructions
Cole crops Brassicas - Cabbage - Broccoli - Brussels sprout - Chinese cabbage - Cauliflower	Downy mildew Powdery mildew	2 - 10	7-10 days	15 fl oz/100 gal of water	Start Vacciplant applications preventatively in combination with an appropriate registered fungicide in 100 gallons of water. Repeat applications until disease conditions end.
Stone fruits - Peach	Monilia Fruit brown rot	2 - 4	7-10 days	15 fl oz/50 gal of water	Apply Vacciplant in combination with an appropriate registered fungicide in 50 gallons of water. Begin application 30 days before harvest. Do not apply post-harvest.
Pome fruits - Apple - Pear	Fire blight	2 - 7	7-10 days	10 fl oz/50 gal of water	Apply Vacciplant in 50 gallons of water from green bud stage to petal fall stage on one year old wood. After blooming time, continue Vacciplant applications if weather conditions are favorable for disease.
	Scab	2 - 10	7-10 days	10 fl oz/50 gal of water	After primary contamination of scab, apply Vacciplant in 50 gallons of water. In situations that may cause high disease pressure (rain showers for 18h and over 1 inch), apply in combination with an appropriate registered fungicide in 100 gallons of water. Repeat applications until disease conditions end.
	Gloeosporium rot	2 - 10	7-10 days	10 fl oz/50 gal of water	Apply Vacciplant in 50 gallons of water every 7-10 days from 3 weeks before harvest. Do not apply post-harvest.
Strawberries	Botrytis	2 - 6	7-10 days	15 fl oz/100 gal of water	Start Vacciplant applications at the early beginning of flowering in combination with an appropriate registered fungicide in 100 gallons of water. Repeat applications until disease conditions end.
	Leaf spot Leather rot Leaf scorch Powdery mildew Anthracnose	2 - 10	7-10 days	15 fl oz/100 gal of water	Start Vacciplant applications preventatively in combination with an appropriate registered fungicide in 100 gallons of water. Repeat applications until disease conditions end.
Table grapes Wine grapes	Powdery mildew	2 - 10	7-10 days	15 fl oz/70 gal of water	Apply Vacciplant in 70 gallons of water as the last treatment before harvest.
Berries - Blueberry	Botrytis blight	2 - 10	7-10 days	15 fl oz/100 gal of water	Start Vacciplant applications at the early beginning of flowering in combination with an appropriate registered fungicide in 100 gallons of water. Repeat applications until disease conditions end.

COMPATIBILITY

Vacciplant is compatible with many commonly used crop protection products, but has not been fully evaluated with all. Evaluate tank-mix compatibility prior to use. Observe the most restrictive of the labeling limitations and precautions of all products used in mixtures. Apply to a small area of the crop to ensure there are no phytotoxic effects. Contact your VacciPlant technical service representative for additional details.

- Vacciplant acts early against specified plant diseases inducing plant defense reactions.
- Vacciplant induces systemic resistance, which allows protection during growth.

STORAGE AND DISPOSAL

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

Pesticide Storage: Keep container 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 Handling: Nonrefillable container. Do not reuse or refill this container. Triple rinse (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into the application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ 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. Then offer for recycling, if available, or puncture or dispose of in a sanitary landfill, or by incineration. Do not burn unless allowed by state and local ordinances.

CONDITIONS OF SALE AND WARRANTY

LABORATOIRES GOËMAR SA warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used according to the directions under normal use conditions.

To the extent consistent with applicable law, neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, expressed or implied, extends to the use of this product contrary to the label instructions; the buyer assumes the risk of any such uses.