
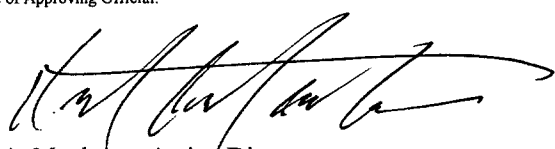


83941-2

02-15-2010

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|  | U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Biopesticides and Pollution Prevention Division (7511P) 1200 Pennsylvania Avenue NW Washington, DC 20460 | EPA Reg. Number: 83941-2 | Date of Issuance: 15 Feb 2010 |
| | | Term of Issuance: Unconditional | |
| NOTICE OF PESTICIDE: <input checked="" type="checkbox"/> Registration <input type="checkbox"/> Re-registration (under FIFRA, as amended) | | Name of Pesticide Product: Vacciplant | |
| Name and Address of Registrant (include ZIP Code): Laboratoires Goemar SA, c/o SciReg, Inc. 12733 Director's Loop, Woodbridge, VA 22192 | | | |
| <p style="background-color: #cccccc; padding: 5px;">Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Biopesticides and Pollution Prevention Division prior to use of the label in commerce. In any correspondence on this product, always refer to the above EPA registration number.</p> | | | |
| <p>On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.</p> <p>Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.</p> <p>This registration does not eliminate the need for continual reassessment of the pesticide. If the EPA determines at any time, that additional data are required to maintain in effect an existing registration, the Agency will require submission of such data under section 3(c)(2)(B) of FIFRA.</p> <p>The product is registered in accordance with FIFRA section 3(c)(5) and is subject to the following terms and conditions:</p> <ol style="list-style-type: none"> 1. Submit and/or cite all data required for registration of your product under FIFRA section 3(c)(5) and section 4 when the Agency requires all registrants of similar products to submit such data. 2. Make the following label change before you release the product for shipment: Revise the EPA Registration Number to read, "EPA Reg. No. 83941-2." 3. Submit two (2) copies of the revised final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of the final printed label. <p>A stamped copy of the label is enclosed for your record.</p> | | | |
| Signature of Approving Official:  Keith A. Matthews, Acting Director Biopesticides and Pollution Prevention Division | | Date: 15 Feb 2010 | |

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 style="text-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-
EPA Est. No. 83941-FRA-001

NET CONTENTS:

Laboratoires Goëmar SA
Z.A.C. La Madeleine
Avenue General Patton
35400 Saint-Malo
France

ACCEPTED

FEB 15 2010

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

Apply the required amount of VacciPlant in 5-100 gallons of water per acre. To optimize the efficiency, use 10-40 gallons of water per acre. Do not apply in volumes greater than 100 gallons of water per acre.

| Crops | Disease | Number of Applications/Season | Application Interval | Rate/Acre/ Application | Application Instructions |
|--|--|-------------------------------|----------------------|------------------------|---|
| Fruiting Vegetables Tomato | Bacterial spot Bacterial speck | 2 - 7 | 10 days | 9.7-14.4 fl oz | Start VacciPlant applications preventively, when weather conditions become favorable for disease development. Repeat applications until disease conditions end. Add a copper product to VacciPlant if the disease developing symptoms appear. |
| | Gray mold Powdery mildew Phytophthora blight | 2 - 10 | | | Start VacciPlant applications preventively, when weather conditions become favorable for disease development. When the first symptoms occur, apply an appropriate fungicide. Then : - if the new leaves or new fruits are free of any symptom, continue VacciPlant applications. - if the new leaves or new fruits show symptoms, continue using a fungicide as long as new leaves or new fruits are affected. |
| | Early blight Anthracnose | 2 - 10 | | | Follow the same instructions at each new phase of disease onset. |
| Eggplant Pepper | Powdery mildew Phytophthora blight | 2 - 10 | 10 days | 9.7-14.4 fl oz | Start VacciPlant applications preventively, when weather conditions become favorable for disease development. When the first symptoms occur, apply an appropriate fungicide. Then : - if the new leaves or new fruits are free of any symptom, continue VacciPlant applications. - if the new leaves or new fruits show symptoms, continue using a fungicide as long as new leaves or new fruits are affected. Follow the same instructions at each new phase of disease onset. |
| Cucurbits - Zucchini - Cucumber - Watermelon - Melon | Powdery mildew Phytophthora blight | 1 - 8 | 10 days | 9.7-14.4 fl oz | Start VacciPlant applications preventively, when weather conditions become favorable for disease development. When the first symptoms occur, apply an appropriate fungicide. Then : - if the new leaves or new fruits are free of any symptom, continue VacciPlant applications. - if the new leaves or new fruits show symptoms, continue using a fungicide as long as new leaves or new fruits are affected. Follow the same instructions at each new phase of disease onset. |
| Leafy vegetables - Lettuce - Spinach | Downy mildew Gray mold | 1 - 6 | 10 days | 9.7-14.4 fl oz | Start VacciPlant applications preventively, when weather conditions become favorable for disease development. When the first symptoms occur, apply an appropriate fungicide. Then : - if the new leaves or new fruits are free of any symptom, continue VacciPlant applications. - if the new leaves or new fruits show symptoms, continue using a fungicide as long as new leaves or new fruits are affected. Follow the same instructions at each new phase of disease onset. |

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| Brassicas - Cabbage | Downy mildew Gray mold | 1 - 6 | 10 days | 9.7-14.4 fl oz | Start VacciPlant applications preventively, when weather conditions become favorable for disease development. When the first symptoms occur, apply an appropriate fungicide. Then : - if the new leaves or new fruits are free of any symptom, continue VacciPlant applications. - if the new leaves or new fruits show symptoms, continue using a fungicide as long as new leaves or new fruits are affected. Follow the same instructions at each new phase of disease onset. |
| Peach | Monilia | 3 | 10 days | 9.7-14.4 fl oz | Apply VacciPlant every 10 days with an appropriate fungicide. Make the first application 30 days before harvest. |
| Apple/pear | Fire blight | 2 - 6 | 10 days | 9.7-14.4 fl oz | Apply VacciPlant every 10 days from green bud stage. Apply the last application at petal fall stage. Continue the VacciPlant applications if disease symptoms occur after bloom. |
| Strawberry | Gray mold | 1 - 6 | 10 days | 9.7-14.4 fl oz | Start applications at the beginning of flowering, then continue with successive applications until harvest. In case of weather conditions favorable to disease development (high humidity, temperature greater than 68°F), apply an appropriate fungicide. |
| | Leather rot Leaf scorch Powdery mildew | 1 - 10 | 10 days | 9.7-14.4 fl oz | Start VacciPlant applications preventively, when weather conditions become favorable for disease development. When the first symptoms occur, apply an appropriate fungicide. Then : - if the new leaves or new fruits are free of any symptom, continue VacciPlant applications. - if the new leaves or new fruits show symptoms, continue using a fungicide as long as new leaves or new fruits are affected. Follow the same instructions at each new phase of disease onset. |

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 Disposal: 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.

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CONDITIONS OF SALE AND WARRANTY

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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.