

83941-2

6/14/2012

1 of 5

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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

JUN 14 2012

Subject Laboratoires Goemar SA, Vacciplant, EPA Registration No 83941-2,
Label Amendment to Add More Specific Directions and Caneberries,
D# 463802, Application Dated 4/17/12

Dear Mr Smith

The amendment referred to above, submitted in connection with registration under FIFRA section 3(c)(7)(A), is acceptable provided that you

- 1 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
- 2 Submit two (2) copies of your final printed labeling before you release the product for shipment
Final printed labeling means the label or labeling of the product when distributed or sold. Clearly legible reproductions or photo reductions will be accepted for unusual labels, such as those silk-screened directly onto glass or metal containers or large bags or drum labels

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(b). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions

If you have any questions contact Chris Pfeifer at 703-308-0031 or by email at pfeifer_chris@epa.gov. A stamped copy of the label is enclosed for your records

Sincerely,

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

Enclosure

CONCURRENCES

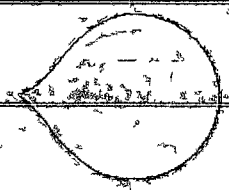
SYMBOL ▶	7511P							
SURNAME ▶	PFEIFER							
DATE ▶	6/14/12							

STIMULANT OF PLANT DEFENSE REACTIONS

Acylolam



Active Ingredients	
Laminarin.....	3.51%
Other Ingredients.....	96.49%
Total	100.00%



ACCI
 JUN 31
 Under the Federal
 Insecticide, Fungicide,
 and Rodenticide Act
 (FIFRA) Reg. No. 83941-2

KEEP OUT OF REACH OF CHILDREN
CAUTION

See side panel for first aid

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

NET CONTENTS: 1.3 gal (5L)

Produced by:

Laboratoire Goëmar SA
 Parc Technopôle Alain St Malo
 CS41908 St-Jouan-des-Gués

35419 Jumièges CEDEX - FRANCE
 Tel: +33 2 99191919
 http://www.goemar.com

GOËMAR

IF SWALLOWED

- 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

- 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

- 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

HOT LINE NUMBER

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.

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 area 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 1-800-424-9000

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 and 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 (WPS) Part 170. The 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:

- 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 partially filled with water while tilling with the appropriate amount of water. Maintain good agitation. Do not store the mixture overnight.

GENERAL APPLICATION INSTRUCTIONS

Apply the required amount of Vacciplant in combination with a registered fungicide in an appropriate volume of water. If Vacciplant is sprayed alone, apply at 0.15% volume/volume in applications exceeding 70 gallons per acre. At volumes under 70 gallons per acre, apply Vacciplant at 14 fluid ounces per acre. Do not apply this product post harvest. Apply the required amount of Vacciplant according to the table below.

Crops	Disease	No. of Applications/Season	Application Interval	Rate/Acre/ Application	Application Instructions
Fruiting Vegetables					
Tomato	Bacterial spot Bacterial speck Early blight Phytophthora blight Botrytis	2 - 10	7 - 10 days	14 fl oz	Start Vacciplant preventative applications immediately after transplant or planting in combination with an appropriate registered fungicide in an appropriate volume of water. Repeat applications until conditions favorable for disease prevalence have diminished.
	Powdery mildew Anthracnose	2 - 10	7 - 10 days	14 fl oz	Start Vacciplant preventative applications immediately after transplant or planting in combination with an appropriate registered fungicide in an appropriate volume of water. Repeat applications until conditions favorable for disease prevalence have diminished.
Eggplant Pepper	Phytophthora blight Bacterial spot Downy mildew Powdery mildew	2 - 10	7 - 10 days	14 fl oz	Start Vacciplant preventative applications immediately after transplant or planting in combination with an appropriate registered fungicide in an appropriate volume of water. Repeat applications until conditions favorable for disease prevalence have diminished.
		2 - 10	7 - 10 days	14 fl oz	Start Vacciplant preventative applications immediately after transplant or planting in combination with an appropriate registered fungicide in an appropriate volume of water. Repeat applications until conditions favorable for disease prevalence have diminished.
Cucurbits Zucchini Cucumber	Phytophthora blight Angular leaf spot Powdery mildew Downy mildew	2 - 10	7 - 10 days	14 fl oz	Start Vacciplant preventative applications immediately after transplant or planting in combination with an appropriate registered fungicide in an appropriate volume of water. Repeat applications until conditions favorable for disease prevalence have diminished.
		2 - 10	7 - 10 days	14 fl oz	Start Vacciplant preventative applications immediately after transplant or planting in combination with an appropriate registered fungicide in an appropriate volume of water. Repeat applications until conditions favorable for disease prevalence have diminished.
Watermelon Cantaloupe Squash Pumpkin Muskmelon	Bacterial leaf streak Yellow soil virus	2 - 10	7 - 10 days	14 fl oz	Start Vacciplant preventative applications immediately after transplant or planting in combination with an appropriate registered fungicide in an appropriate volume of water. Repeat applications until conditions favorable for disease prevalence have diminished.
		2 - 6	7 - 10 days	14 fl oz	Start Vacciplant preventative applications immediately after transplant or planting in combination with an appropriate registered fungicide in an appropriate volume of water. Repeat applications until conditions favorable for disease prevalence have diminished.
Bulb vegetables Onion Leek		2 - 6	7 - 10 days	14 fl oz	Start Vacciplant preventative applications immediately after transplant or planting in combination with an appropriate registered fungicide in an appropriate volume of water. Repeat applications until conditions favorable for disease prevalence have diminished.
Head and leafy vegetables Lettuce Spinach Celery	Downy mildew Botrytis	2 - 6	7 - 10 days	14 fl oz	Start Vacciplant preventative applications immediately after transplant or planting in combination with an appropriate registered fungicide in an appropriate volume of water. Repeat applications until conditions favorable for disease prevalence have diminished.
Cole Crops Brassicas Cabbage Brussels sprouts Chinese cabbage Cauliflower	Downy mildew Powdery mildew	2 - 10	7 - 10 days	14 fl oz	Start Vacciplant preventative applications immediately after transplant or planting in combination with an appropriate registered fungicide in an appropriate volume of water. Repeat applications until conditions favorable for disease prevalence have diminished.
Stone fruits Peach	Monilia Fruit brown rot	2 - 4	7 - 10 days	14 fl oz	Start Vacciplant preventative applications in combination with an appropriate registered fungicide in an appropriate volume of water. Begin application 30 days before harvest. Repeat applications until conditions favorable for disease prevalence have diminished. Do not apply post harvest.
		2 - 7	7 - 10 days	14 fl oz	Apply Vacciplant in an appropriate volume of water in combination with an appropriate registered bactericide 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.
Pome fruits Apple Pear	Fire blight	2 - 7	7 - 10 days	14 fl oz	Apply Vacciplant in an appropriate volume of water in combination with an appropriate registered bactericide 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	14 fl oz	After primary contamination or scab, apply Vacciplant in an appropriate volume 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 an appropriate volume of water. Repeat applications until conditions favorable for disease prevalence have diminished.
Strawberries	Ciloxsporum rot	2 - 10	7 - 10 days	14 fl oz	Apply Vacciplant in combination with an appropriate registered fungicide in an appropriate volume of water every 7 - 10 days from 3 weeks before harvest. Repeat applications until conditions favorable for disease prevalence have diminished. Do not apply post harvest.
	Botrytis Leaf spot Leaf scorch Powdery mildew Anthracnose	2 - 6 2 - 10	7 - 10 days	14 fl oz	Start Vacciplant preventative applications immediately after transplant or prior to bloom in combination with a registered fungicide in an appropriate amount of water. Repeat applications until conditions favorable for disease prevalence have diminished.
Table grapes Wine grapes	Powdery mildew	2 - 10	7 - 10 days	14 fl oz	Start Vacciplant preventative applications in combination with a registered fungicide in an appropriate amount of water. Repeat applications until conditions favorable for disease prevalence have diminished.
		2 - 10	7 - 10 days	14 fl oz	Start Vacciplant preventative applications prior to early bloom in combination with a registered fungicide in an appropriate volume of water. Repeat applications until conditions favorable for disease prevalence have diminished.
Berries Blueberry Cane Berries	Botrytis blight	2 - 10	7 - 10 days	14 fl oz	Start Vacciplant preventative applications in combination with a registered fungicide in an appropriate amount of water. Repeat applications until conditions favorable for disease prevalence have diminished.

COMPATIBILITY

Vacc plant compatible with many commonly used crop protection products, but has not been fully evaluated for all chemical compatibility products. Observe all directions on the label, limit the use of precaution or other products used in the crop. Apply to the area of the crop or use the area to phytotoxic effects. Contact our Vacc plant technical service representative for additional details.

Vacc plant acts only against specified plant diseases during plant disease seasons. Vacc plant induces systemic resistance which allows protection during the

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 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. 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

This is a COFARSA sale. All warranties are subject to the terms and conditions of the label. The label is the sole authority for the use of this product. The label is the sole authority for the use of this product. The label is the sole authority for the use of this product.

GETTING IT RIGHT