



U.S. ENVIRONMENTAL PROTECTION AGENCY  
 Office of Pesticide Programs  
 Biopesticides and Pollution Prevention Division (7511P)  
 1200 Pennsylvania Ave., N.W.  
 Washington, D.C. 20460

EPA Reg. Number:

93257-2

Date of Issuance:

4/24/2023

NOTICE OF PESTICIDE:

Registration  
 Reregistration  
 (under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

Phoemyc+

Name and Address of Registrant (include ZIP Code):

Symborg, Inc.  
 PO Box 5063  
 Oxnard, CA 93036

**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.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA or the Act).

Registration is in no way to be construed as an endorsement or recommendation of this product by the U.S. Environmental Protection Agency (EPA). In order to protect health and the environment, the Administrator, on his or her 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 the 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.

This product is unconditionally registered in accordance with FIFRA section 3(c)(5) provided that you:

1. Submit and/or cite all data required for registration or registration review of your product when EPA requires all registrants of similar products to submit such data.
2. If, following consultation with the United States Fish and Wildlife Service, the Service identifies additional issues or needed modifications, EPA will determine whether any changes are needed to this registration or labeling and will notify Symborg, Inc. in writing if any changes are necessary and whether they are required to submit an amendment application incorporating any required data or modification, including an amended label. Alternatively, Symborg, Inc. must submit a request for voluntary cancellation of the product. If this term of registration is not met, EPA may cancel the registration under an expedited process under FIFRA 6(e).

Signature of Approving Official:

CODY  
 KENDRICK

Digitally signed by CODY  
 KENDRICK  
 Date: 2023.04.24 13:39:56  
 -07'00'

Cody Kendrick, Senior Regulatory Advisor  
 Microbial Pesticides Branch  
 Biopesticides and Pollution Prevention Division (7511M)  
 Office of Pesticide Programs

Date:

4/24/2023

3. Make the following labeling change before you release this product for shipment:
  - Revise the EPA Registration Number to read, “EPA Reg. No. 93257-2.”
4. Submit one (1) copy of the final printed labeling for the record before you release this product for shipment.

Should you wish to add/retain a reference to your company’s website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by EPA. If the website is false or misleading, the product will be considered to be misbranded and sale or distribution of the product is unlawful under FIFRA section 12(a)(1)(E). 40 CFR § 156.10(a)(5) lists examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should EPA find or if it is brought to our attention that a website contains statements or claims substantially differing from statements or claims made in connection with obtaining a FIFRA section 3 registration, the website will be referred to EPA’s Office of Enforcement and Compliance Assurance.

Your release for shipment of this product constitutes acceptance of these terms. If these terms are not complied with, this registration will be subject to cancellation in accordance with FIFRA section 6. A stamped copy of the labeling is enclosed for your records. Please also note that the record for this product currently contains the following acceptable Confidential Statement of Formula (CSF):

- Basic CSF dated 04/11/2023

If you have any questions, please contact Hannah Dean via email at [dean.hannah@epa.gov](mailto:dean.hannah@epa.gov).

Sincerely,

**CODY**

**KENDRICK**

Digitally signed by  
CODY KENDRICK

Date: 2023.04.24  
13:40:50 -07'00'

Cody Kendrick, Senior Regulatory Advisor  
Microbial Pesticides Branch  
Biopesticides and Pollution  
Prevention Division (7511M)  
Office of Pesticide Programs

Enclosure

[Text in brackets [ ] indicates optional language and may not appear on final printed labeling.]

# Phoemyc+

**This product is for use in only Arizona, California, Florida, and Texas.**

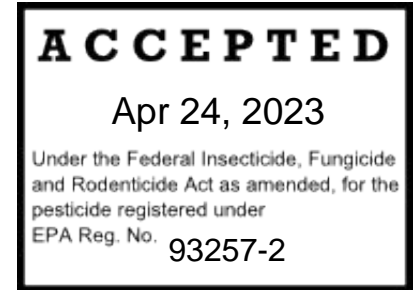
**ACTIVE INGREDIENT:**

*Beauveria bassiana* strain 203\* .....1% (by wt.)

**OTHER INGREDIENTS:** .....99% (by wt.)

**TOTAL:** .....100%

\*Contains at least 1 x 10<sup>8</sup> CFU per gram of product



**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

**SEE SIDE PANEL FOR FIRST AID**

EPA Reg. No. 93257-E

EPA Est. No. 98970-ESP-1

Manufactured by:  
Glen Biotech s.l.  
Carretera Agost, 126.  
San Vicente del Raspeig  
03690, Alicante, Spain

Distributed by:  
Symborg, Inc.  
PO Box 5063  
Oxnard, CA 93031

Net Weight: 1.1lb (0.5kg), 2.2 lbs (1kg), 11 lbs (5kg), 22 lbs (10kg)

Batch Code: \_\_\_\_\_

<b>FIRST AID</b>	
If in eyes	<ul style="list-style-type: none"> <li>● Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>● Remove contact lenses, if present, after the first 5 minutes, and then continue rinsing eye.</li> <li>● Call a poison control center or doctor for treatment advice.</li> </ul>
If inhaled	<ul style="list-style-type: none"> <li>● Move person to fresh air.</li> <li>● If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth if possible.</li> <li>● Call a poison control center or doctor for treatment advice.</li> </ul>
If on skin	<ul style="list-style-type: none"> <li>● Take off contaminated clothing.</li> <li>● Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>● Call a poison control center or doctor for treatment advice.</li> </ul>
If swallowed	<ul style="list-style-type: none"> <li>● Call poison control center or doctor immediately for treatment advice.</li> <li>● Have person sip a glass of water if able to swallow.</li> <li>● Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>● Do not give anything by mouth to an unconscious person.</li> </ul>
<p><b>HOTLINE NUMBER:</b> Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For general information on this pesticide product (including general health concerns or pesticide incidents), call the National Pesticide Information Center at 1-800-858-7378, Monday through Friday, 8:00 AM to 12:00 PM Pacific Time (NPIC Website: <a href="http://www.npic.orst.edu">www.npic.orst.edu</a>). For medical emergencies, call the poison control center at 1-800-222-1222.</p>	

## **PRECAUTIONARY STATEMENTS**

### **HAZARDS TO HUMANS AND DOMESTIC ANIMALS:**

CAUTION - Causes moderate eye irritation. Harmful if inhaled, absorbed through skin, or swallowed. Avoid contact with eyes, skin or clothing. Avoid breathing dust. 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.

### **PERSONAL PROTECTIVE EQUIPMENT (PPE):**

Applicators and other handlers must wear:

- protective eyewear
- waterproof gloves
- long sleeved shirt and long pants
- shoes plus socks

Mixers/loaders and applicators must wear a minimum of a NIOSH-approved particulate filtering facepiece respirator with any R, P, or N filter; OR a NIOSH-approved elastomeric particulate respirator with any R, P, or N filter; OR a NIOSH-approved powered air-purifying respirator with an HE filter. Repeated exposures to high concentrations of microbial proteins can cause allergic sensitization.

Follow the manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

**USER SAFETY RECOMMENDATIONS:**

- Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Users should 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:**

For terrestrial uses: 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 washwater or rinsate.

This product is pathogenic to bees and other insects and may be toxic to other insects, when exposed to direct treatment. Do not apply this product while bees or other insects are actively visiting the treatment area or around beehives. Minimize spray drift away from the target area to reduce effects to nontarget insects.

## 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 workers may be in the area during application. For any requirement specific to your State or Tribe, consult the State or Tribal agency responsible for pesticide regulation.

### 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:

- protective eyewear
- waterproof gloves
- coveralls
- shoes and socks

## PRODUCT INFORMATION

Phoemyc+ is made from *Beauveria bassiana* strain 203 spores, a very aggressive organism against red palm weevil (*Rhynchophorus ferrugineus*) and South American palm weevil (*Rhynchophorus palmarum*) grown on a plant-based medium. It is a ready-to-use contact insecticide for the control of red palm weevil and South American palm weevil in ornamental palm trees (*Phoenix* spp.) in nurseries and amenity/ornamental plantings (outdoor).

When the fungus comes into contact with the insect, the spores germinate and create orifices through which the fungus penetrates the body of the insect and eats it from within. Once the insect has died from the fungus, the spores appear on the body's exterior and the infection may be transmitted to other red palm weevils or South American palm weevils.

**Application Information**

**Dosage:** Apply 1.1 - 4.4 lb (0.5 - 2 kg) of product for every palm tree per treatment.

**IMPORTANT:** Apply directly to the inserts of the leaves and offshoots and cover the leaf attachments.

**Frequency:** Apply three times over the course of a year, approximately 3 months apart.

**Application Timing for Red Palm Weevil and South American Palm Weevil:** It can be applied at any state of growth during the flight season of the insect.

Apply directly to the crown of the palm tree, either by hand or using a pole, depending on the height of the palm tree. For palm trees with a stem taller than 36 feet (11 meters), apply the product with a tree climbing device or bucket lift.

Please refer to the application rate table below.

Not for Use on Palm Trees used as food crops. This product is not allowed for use on areas where food may be grown or raised.

Application		Application rate per treatment					PHI (days)
Number of Applications (min - max)	Interval Between Applications (min)	Water Gallon/acre (min-max)	Pound/palm (Gram/palm) (min – max)		CFU/palm (min - max)		
			1 <sup>st</sup> Application	Following Applications	1 <sup>st</sup> Application	Following Applications	
1 - 3	90 days	N.A.	1.1-4.4 (500-2000)	1.1-4.4 (500-2000)	1.2 x 10 <sup>12</sup> – 4.8 x 10 <sup>12</sup>	1.2 x 10 <sup>12</sup> – 4.8 x 10 <sup>12</sup>	N.A.

**Compatibility with Conventional Chemical Pesticides**

The effects of all insecticides on Phoemyc+ have not been tested.

**IMPORTANT** - If chemical fungicides are used, wait seven days after their application before applying Phoemyc+.

**Compatibility with Biopesticides**

Farmers should consult technical support before using Phoemyc+ with a specific biopesticide for the first time.

Do not mix with any fertilizer or chemical during application.

Do not apply Phoemyc+ immediately before or after the application of incompatible pesticides.

**PLANT SAFETY:** Phoemyc+ has been tested on numerous plant varieties with no phytotoxic effects. However, since Phoemyc+ has not been tested on all plant varieties or in combination with all available tank mixes, the manufacturer recommends testing Phoemyc+ on a small

number of plants to check for adverse plant effects before applying to a larger number of plants. For more information regarding compatibility with plants, please consult technicians of Symborg.

#### **STORAGE AND DISPOSAL**

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

##### **PESTICIDE STORAGE:**

Store the product in the original packaging in a cool place, away from light. The product will remain stable for up to 2 years when stored at 4 °C. The product must be handled carefully to avoid breaking the bags. It must be transported and stored in clean, dry places. Protect from damage caused by rodents. Always store pesticides in the original container. If a leaky container must be contained within another, mark the outer container to identify the contents. **IMPORTANT:** Do not freeze.

##### **PESTICIDE DISPOSAL:**

To avoid waste, use all material in this container by application according to label directions. If wastes cannot be avoided, offer remaining product to a waste disposal facility or pesticide disposal program (often such programs are run by state or local governments or by industry).

##### **CONTAINER HANDLING:**

Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment, then offer for recycling if available or dispose of empty bag in a sanitary landfill or by incineration.

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**NOTICE TO BUYER AND SELLER:** Seller warrants that this product conforms to the description on this label and is reasonably fit for the purposes stated on this label when used and stored in accordance with the directions for use. To the extent consistent with applicable law, this warranty does not extend to use of this product contrary to label directions or under conditions not reasonably foreseeable by the Seller, and Buyer and User assume the risk of any such use. To the extent consistent with applicable law, Seller disclaims all other warranties, express or implied, including any warranty of fitness or merchantability. To the extent consistent with applicable law, Seller shall not be liable for consequential, special or indirect damages resulting from use or handling of this product, and Seller's sole liability and Buyer's and User's exclusive remedy shall be limited to refund of the purchase price.

This product is sold only for uses stated on its label. No express or implied license is granted to use or sell this product under any patent in any country except as specified.

[In Case of Emergency: Call CHEMTREC: (800) 424-9300]

[Country: Spain]

[Manufactured in Spain by: Glen Biotech S.L. [Company Logo]]