



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:

73314-12

Date of Issuance:

1/26/2015

NOTICE OF PESTICIDE:

Registration  
 Reregistration  
(under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

Quelzor WP

Name and Address of Registrant (include ZIP Code):

Novozymes BioAg, Inc.  
13100 W. Lisbon Road, Suite 600  
Brookfield, WI 53005

**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 the EPA requires all registrants of similar products to submit such data.

Signature of Approving Official:

Shannon Borges, Team Leader  
Microbial Pesticides Branch  
Biopesticides and Pollution Prevention Division (7511P)  
Office of Pesticide Programs

Date:

1/26/2015

2. Submit storage stability and corrosion characteristics (Guidelines 830.6317 and 830.6320) data as these data requirements are not satisfied. A one-year study is required to satisfy these data requirements. You have 18 months from the date of this registration to provide these data to the EPA.
3. Submit confirmatory analysis of samples (Guideline 885.1400) data. You have 18 months from the date of this registration to provide these data to the EPA.
4. Make the following labeling change before you release this product for shipment:
  - Revise the EPA Registration Number to read, “EPA Reg. No. 73314-12.”
5. Ensure the correct Establishment Number appears on the labeling or the immediate container in accordance with 40 CFR § 156.10(f) before you release this product for shipment. To verify that the Establishment Number for a given facility is correct, check with the appropriate EPA compliance contact based on the location of the establishment.
6. Submit one (1) copy of the final printed labeling for the record before you release this product for shipment.

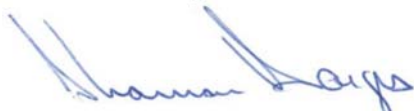
Should you wish to add/retain a reference to your company’s website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by the EPA. If the website is false or misleading, the product will be considered to be misbranded and sale or distribution of the product is unlawful under FIFRA section 12(a)(1)(E). 40 CFR § 156.10(a)(5) lists examples of statements the 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 the EPA find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA-approved registration, the website will be referred to the 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 contains the following Confidential Statement of Formula (CSF) which supersedes all basic CSFs previously submitted for this registration application:

- Basic CSF dated 01/15/2015

If you have any questions, please contact Ann Sibold of my team by phone at (703) 305-6502 or via email at [sibold.ann@epa.gov](mailto:sibold.ann@epa.gov).

Sincerely,



Shannon Borges, Team Leader  
Microbial Pesticides Branch  
Biopesticides and Pollution  
Prevention Division (7511P)  
Office of Pesticide Programs

Enclosure

Note to reviewer:

{ } – Denotes comments to the reviewer, and [ ] – Denotes optional statements and/or images.

{This label reflects the unit package labeling and will be presented as a booklet on the front of the product container.}

### QUELZOR WP

#### Wettable Powder Mycoinsecticide

#### For Greenhouse Use Only

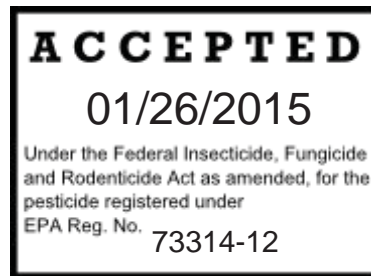
**ACTIVE INGREDIENT:**

*Paecilomyces fumosoroseus* strain FE 9901 .....18.0%\*

**Other Ingredients**.....82.0%

**Total**.....100.0%

\*Contains a minimum of 1.5 x10<sup>9</sup> colony forming units of *Paecilomyces fumosoroseus* strain FE 9901 per gram of Quelzor WP product (Dry Weight Basis)



### KEEP OUT OF REACH OF CHILDREN CAUTION

See inside this booklet for [additional Precautionary Statements, and] complete First Aid, Directions for Use, and the Warranty.

FIRST AID	
<b>If on skin or clothing:</b>	<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>
<b>If inhaled:</b>	<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 further treatment advice.</li> </ul>
<b>If in eyes:</b>	<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, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice</li> </ul>
<b>If swallowed:</b>	<ul style="list-style-type: none"> <li>• Call a 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 a poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<p align="center"><b>HOT LINE NUMBER</b></p> <p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For emergency information on this pesticide product (including health concerns, medical emergencies, or pesticide incidents), call the National Pesticide Information Center at 1-800-858-7378, 6:30 AM to 4:30 PM Pacific Time (PT), seven days a week. During other times, call your local poison control center at 1-800-222-1222.</p>	

EPA Reg. No.: 73314-RE  
EPA Est. No.: 73314-TX-001  
Net Weight: [2lb][907g]

Novozymes BioAg, Inc.  
13100 W. Lisbon Road, Suite 600  
Brookfield, WI 53005  
800-245-4104

[NOVOZYMES RETHINK TOMORROW][LOGO]  
[Made in the][USA]

Batch code: {Batch code to be inserted}  
Best If Used By: 3 months from manufacturing date  
{Label or Container will bear date of manufacture}

## PRECAUTIONARY STATEMENTS

**Hazards to Humans and Domestic Animals: Caution.** Harmful if absorbed through the skin, inhaled, or swallowed. Causes moderate eye irritation. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Avoid contact with skin, eyes or clothing. Avoid breathing dust or 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. When handling this product, wear protective eyewear and waterproof gloves.

**Personal Protective Equipment (PPE):** Applicators and other handlers must wear protective eyewear, long-sleeved shirt, long pants, waterproof gloves, shoes, and socks. Mixers/loaders and applicators must wear a dust/mist filtering respirator meeting NIOSH standards of at least N-95, R-95, or P-95. Repeated exposure to high concentrations of microbial proteins can cause allergic sensitization. Follow the manufacturer's instructions for cleaning/maintaining PPE. If no such instructions are available for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

### USER SAFETY REQUIREMENTS

Users should:

- Remove clothing/PPE 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.

**Environmental Hazards:** Do not contaminate water when disposing of equipment washwaters or rinsate.

## DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. **For greenhouse use only. Not for use on food crops.** 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.

### 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 (REI). 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 twelve (12) 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, waterproof gloves, shoes plus socks, and protective eyewear.

### **NON-AGRICULTURAL USE REQUIREMENTS**

The requirements in this box apply to uses of the product that are not within the scope of the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries or greenhouses.

Keep unprotected persons out of treated areas until sprays have dried or dusts have settled.

For use in controlling Whitefly, Aphids, Thrips, Psyllids, Mealybugs, Leaf Hoppers, Plant Bugs, Weevils, Grasshoppers, Mormon Crickets, Locust, Beetles and Fungus Gnats on non-food crops and ornamentals in greenhouses.

### **Product Information**

Quelzor WP contains live spores of the naturally occurring fungus, *Paecilomyces fumosoroseus* strain FE 9901. The spores are alive and may be harmed by storage at high temperatures (>8°C or >46.4 °F) or contact with water for more than 24 hours.

Quelzor WP can be applied using conventional spraying equipment. Use of manual sprayers is highly recommended, with a minimum working pressure of 40 psi.

Quelzor WP supports the action of natural predators of whitefly and other pests; therefore, it is ideal for IPM programs.

Quelzor WP works best in a pest management program designed to keep insect populations below levels that damage non-food crops and ornamentals. Typically, it takes 3-7 days for an infected insect to die and 7-10 days after the first spray to see a reduction in an insect population. Application rates, spray frequency, spray coverage and insect numbers affect the speed at which insect populations are reduced. Frequent scouting for insects in non-food crops and ornamentals is recommended. Quelzor WP is most effective when used at the first appearance of insects in non-food crops and ornamentals, before high insect populations develop.

Quelzor WP may be combined with chemical insecticides for rapid knockdown of damaging insect populations or large numbers of insects moving into non-food crops and ornamentals. Quelzor WP can also be used in combination with fertilizers and micronutrients. The application of fungicides is not compatible with Quelzor WP. A week is the minimum period allowed between treatment with fungicides and application of Quelzor WP. Applications of any other pesticides must be carefully studied, taking into account that the active substance of Quelzor WP consists of a microorganism and any substance that could affect its viability must be avoided.

### **Tank Mixing Instructions**

If tank mixes are desired, observe the most restrictive directions, precautions, and limitations on labeling of all products used. Do not exceed label application rates.

This product cannot be mixed with any product containing a label prohibition against such mixing.

## Preparation, Mixing, and Application Instructions

Application Sites	Application Timing	Application Rates	
Non-food crops and ornamentals in greenhouses	At any stage of the crop. Applications must be done at the first sign of insect larvae.	• Use 4 oz -16 oz Quelzor WP per 11,000 sq ft of greenhouse.	
		For small non-food crops and ornamentals:  Mix 4 oz – 8 oz Quelzor WP per 25 gallons.	For full grown non-food crops and ornamentals:  Mix 16 oz - 32 oz Quelzor WP per 100 gallons.

1. Remove Quelzor WP from refrigeration unit and store at room temperature for at least 3 days prior to application.
2. Dissolve the desired amount of Quelzor WP in the appropriate volume of water (as shown in the table above) and mix with a stirring device to get a homogeneous suspension. Apply immediately using conventional spraying equipment. Apply at a minimum pressure of 40 psi.
3. Apply 25 gallons of prepared solution per 11,000 sq ft of greenhouse for small non-food crops and ornamentals and up to 100 gallons of prepared solution per 11,000 sq ft of greenhouse for full grown non-food crops and ornamentals.
4. Apply at the first symptoms of the presence of larvae or eggs on the leaves. Repeat applications 2–3 times at 15-day intervals or shorter (every 5–8 days) in the case of heavy infestations.
5. Apply enough quantity of prepared solution (Quelzor WP + water) for a good coverage on the plants, trying to reach the lower-sides of the leaves.
6. Apply during low solar radiation (late afternoon or early night) when there is high relative humidity inside the greenhouse and the temperature is below 30°C (86°F).

### **Storage and Disposal**

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

**Pesticide Storage:** Quelzor WP spores are alive and may be harmed by storage at high temperatures (>8°C or >46.4 °F) or contact with water for more than 24 hours. Store Quelzor WP at a refrigerated temperature (4°C - 8°C or 39°F - 46°F). Under these conditions, the product is physico-chemically stable for at least 3 months. Refer to the Best if Used by Date on the packaging.

**Pesticide Disposal:** Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

**Container Handling:** Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Then, offer for recycling if available, dispose of empty bag in a sanitary landfill or by incineration or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

## **WARRANTY**

The Directions for Use of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and must be followed carefully. Novozymes BioAg, Inc. warrants that at the time of the first sale of this product it conforms to the chemical description on the label and when used according to the label directions under normal growing conditions is reasonably fit for the purposes referred to above. Buyers/Users of this product assume full risk for any use contrary to the specified directions. If this product does not perform as warranted above and to the extent consistent with applicable law, customer's sole remedy for breach of warranty shall be replacement of the product or refund of the purchase price paid, at the option of Novozymes BioAg, Inc.

EXCEPT AS PROVIDED ELSEWHERE IN WRITING CONTAINING AN EXPRESSED REFERENCE TO THIS WARRANTY AND LIMITATION OF DAMAGES, SELLER MAKES NO OTHER EXPRESSED OR IMPLIED WARRANTY OR GUARANTEE TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, INCLUDING ANY OTHER EXPRESSED OR IMPLIED WARRANTY OF FITNESS OR OF MERCHANTABILITY, AND NO AGENT OF SELLER IS AUTHORIZED TO DO SO.



{Note: The following information will affixed to the unit package }

## QUELZOR WP

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