



U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs  
Registration Division (7505P)  
1200 Pennsylvania Ave., N.W.  
Washington, D.C. 20460

EPA Reg. Number:

90332-1

Date of Issuance:

11/14/2014

NOTICE OF PESTICIDE:

Registration  
 Reregistration  
(under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

CY-COP 6-30 WDG Fungicide

Name and Address of Registrant (include ZIP Code):

Don O'Shaughnessy  
Agent for Zenith Crop Sciences  
D. O'Shaughnessy Consulting, Inc.  
427 Hide Away Circle  
Cub Run, KY 42729

**Note:** Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration 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.

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.

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/reregistration/registration review of your product when the Agency requires all registrants of similar products to submit such data.

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Signature of Approving Official:

Tony Kish, Product Manager 22  
Fungicide Branch, Registration Division (7505P)

Date:

11/14/2014

2. Make the following label changes before you release the product for shipment:
  - Revise the EPA Registration Number to read, “EPA Reg. No. 90332-1.”
3. Submit one copy of the revised final printed label for the record before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Please also note that the record for this product currently contains the following CSFs:

- Basic CSF dated 10/20/2014
- Alternate CSF #1 dated 10/20/2014

If you have any questions, please contact Lindsay Roe at (703) 347-0506 or [roe.lindsay@epa.gov](mailto:roe.lindsay@epa.gov).



Tony Kish, Product Manager 22  
Fungicide Branch  
Registration Division (7505P)

[Attachment]

**ACCEPTED**

11/14/2014

Under the Federal Insecticide, Fungicide  
and Rodenticide Act as amended, for the  
pesticide registered under  
EPA Reg. No. 90332-1

## CY-COP 6 - 30 WDG FUNGICIDE

**ACTIVE INGREDIENT:**

copper hydroxide\* ..... 46.1 %

Cymoxanil ..... 6.0 %

OTHER INGREDIENTS ..... 47.9 %

TOTAL: ..... 100.0 %

\* 30.0% metallic copper equivalent

## KEEP OUT OF REACH OF CHILDREN WARNING / AVISO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

### FIRST AID

**IF SWALLOWED:**

- Call 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 the poison control center or doctor.
- Do not give anything to an unconscious person.

**IF IN EYES:**

- Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.
- Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
- Call a poison control center or doctor for treatment advice.

**IF ON SKIN OR CLOTHING:**

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15 to 20 minutes.
- Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

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

EPA Reg. No. 90332- R

EPA Est. No. 90332-LIE-1

Net Contents \_\_\_\_\_

Batch No. \_\_\_\_\_

Manufactured for:

Zenith Crop Sciences, S.A.

Aubündt 36, PO Box 880

FL 9490 Vaduz, Liechtenstein

tel. 00359 888 576 735

Product of Bulgaria

## PRECAUTIONARY STATEMENTS

### Hazards to Humans and Domestic Animals

**WARNING:** May be fatal if swallowed. Causes substantial but temporary eye injury. Harmful if absorbed through skin. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Do not get in eyes or on clothing. Remove and wash contaminated clothing before reuse. Avoid contact with skin. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

### Personal Protective Equipment (PPE)

Some materials that are chemical-resistant to this product are nitrile rubber, natural rubber, or butyl rubber. If you want more options, follow the instructions for Category A on an EPA chemical resistance category selection chart.

Mixers, loaders, applicators and other handlers must wear:

- long-sleeved shirt
- long pants
- shoes and socks
- chemical-resistant gloves made of any waterproof material (selection category A)
- \* Protective eyewear (goggles, face shield, or safety glasses)

See engineering controls for additional requirements.

### User Safety Requirements

Follow 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. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

### Engineering Controls

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR 170.240(d)(4-6)), the handler PPE requirements may be reduced or modified as specified in the WPS.

**Enclosed Cockpits:** Pilots must use an enclosed cockpit that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d) (4-6)].

**Mechanical Flagging Engineering Controls:** Human flagging is prohibited. Flagging to support aerial application is limited to use of the Global Positioning System (GPS) or mechanical flaggers.

### User Safety Recommendations

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- 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

This pesticide is toxic to fish and aquatic invertebrates. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. This product has a potential for runoff for several months or more after application. Poorly draining soils and soils with shallow water tables are more prone to produce runoff that contains this product. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. 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 cleaning equipment or disposing of equipment washwaters or rinsate. For guidance, contact your State Water Board or Regional Office of the Environmental Protection Agency.

## DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Read all Directions for Use carefully before applying. 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 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 48 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, oil or water, is:

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

## CROP ROTATION RESTRICTIONS

Potatoes, tomatoes, cucurbit crops, lettuce (head and leafy), peppers, spinach, and hops may be re-planted any time after CY-COP 6-30 FUNGICIDE applications. All other crops cannot be planted until 30 days after CY-COP 6-30 FUNGICIDE application.

## **SPRAY DRIFT MANAGEMENT**

A variety of factors including weather conditions (e.g., wind direction, wind speed, temperature, relative humidity) and method of application (e.g., ground, aerial, airblast, chemigation) can influence pesticide drift. The applicator must evaluate all factors and make appropriate adjustments when applying this product.

### **Droplet Size\*\***

Apply only as a medium or coarser spray (ASAE standard 572) or a volume mean diameter of 300 microns or greater for spinning atomizer nozzles.

### **Wind Speed**

Do not apply at wind speeds greater than 15 mph. Only apply this product if the wind direction favors on-target deposition (approximately 3 to 10 mph), and there are no sensitive areas within 250 feet downwind.

### **Temperature Inversions**

If applying at wind speeds less than 3 mph, the applicator must determine if a) conditions of temperature inversion exist, or b) stable atmospheric conditions exist at or below nozzle height. Do not make applications into areas of temperature inversions or stable atmospheric conditions.

### **Other State and Local Requirements**

Applicators must follow all state and local pesticide drift requirements regarding application of copper compounds. Where states have more stringent regulations, they must be observed.

### **Equipment**

All aerial and ground application equipment must be properly maintained and calibrated using appropriate carriers or surrogates.

#### ***Additional requirements for aerial applications:***

The boom length must not exceed 75% of the wingspan or 90% of the rotor blade diameter. - Release spray at the lowest height consistent with efficacy and flight safety. Do not release spray at a height greater than 10 feet above the crop canopy unless a greater height is required for aircraft safety. - When applications are made with a crosswind, the swath must be displaced downwind. The applicator must compensate for this displacement at the up and downwind edge of the application area by adjusting the path of the aircraft upwind.

#### ***Additional requirements for ground boom application:***

Do not apply with a nozzle height greater than 4 feet above the crop canopy.

### **Mixing**

(Ground or Aerial Equipment) - Apply CY-COP 6-30 at the rate shown; use sufficient water to provide thorough coverage: use 20 to 100 gallons per acre for ground equipment and no less than 2 gallons per acre for aircraft. Pour slowly into the spray tank while agitation is maintained. For low volume or aircraft sprayers thoroughly premix in a nurse tank. Add other co-applied fungicides, insecticides, growth regulators, micronutrients only after CY-COP 6-30 has been completely dispersed. When tank mixing with other pesticides, observe the more restrictive label limitations and precautions.

When preparing spray solutions for use in a hand sprayer, premix as a slurry in a small container, and then add to sprayer containing 1/3 to 1/2 the desired final water volume, then fill to the required final volume.

### **Compatibility**

When preparing tank mixes, consult spray compatibility charts or State Cooperative Extension Service Specialists prior to actual use.

CROP AND RATE TABLE

Crop	Disease	Rate CY-COP 6-30 FUNGICIDE	Specific Instructions / Restrictions	PHI
<p><b>Head and leaf lettuce,</b></p> <p><b>Spinach</b></p>	<p>Downy mildew Ring spot</p> <p>Downy mildew Leaf spot</p>	<p>1.2 to 1.8 lb product per acre per application</p>	<p>apply at 7 day intervals when conditions are favorable for disease development</p> <p>Maximum application per year is 11.25 lb product</p>	<p>3 days for head lettuce, 1 day for leaf lettuce and spinach</p>
<p><b>Melons and Cucurbits</b></p> <p>Cucumber Gherkin Muskmelon Cantaloupes Pumpkin Squash, Watermelon</p>	<p>Downy mildew Anthracnose Alternaria Leaf Blight Black rot</p>	<p>2 lb product per acre per application</p>	<p>apply at 5 -7 day intervals when conditions are favorable for disease development</p> <p>Do not apply more than 4 times per year</p>	<p>3 days</p>
<p><b>Hops</b> (not for use in California)</p>	<p>Downy mildew</p>	<p>1.75 lb product per acre per application</p>	<p>apply on a 10 - 14 day schedule</p> <p>Maximum 4 applications per year</p>	<p>7 days</p>
<p><b>Tomatoes</b> (not for use in California)</p>	<p>Anthracnose Early blight Gray leaf spot Late blight Leaf mold Septoria leaf spot Bacterial speck,</p>	<p>1.2 to 1.75 lb product per acre per application</p>	<p>Apply at 5-7, day intervals, 5 days if disease is present or conditions are favorable for disease development</p> <p>Maximum 26.5 lb product per year</p>	<p>5 days</p>
<p><b>Potato</b></p>	<p>Late blight Early blight</p>	<p>1.2 lb product per acre per application</p>	<p>Apply at 5 - 7 day intervals beginning at crop height of 3 - 6 inches</p> <p>Use the shorter interval if weather conditions favor disease.</p> <p>Apply a maximum of 7 times / year</p>	<p>14 days</p>

<p><b>Onions</b> (dry bulb) <b>Garlic</b> <b>Shallots</b></p>	<p>Botrytis leaf blight</p> <p>Downy mildew (<i>Peronospora destructor</i>)</p> <p>Neck rot</p> <p>Purple blotch (not in California)</p> <p>Rust</p>	<p>2 to 2.5 lb product per acre per application product -</p>	<p>For disease prevention: Begin applications before disease is expected to appear. Continue at 7 day intervals.</p> <p>Spray in 5 gal / acre min (air) or 20 gal / acre (ground).</p> <p>Maximum 10 lb product per acre / year</p>	<p>3 days</p> <p>Do not allow spray or drift to contact onions after removed from soil.</p>
<p><b>Grapes</b> (east of the Rocky Mountains only)</p>	<p>Black rot</p> <p>Bunch rot</p> <p>Phomopsis</p> <p>Downy mildew</p> <p>Anthracoese</p>	<p>2lb product per acre per application</p>	<p>apply on a 10 day schedule before disease appearance is expected and continue until fruit set</p> <p>Spray in minimum 5 gal / ac by air, or 20 gal / acre minimum with ground equipment. Increase volume as crop matures to ensure good coverage.</p> <p>maximum 18.75 lb / acre / year</p>	<p>30 days</p>
<p><b>Cane Berries</b> (not in California): Blackberry, Raspberry</p>	<p>Raspberry Leaf spot (Sphaendina rubi)</p> <p>Septoria Leaf spot (Septoria rubi)</p> <p>Spur Blight</p> <p>Downey mildew</p>	<p>2 - 2.5 lb product /acre per application</p>	<p>Apply on a 7 day schedule before disease appearance is expected</p> <p>For Leafspot, applications should be timed to protect the current season primocanes starting at primocane emergence.</p> <p>Continue fungicide program throughout the period of crop susceptibility. Maximum application per year is 18 lb product.</p>	<p>0 days</p>
<p><b>Peppers</b> (bell, chili)</p>	<p>Anthracoese (Collectotrichum)</p>	<p>2 - 2.5 lb product/ acre</p>	<p>Apply on a 5 to 7 day schedule before</p>	<p>3 days</p>



	spp.)  Phytophthora blight Cercospora blight Bacterial spot	per application	disease appearance is expected.  Spray in minimum 5 gal / ac by air, or 20 gal / acre minimum with ground equipment. Maximum application per year is 18 lb product.	
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### **STORAGE AND DISPOSAL**

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

**Pesticide Storage:** Store in a cool, dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food or feed. Store in original containers and out of the reach of children, preferably in a locked storage area. Do not store near heat or open flame. Handle an open container in a manner as to prevent spillage.

**Spills:** If the container is leaking or material is spilled, carefully sweep up and wash exposed area with detergent and water. In spill or leak incidents, keep unauthorized people away.

**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:** Non-refillable container. Do not re-use or re-fill this container. Completely empty bag into application equipment then offer for recycling if available, or dispose of empty bag in a sanitary landfill.

### **WARRANTY DISCLAIMER**

Zenith Crop Sciences, S.A. 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 in strict accordance with the directions, subject to the inherent risks set forth below. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, ZENITH CROP SCIENCES, S.A. MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

### **INHERENT RISKS OF USE**

It is impossible to eliminate all risks associated with use of this product. Unintended consequences may result because of factors such as use of the product contrary to label instructions, which are beyond the control of Zenith Crop Sciences, S.A. or the Seller. All of the foregoing risks shall be assumed by Buyer and User, and Buyer and User agree to hold Zenith Crop Sciences, S.A. and Seller harmless for any claims related to such factors.

### **LIMITATION OF REMEDIES**

To the extent consistent with applicable law, the exclusive remedy for losses or damages resulting from this product (including claims based on contract, negligence, strict liability, or other legal theories), shall be limited to one of the following, at Zenith Crop Sciences, S.A. election:

(1) Refund of purchase price paid by buyer or user for product bought, or

(2) Replacement of amount of product used.

In no case shall Zenith Crop Sciences, S.A. be liable for consequential, incidental, or special damages or losses.

The terms of the Warranty Disclaimer above and this Limitation of Remedies cannot be varied by any written or verbal statements or agreements. No employee or sales agent of Zenith Crop Sciences, S.A. or the Seller is authorized to vary or exceed the terms of the Warranty Disclaimer or this Limitation of Remedies in any manner.