

PM 21 100-720 10/5

Please read instructions on reverse before completing form. Form Approved. OMB No. 2070-0060. Approval expires 05-31-98



United States
Environmental Protection Agency
Washington, DC 20460

Registration
 Amendment
 Other

OPP Identifier Number
247573

Application for Pesticide - Section I

1. Company/Product Number 100-720	2. EPA Product Manager Connie Welch	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Ridomil® Copper Fungicide	PM# 21	
5. Name and Address of Applicant (Include ZIP Code) Ciba-Geigy Corporation Ciba Crop Protection P. O. Box 18300 Greensboro, NC 27419-8300 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

NOTIFICATION

APR 18 1996

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Notification of removal of potato tuber rot caused by Phytophthora infestans.

delete pest

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Metal Plastic Glass Paper Other (Specify) _____		
* Certification must be submitted		If "Yes" Unit Packaging wgt. container	No. per container	If "Yes" Package wgt	No. per container
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled			<input type="checkbox"/> Other _____		

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Charles A. S. Pearson	Title Senior Regulatory Manager	Telephone No. (Include Area Code) 910-632-7734
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped)
2. Signature <i>Charles A. S. Pearson/sd</i>	3. Title Senior Regulatory Manager	
4. Typed Name Charles A. S. Pearson	5. Date	

2015

WATER SOLUBLE POUCH

Ridomil®

Copper

70W

Five Pounds
Net Weight

FUNGICIDE

For the control of certain diseases in various fruits and vegetables

This outer protective container contains Ridomil/Copper 70W in an inner water-soluble bag. Entire inner bag and contents dissolve in water. After opening outer container, immediately dump entire unopened inner bag into the partially filled sprayer or mix tank. Do not handle the soluble bag or expose it to moisture, since this may cause rupturing.

Active Ingredients:

Metalaaxyl: *N*-(2,6-dimethylphenyl)-*N*-(methoxyacetyl) alanine methyl ester . . . 10.0%
Copper Hydroxide* : (Cu (OH)₂) . . . 60.0%

Inert Ingredients: . . . 30.0%

Total: . . . 100.0%

* Metallic Copper equivalent . . . 39.1%

Ridomil/Copper 70W is a wettable powder packaged in a water-soluble bag

See directions for use on right side of container.

EPA Reg. No. 100-720

EPA Est. 10163-AZ-1 ©, EPA Est. 5905-GA-01 ©
(Superscript is first letter of lot number on bag)

KEEP OUT OF REACH OF CHILDREN. DANGER/PELIGRO

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.)

See additional precautionary statements on left side of container.

Statement of Practical Treatment

If in eyes: Immediately flush with a steady, gentle stream of water and get medical attention.

If swallowed: Call a physician or Poison Control Center. Drink promptly a large quantity of milk, egg whites, gelatin solution, or, if these are not available, large quantities of water. Avoid alcohol.

If inhaled: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

If on skin: Wash promptly with soap and water. Get medical attention.

Note to Physician: If swallowed, probable mucosal damage may contraindicate the use of gastric lavage. Monitor blood for evidence of hemolysis and methemoglobinemia.

If in eyes, specialized ophthalmologic attention may be required.

3045

Ridomil®/Copper 70W

DIRECTIONS FOR USE AND CONDITIONS OF SALE AND WARRANTY

IMPORTANT: Read the entire Directions for Use and the Conditions of Sale and Warranty before using this product. If terms are not acceptable, return the unopened product container at once.

Conditions of Sale and 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 should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application all of which are beyond the control of Ciba-Geigy or the Seller. All such risks shall be assumed by the Buyer.

Ciba-Geigy warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions for Use subject to the inherent risks referred to above. **Ciba-Geigy makes no other express or implied warranty of Fitness or Merchantability or any other express or implied warranty. In no case shall Ciba-Geigy or the Seller be liable for consequential, special, or indirect damages resulting from the use or handling of this product.** Ciba-Geigy and the Seller offer this product, and the Buyer and user accept it, subject to the foregoing Conditions of Sale and Warranty, which may be varied only by agreement in writing signed by a duly authorized representative of Ciba-Geigy.

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 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, soil, or water is:

- Coveralls
- Waterproof gloves
- Shoes plus socks
- Protective eyewear

FAILURE TO FOLLOW THE DIRECTIONS FOR USE AND PRECAUTIONS ON THIS LABEL MAY RESULT IN POOR DISEASE CONTROL, CROP INJURY, OR ILLEGAL RESIDUES.

General Information

Ridomil/Copper 70W is a foliar fungicide containing 10% of the active ingredient metalaxyl and 60% of the active ingredient copper hydroxide. Metalaxyl is a systemic fungicide for use on selected crops to control diseases caused by members of the Phycmycete family of fungi. Copper is effective against a wide range of fungal pathogens.

Note: Metalaxyl is a systemic fungicide having a specific mode of action and could be subject to development of insensitive strains of fungi. Development of insensitivity cannot be predicted. Therefore, Ciba-Geigy cannot assume liability for crop damage resulting from insensitive strains of fungi. If treatment is not effective following the use of Ridomil/Copper 70W as recommended, an insensitive strain of fungi may be present. If the treatment is ineffective due to the presence of a metalaxyl insensitive strain of fungi, neither Ridomil/Copper 70W nor any other fungicide with similar action will effectively control that disease. Consideration should then be given to the prompt use of other types of suitable fungicides. Consult with your State Agricultural Experiment Station or Extension Service Specialist for guidance in your particular crop and disease control situation. **THIS LABEL IS FOR FIELD USE ONLY AND IS NOT INTENDED FOR USE ON TRANSPLANT TRAYS, GREENHOUSES, LATH HOUSES, OR IN BEDDING PLANT STRUCTURES.**

Do not make applications when weather conditions favor drift from target area. Avoid spray overlap as crop injury may result.

Mixing Instructions

Prepare no more spray mixture than is needed for the immediate operation. Thoroughly clean spray equipment before using this product. **Vigorous agitation is necessary to maintain tank mix uniformity. Maintain maximum agitation throughout the spraying operation.** Flush spray tank thoroughly with water daily after use and dispose of pesticide rinsate by application to an already treated area.

Amount of water needed per acre will vary according to the amount of plant growth. For dilute ground application, the water volume will vary from 20-150 gals./A. For aerial application, 3-10 gals. of water per acre are generally needed. To minimize the potential of drift from target area, application at wind speeds greater than 10 mph is not recommended.

Precautions: (1) Soluble bags of Ridomil/Copper 70W must be dissolved completely in water before any other tank mix partner, including micronutrients, or other dry or liquid fertilizers are added to the solution. (2) A minimum of 5 gals. of water per acre must be used in the mix tank. (3) Do not let spray mixture stand overnight in the spray tank. (4) Rinse spray tank at the end of the day.

Ridomil/Copper 70W Alone: Add 2/3 of the required amount of water to the spray or mixing tank. With the agitator running, drop the required number of unopened soluble bags of Ridomil/Copper 70W into the tank. Continue agitation while adding the remainder of water and during application to maintain a uniform suspension.

BEFORE TANK MIXING RIDOMIL/COPPER 70W WITH OTHER REGISTERED PRODUCTS FOR ANY USE ON THIS LABEL, READ THE LABEL OF THE TANK MIX PARTNER TO BE CERTAIN IT IS LABELED FOR USE ON THE PARTICULAR CROP AND THAT USE PATTERNS ARE COMPATIBLE WITH THOSE OF RIDOMIL/COPPER 70W.

When tank mixing, apply in accordance with the most restrictive of label limitations and precautions. No label dosage rates should be exceeded. This product cannot be mixed with any product containing a label prohibition against such mixing.

Ridomil/Copper 70W + Tank Mixtures: Add 2/3 of the required amount of water to the spray or mixing tank. With the agitator running, drop the required number of unopened soluble bags of Ridomil/Copper 70W into the tank. Then add the desired amount of the other products recommended for tank mixture. Continue agitation while adding the remainder of the water and during application to maintain a uniform suspension.

Application Through Irrigation Systems

Ridomil/Copper 70W, alone or in combination with other pesticides which are registered for application through irrigation systems, may be applied through irrigation systems.

Apply this product only through center pivot, solid set, hand move, or moving wheel irrigation systems. Do not apply this product through any other type of irrigation system. Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from non-uniform distribution of treated water. If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers, or other experts. Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system, unless the pesticide label-prescribed safety devices for public water systems are in place. A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments, should the need arise.

After using Ridomil/Copper 70W, immediately flush with water (within one hour) all irrigation systems and associated piping in a manner which will not wash the product from the foliage and reduce disease control.

Posting Requirements

Posting of areas to be chemigated is required when (1) any part of a treated area is within 300 ft. of sensitive areas, such as residential areas, labor camps, businesses, day care centers, hospitals, in-patient clinics, nursing homes, or any public areas, such as schools, parks, playgrounds, or other public facilities, not including public roads, or (2) when the chemigated area is open to the public, such as golf courses or retail greenhouses.

Posting must conform to the following requirements. Treated areas shall be posted with signs at all usual points of entry and along likely routes of approach from the listed sensitive areas. When there are no usual points of entry, signs must be posted in the corners of the treated areas and in any other location affording maximum visibility to sensitive areas. The printed side of the sign should face away from the treated area towards the sensitive area. The signs shall be printed in English. Signs must be posted prior to application and must remain posted until foliage has dried and soil surface water has disappeared. Signs may remain in place indefinitely as long as they are composed of materials to prevent deterioration and maintain legibility for the duration of the posting period.

All words shall consist of letters at least 2 1/2 inches tall, and all letters and the symbol shall be a color which sharply contrasts with their immediate background. At the top of the sign shall be the words KEEP OUT, followed by an octagonal stop sign symbol at least 8 inches in diameter containing the word STOP. Below the symbol shall be the words PESTICIDES IN IRRIGATION WATER.

This sign is in addition to any sign posted to comply with the Worker Protection Standard.

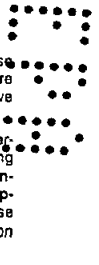
Operating Instructions

1. The system must contain a functional check-valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water-source contamination from backflow.
2. The pesticide injection pipeline must contain a functional, automatic, quick-closing check-valve to prevent the flow of fluid back toward the injection pump.
3. The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
4. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
5. The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.
6. Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump), effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
7. Do not apply when wind speed favors drift beyond the area intended.

Application Instructions

Ridomil/Copper 70W must be applied as the schedule specifies in the specific crop use recommendations, not according to the irrigation schedule. If irrigation schedules are used, ground or aerial applications must supplement chemigation applications to achieve adequate disease control.

Ridomil/Copper 70W has not been sufficiently tested to assure consistent product performance for all labeled uses when applied through chemigation systems. The following calibration and application techniques are provided for user reference, but do not constitute a warranty of fitness for application through sprinkler or drip irrigation equipment. Users should check with state and local regulatory agencies for potential use restrictions before applying any agricultural chemical through sprinkler or drip irrigation equipment.



Ridomil®/Copper 70W

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Center Pivot Irrigation Equipment (Use only with drive systems which provide uniform water distribution.)

1. Determine the size of the area to be treated.
2. Determine the time required to apply ¼ inch of water over the area to be treated when the system and injection equipment is operated at normal pressures recommended by the equipment manufacturer. Run the system at 80-95% of the manufacturer's rated capacity.
3. Using water, determine the injection pump output when operated at normal line pressure.
4. Determine the amount of Ridomil/Copper 70W required to treat the area covered by the irrigation system.
5. Add the required number of Ridomil/Copper 70W soluble bags and sufficient water to meet the injection time requirements to the solution tank. (See **Mixing Instructions** section of this label.)
6. Maintain constant solution tank agitation during the injection period.
7. Stop injection equipment after treatment is completed. Continue to operate the system until the Ridomil/Copper 70W solution has cleared the sprinkler head.
8. After using Ridomil/Copper 70W, immediately flush with water (within one hour) all irrigation systems and associated piping in a manner which will not wash the product from the foliage and reduce disease control.

Solid Set, Hand Move, and Moving Wheel Irrigation Equipment

1. Determine the acreage covered by the sprinklers.
2. Fill injector solution tank with water and adjust flow rate to use the contents over a 20 to 30-minute interval.
3. Determine the amount of Ridomil/Copper 70W required to treat the area covered by the irrigation system.
4. Add the required number of Ridomil/Copper 70W soluble bags into the same quantity of water used to calibrate the injection period. (See **Mixing Instructions** section of this label.)
5. Operate system at the same pressure and time interval established during the calibration.
6. Inject Ridomil/Copper 70W at the end of the irrigation cycle or as a separate application to maximize retention of the fungicide by the foliage.
7. Stop injection equipment after treatment is completed. Continue to operate the system until the Ridomil/Copper 70W solution has cleared the last sprinkler head.
8. After using Ridomil/Copper 70W, immediately flush with water (within one hour) all irrigation systems and associated piping in a manner which will not wash the product from the foliage and reduce disease control.

Cucurbit Vegetables

Ridomil/Copper 70W, when used as a foliar spray in a preventive disease control program, provides control of downy mildew of cucurbit vegetables.

Apply 1.5-2.0 lbs. of Ridomil/Copper 70W per acre. Begin applications when conditions are favorable for disease, but before infection, and continue at 14-day intervals until the threat of disease is over. Use the higher rate under severe disease pressure. Avoid late season applications when plants reach full maturity or begin senescence.

Notes: (1) To avoid possible illegal residues, do not apply Ridomil/Copper 70W within 5 days of harvest. (2) You may make up to 4 applications of a Ridomil prepack (Ridomil/Copper 70W or Ridomil/Bravo® 81W) per crop.

Grapes

Use Ridomil/Copper 70W as a foliar, post-bloom application for control of downy mildew of grapes caused by *Plasmopora viticola*. Use one application of Ridomil MZ®58 as a pre-bloom application according to its label instructions.

Apply 1-2 lbs./A of Ridomil/Copper 70W. Make up to 4 applications beginning before bloom; do not make an application within 66 days of harvest. For late season downy mildew control, apply other registered fungicides.

Notes: (1) To avoid possible illegal residues, do not apply within 66 days of harvest. (2) You may make up to 4 applications of Ridomil/Copper 70W per crop. (3) If other formulations of Ridomil are applied, do not apply more than a total of 0.8 lbs. a.i./A of metalaxyl per crop per season. (4) In CA, do not apply Ridomil/Copper 70W after bloom. (5) Do not use copper sensitive varieties (see local state and extension recommendations for varietal selection).

Bulb Vegetables, Including Dry Bulb Onions*, Green Onions, and Onions Grown for Seed**

* Includes garlic, onions (dry bulb), and shallots (dry bulb).

** Includes green onions, leeks, spring onions or scallions, Japanese bunching onions, green shallots, or green eschalots.

Ridomil/Copper 70W provides effective control of downy mildew caused by *Peronospora destructor* when used as a foliar spray in a preventive disease control program.

Apply 2 lbs. Ridomil/Copper 70W per acre in sufficient water to obtain thorough coverage. Begin applications when conditions are favorable for disease, but before infection, and continue at 14-day intervals until the threat of disease is over. Use a suitable spreader-sticker at rates recommended on the product label.

Notes: (1) To avoid possible illegal residues, do not apply to dry bulb onions within 10 days of harvest and do not apply to green onions within 7 days of harvest. (2) You may make up to 4 applications of Ridomil/Copper 70W to dry bulb onions or seed onions. (3) You may make up to 3 applications of Ridomil/Copper 70W to green onions. (4) If Ridomil 2E was applied at-planting, do not exceed a total of 1.72 lbs. a.i. of metalaxyl per crop per season.

Peppers

For control of *Pythium* spp. and *Phytophthora capsici*, follow the treatment scheme below: Apply Ridomil 2E to the soil at planting at 4 pts./A (1.0 lb. a.i./A) followed by one supplemental application of Ridomil 2E at 4 pts./A (1.0 lb. a.i./A) 30 days following the soil application followed by foliar applications of Ridomil/Copper 70W at 2.5 lbs./A. Make 3-4 applications of Ridomil/Copper 70W at 10 to 14-day intervals.

Notes: (1) To avoid possible illegal residues, do not apply Ridomil/Copper 70W within 7 days of harvest. (2) You may make up to 4 applications of Ridomil/Copper 70W per crop. (3) Do not apply more than a total of 3 lbs. a.i. of metalaxyl per acre per crop.

Potatoes

Apply Ridomil/Copper 70W as a foliar fungicide in a preventive disease control program for control of late blight caused by *Phytophthora infestans*, *Pythium* leak caused by *Pythium* spp., and pink rot caused by *Phytophthora erythroseptica*. Make applications of Ridomil/Copper 70W in sufficient water to obtain thorough coverage for ground applications and in a minimum of 5 gals. of water per acre for aerial applications.

Late Blight: Apply a tank mix of 2.0 lbs. of Ridomil/Copper 70W per acre plus 0.8 lb. a.i./A of maneb, mancozeb, metiram, or chlorothalonil. Begin preventive applications early in the season when conditions are favorable for disease (before infection), but no later than when the plant foliage meets within the row. Make up to 3 applications of the Ridomil/Copper 70W tank mixture at 14-day intervals. The full rate of a protectant fungicide should be applied between Ridomil/Copper 70W applications. Following the 3 Ridomil/Copper 70W applications, apply the full rate of a protectant fungicide on a weekly schedule through the remainder of the season.

Pythium Leak (caused by *Pythium* spp.) and Pink Rot (caused by *Phytophthora erythroseptica*): For effective control of these storage rots, Ridomil/Copper 70W should be used in conjunction with other management practices, such as crop rotation. Apply 2.0 lbs. of Ridomil/Copper 70W per acre. Make the first application at flowering and another application 14 days later. If the field has a history of tuber disease problems, make a third application 14 days after the second application. If late blight is present, refer to the treatment schedule in the late blight section of this label.

Note: If applications of Ridomil/Copper 70W are being made for late blight control that correspond to the timing of applications for tuber disease control, additional applications for tuber disease control are not needed.

Notes: (1) To avoid possible illegal residues, do not apply Ridomil/Copper 70W within 14 days of harvest. (2) You may make up to 3 applications of a Ridomil prepack (Ridomil/Copper 70W, Ridomil/Bravo 81W, or Ridomil MZ58) per crop. (3) If conditions for late blight development are still favorable after making 3 applications of Ridomil/Copper 70W, use other fungicides registered for late blight control in potatoes.

Carrots and Radishes

Ridomil/Copper 70W will control foliar diseases caused by Oomycete fungi, including cavity spot on carrots and white rust on radishes. For season-long control of these diseases, a preplant or at-planting application of Ridomil 2E at 4-8 pts./A (1-2 lbs. a.i./A) is recommended. (See the **Root and Tuber Vegetable** section of the Ridomil 2E label.)

Apply 2.0 lbs. of Ridomil/Copper 70W per acre foliarly beginning 40-50 days after the Ridomil 2E at-planting application. Make 2-4 applications of Ridomil/Copper 70W on a 14-day schedule, depending on disease development.

Notes: (1) To avoid possible illegal residues, do not apply Ridomil/Copper 70W within 7 days of harvest. (2) You may make up to 4 applications of Ridomil/Copper 70W per crop.

Spinach

Ridomil/Copper 70W will control white rust and downy mildew on spinach when applied foliarly following an at-planting application of Ridomil 2E at 4-8 pts./A (1-2 lbs. a.i./A).

Apply 2.5 lbs. of Ridomil/Copper 70W per acre 21 days after the Ridomil 2E at-planting application or immediately after each repeated cutting. Make 1 or 2 applications of Ridomil/Copper 70W at 14-day intervals, depending on cultural practices. Avoid late season applications when plants reach full maturity or begin senescence.

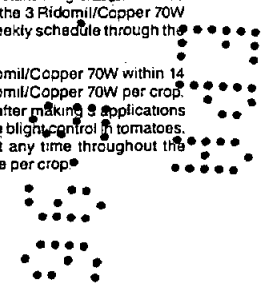
Notes: (1) To avoid possible illegal residues, do not apply Ridomil/Copper 70W within 21 days of harvest. (2) You may make up to 2 applications of Ridomil/Copper 70W per crop. (3) If Ridomil/Copper 70W use is planned, apply Ridomil 2E either preplant or at-planting. Do not make supplemental applications of Ridomil 2E.

Tomatoes

Foliar applications of Ridomil/Copper 70W will control *Phytophthora* fruit rot (such as buckeye rot), and late blight when applied on a regular schedule. Make applications of Ridomil/Copper 70W in sufficient water to obtain thorough coverage for ground applications and in a minimum of 5 gals. of water per acre for aerial applications.

Apply a tank mix of 2.0 lbs. of Ridomil/Copper 70W per acre plus 0.8 lb. a.i./A of maneb or mancozeb. Begin preventive applications early in the season when conditions are favorable for disease (before infection). Make up to 3 applications of the Ridomil/Copper 70W tank mixture at 14-day intervals. The full rate of a protectant fungicide should be applied between Ridomil/Copper 70W applications. Following the 3 Ridomil/Copper 70W applications, apply the full rate of a protectant fungicide on a weekly schedule through the remainder of the season.

Notes: (1) To avoid possible illegal residues, do not apply Ridomil/Copper 70W within 14 days of harvest. (2) You may make up to 3 applications of Ridomil/Copper 70W per crop. (3) If conditions for late blight development are still favorable after making 3 applications of Ridomil/Copper 70W, use other fungicides registered for late blight control in tomatoes. (4) If other formulations containing metalaxyl are applied at any time throughout the season, do not exceed a total of 3 lbs. a.i. of metalaxyl per acre per crop.



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Ridomil®/Copper 70W

Rotation (Plantback) Restrictions

Do not plant any crop which is not registered for use with metalaxyl in metalaxyl-treated soil for a period of 12 months, with the exception of wheat, barley, and oats. See following list.

Rotational Crop	Planting Time From Last Ridomil/Copper 70W Application
Alfalfa (including birdsfoot trefoil), Almonds, Apples, Asparagus, Avocados	0 days
Blueberries, Broccoli	
Cabbage, Cauliflower, Chinese Broccoli (gai lan, white flowering broccoli), Chinese Cabbage (tight-heading varieties only), Citrus, Cotton, Cranberries, Cucurbit Vegetables	
Deciduous Fruits and Nuts *	
Eggplant	
Ginseng, Grapes	
Head Lettuce, Hops	
Leafy Vegetables (other than Brassicas), Legume Vegetables	
Onions	
Papaya, Peanuts, Peppers, Pineapples, Potatoes	
Raspberries, Root and Tuber Vegetables	
Soybeans, Spinach, Stone Fruits, Strawberries, Sugar Beets	
Tobacco, Tomatoes	
Walnuts	
Cereal Grains Other Than Corn	40 days
Corn	9 months
Crops Not Intended for Food or Feed	0 days
All Other Crops Intended for Food or Feed	12 months

* These crops and other perennial crops may be planted immediately following last application of Ridomil/Copper 70W, provided they will not bear harvestable fruit within 12 months.

Storage and Disposal

Storage - Store in a cool, dry place. Do not store this product under wet conditions. Handle outer container carefully when stored at temperatures less than 50°F to avoid breakage of inner soluble bag.

Pesticide Disposal

Do not contaminate water, food, or feed by storage, disposal, or cleaning of equipment. Open dumping is prohibited. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Disposal

Do not reuse outer container. Dispose of empty outer container in a sanitary landfill, or by incineration, or by open burning, if allowed by state and local authorities. If burned, keep out of smoke.

For minor spills, etc., follow all precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup procedures and disposal of wastes. In the event of a major spill, fire, or other emergency, call 1-800-888-8372, day or night.

Precautionary Statements

Hazards to Humans and Domestic Animals

DANGER / PELIGRO

Corrosive. Causes irreversible eye damage. Do not get in eyes or on clothing. Harmful if swallowed, inhaled, or absorbed through skin. Avoid contact with eyes, with skin, or clothing. Avoid breathing dust or spray mist.

Personal Protective Equipment

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks
- Protective eyewear

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

Engineering Control Statements

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 (c) (4-6)), the handler PPE requirements may be reduced or modified as specified in the WPS.

User Safety Recommendations

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Environmental Hazards

This pesticide is toxic to fish and aquatic organisms. Drift and runoff from treated areas may be hazardous to fish and aquatic organisms in adjacent aquatic sites. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from treated areas. 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 by disposal of equipment wash waters or rinsate.

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