

 United States <b>Environmental Protection Agency</b> Washington, DC 20460	<input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Other	OPP Identifier Number NOTIFICATION
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**Application for Pesticide - Section I**

1. Company/Product Number 100-800	2. EPA Product Manager Mary Waller	3. Proposed Classification  <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Ridomil Gold® Bravo® Accu-Pak® Fungicide	PM# 21	
5. Name and Address of Applicant (Include ZIP Code) Syngenta Crop Protection, Inc. P. O. Box 18300 Greensboro, NC 27419  <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"/> Resubmission in response to Agency letter dated _____  <input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____ <input type="checkbox"/> "Me Too" Application.  <input type="checkbox"/> Other - Explain below.
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**NOTIFICATION**  
MAR 30 2001

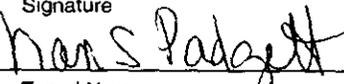
**Explanation:** Use additional page(s) if necessary. (For Section I and Section II.)

This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA. The following changes are being made via this notification: 1) Company name and address have been updated to reflect Syngenta Crop Protection, Inc. 2) The Conditions of Sale and Warranty statement has been changed to reflect the name change. Because Syngenta has been formed by the merger of Novartis Crop Protection, Inc. and Zeneca Ag Products, we have chosen to use the former Zeneca warranty statement as the Syngenta warranty statement. No other changes occur in the statement other than the name change. 3) The copyright date reflects Syngenta. 4) Trademark statements have been updated to reflect Syngenta for those products for which Syngenta holds the trademark. 5) The Internet address has been changed to reflect Syngenta. 6) Other places in the label which referring to the company name have been updated.

**Section - III**

<b>1. Material This Product Will Be Packaged In:</b>				<b>2. Type of Container</b>	
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			
*Certification must be submitted		If "Yes"      No. per Unit Packaging wgt.    Container	If "Yes"      No. per Unit Packaging wgt.    container	<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____	
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"/> Other _____ <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled					

**Section - IV**

<b>1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)</b>					
Name Nan S. Padgett	Title Label Group Leader	Telephone No. (Include Area Code) 336-632-7567			
<b>Certification</b>					6. Date Application Received (Stamped)
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.					
2. Signature 	3. Title Label Group Leader				
4. Typed Name Nan S. Padgett	5. Date March 19, 2001				

NOTIFICATION

MAR 30 2001



# Ridomil Gold<sup>®</sup>



## FUNGICIDE

For the control of certain diseases in carrots, broccoli, brussels sprouts, cabbage, cauliflower, cucurbit vegetables, onions, potatoes, and tomatoes

**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:** Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention immediately.

**If swallowed:** Drink promptly a large quantity of milk, egg whites, gelatin solution or, if none of these are available, large quantities of water and induce vomiting by touching back of throat with finger. Avoid alcohol. Do not induce vomiting or give anything by mouth to an unconscious person. Call a physician or Poison Control Center.

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

**If on skin:** Wash with plenty of soap and water. Get medical attention.

**Note to Physician:** If swallowed, probable mucosal damage may contraindicate gastric lavage.

If in eyes, specialized ophthalmologic attention may be required.

Active Ingredients:	
(R)-2-[(2,6-dimethylphenyl)-methoxyacetylamino]-propionic acid methyl ester	4.4%
Refined Compounds	0.1%
Chlorothalonil: Tetrachloroisophthalonitrile	72.0%
<hr/>	
Inert Ingredients:	23.5%
Total:	100.0%

Ridomil Gold/Bravo is a wettable powder packaged in a water-soluble bag.

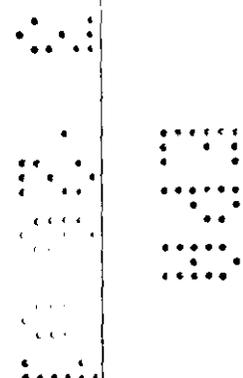
See directions for use on right side of container.

This outer protective container contains Ridomil Gold/Bravo 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.

EPA Reg. No. 100-800 EPA Est. 67545-AZ-1

5 POUNDS  
NET WEIGHT

**syngenta**



**CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY**

**NOTICE:** Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product should be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of SYNGENTA CROP PROTECTION, Inc. or Seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold SYNGENTA and Seller harmless for any claims relating to such factors.

SYNGENTA warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of the product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or SYNGENTA, and Buyer and User assume the risk of any such use. SYNGENTA MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

In no event shall SYNGENTA or Seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF SYNGENTA AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF SYNGENTA OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

SYNGENTA and Seller offer this product, and Buyer and User accept it, subject to the foregoing conditions of sale and limitations of warranty and of liability, which may not be modified except by written agreement signed by a duly authorized representative of SYNGENTA.

**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, AND/OR ILL-LEGAL RESIDUES.**

**GENERAL INFORMATION**

Ridomil Gold/Bravo contains 4.5% Ridomil Gold active ingredient and 72% of the active ingredient chlorothalonil. Ridomil Gold is a systemic fungicide that provides control of downy mildew and late blight diseases of selected crops. Chlorothalonil is a broad-spectrum protectant fungicide that controls many diseases of vegetables.

**Note:** Ridomil Gold active ingredient 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, Syngenta cannot assume liability for crop damage resulting from insensitive strains of fungi. If treatment is not effective following the use of Ridomil Gold/Bravo as recommended, an insensitive strain of fungi may be present. If the treatment is ineffective due to the presence of a Ridomil Gold insensitive strain of fungi, neither Ridomil Gold/Bravo 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, FLOAT HOUSES, HYDROPONIC PRODUCTION, OR IN BEDDING PLANT STRUCTURES.**

**Mixing Instructions**

Ridomil Gold/Bravo is an effective fungicide when used according to label directions for control of a broad spectrum of plant diseases. Thorough, uniform coverage is essential for disease control. 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 dissolve the bag and disperse the product. Maintain maximum agitation throughout the spraying operation.** Do not let the spray mixture stand overnight in the spray tank. Flush the spray equipment thoroughly following each use and apply the rinsate to a previously treated area.

Amount of water needed per acre will vary with crop and amount of plant growth. Apply in a minimum of 20 gals./A for dilute sprays and 5 gals./A for concentrate ground sprays and aerial applications.

To avoid spray drift, do not apply under windy conditions. Avoid spray overlap, as crop injury may result.

**Precaution:** Water-soluble bags of Ridomil Gold/Bravo must be completely dissolved and dispersed in plain water before any other tank-mix partner, including micronutrients or other liquid or dry fertilizers, are added to the spray solution. Boron, especially in the form of a micronutrient additive, such as Solubor®, etc., or as a natural component of the mix water, may prevent water-soluble bags from dissolving.

**Ridomil Gold/Bravo Alone:** Add 1/4 of the required amount of plain water to the spray or mixing tank. With the agitator running, drop the required number of unopened soluble bags of Ridomil Gold/Bravo into the tank all at once. Continue agitation while adding the remainder of the water. Begin application of the spray solution after the pouches have dissolved, and the material has completely dispersed into the mix water. Maintain agitation until all of the mixture has been applied.

**Ridomil Gold/Bravo + Tank Mixtures:** Ridomil Gold/Bravo is usually compatible with most commonly used insecticides, fungicides, and spray adjuvants. When using Ridomil Gold/Bravo in a tank mixture with other pesticides, observe the most restrictive label limitations and precautions of the products being used.

Add 1/4 of the required amount of plain water to the spray or mixing tank. With the agitator running, drop the required number of unopened soluble bags of Ridomil Gold/Bravo, and any other products packaged in water-soluble bags, into the tank all at once. After the water-soluble bags have dissolved and the products have completely dispersed uniformly into the mix water, continue to fill the tank with water. Then add the desired amount of other products recommended for tank mixture and allow them to become completely dispersed. Continue agitation while adding the remainder of the water and during application to maintain a uniform suspension.

**Preharvest Intervals**

Unless otherwise stated in the directions for use for a specific crop, there is no pre-harvest interval.

**Application Through Irrigation Systems**

Ridomil Gold/Bravo alone or in combination with other fungicides which are registered for sprinkler irrigation 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.

**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 6 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.

- 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.
- Do not apply when wind speed favors drift beyond the area intended.

#### Application Instructions

Ridomil Gold/Bravo must be applied on the schedule specified 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.

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

#### Center Pivot Irrigation Equipment

**Notes:** (1) Use only with drive systems which provide uniform water distribution. (2) Do not use end guns when chemigating Ridomil Gold/Bravo through center pivot systems because of non-uniform application. (3) Plug the first nozzle closest to well head to protect water source.

- Determine the size of the area to be treated.
- Determine the time required to apply 1/4-1/2 inch water over the area to be treated when the system and injection equipment are operated at normal pressures as recommended by the equipment manufacturer. Run the system at 80-95% of the manufacturer's rated capacity.
- Using water, determine the injection pump output when operated at normal line pressure.
- Determine the amount of Ridomil Gold/Bravo required to treat the area covered by the irrigation system.
- Add the required number of Ridomil Gold/Bravo soluble bags and sufficient water to meet the injection time requirements to the solution tank. (See **Mixing Instructions** section of this label.)
- Make sure the system is fully charged with water before starting injection of the Ridomil Gold/Bravo solution. Time the injection to last at least as long as it takes to bring the system to full pressure.
- Maintain constant solution tank agitation during the injection period.
- Stop injection equipment after treatment is completed. Continue to operate system until the Ridomil Gold/Bravo solution has cleared the sprinkler head.

#### Solid Set, Hand Move, and Moving Wheel Irrigation Equipment

- Determine the acreage covered by the sprinklers.
- Fill injector solution tank with plain water and calibrate the flow rate of the system to deliver the contents of the tank over a 20 to 30-minute time interval.
- Determine the amount of Ridomil Gold/Bravo required to treat the area covered by the irrigation system.
- Add the required number of Ridomil Gold/Bravo soluble bags into the same quantity of water used to calibrate the injection period. (See **Mixing Instructions** section of this label.)
- Operate system at the same pressure and time interval established during the calibration.
- Inject Ridomil Gold/Bravo at the end of the irrigation cycle or as a separate application to maximize retention of the fungicide by the foliage.
- Stop injection equipment after treatment is completed. Continue to operate the system until the Ridomil Gold/Bravo solution has cleared the last sprinkler head.

### CARROTS

Ridomil Gold/Bravo, when used as a foliar spray in a preventive disease control program, provides effective control of cavity spot, *Cercospora* blight (early), and *Alternaria* blight (late). For season-long control of cavity spot, a preplant or at-planting application of Ridomil Gold EC or Ridomil Gold WSP is recommended. (See the **Root and Tuber Vegetable** section of the Ridomil Gold EC or Ridomil Gold WSP label for use directions.)

Apply 1 1/2-2 lbs. of Ridomil Gold/Bravo per acre beginning 40-50 days after the Ridomil Gold EC or Ridomil Gold WSP at-planting application. Make 2-4 applications of Ridomil Gold/Bravo on a 14-day schedule.

**Note:** To avoid possible illegal residues, do not apply Ridomil Gold/Bravo within 7 days of harvest.

### COLE CROPS (BROCCOLI<sup>1</sup>, BRUSSELS SPROUTS, CABBAGE<sup>2</sup>, AND CAULIFLOWER ONLY)

<sup>1</sup>Broccoli, Chinese Broccoli (gai lan, white flowering broccoli)

<sup>2</sup>Cabbage, Chinese Cabbage (tight-heading varieties only)

Ridomil Gold/Bravo, when used as a foliar application in a preventive disease control program, provides effective control of downy mildew and *Alternaria* leaf spot.

**Downy Mildew:** Apply 1 1/2 lbs./A. Begin applications when conditions are favorable for disease, but before infection and continue at 14-day intervals until the threat of disease is over.

**Alternaria Leaf Spot:** Apply 1 1/2 lbs./A. Begin applications when conditions are favorable for disease, but before infection, and continue at 14-day intervals until threat of disease is over. Under severe disease pressure, use other effective EPA-registered fungicides according to label directions between the Ridomil Gold/Bravo sprays.

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

### CUCURBIT VEGETABLES\*

\*Cucumber, cantaloupe, casaba, crenshaw, honeydew melon, honey balls, muskmelon, Persian melon, watermelon, pumpkin, summer squash, winter squash, and cucurbit hybrids only.

Ridomil Gold/Bravo, when used as a foliar spray in a preventive disease control program, provides effective control of many diseases of cucurbit vegetables. Avoid late season applications when plants reach full maturity or begin senescence.

**Downy Mildew:** Apply 2 lbs./A of Ridomil Gold/Bravo. Begin applications when conditions are favorable for disease, but before infection, and continue at 14-day intervals until the threat of disease is over. The full rate of a protectant fungicide should be applied between Ridomil Gold/Bravo applications. Avoid late season applications when plants reach full maturity and begin senescence.

**Anthraxnose, Cercospora Leaf Spot, Gummy Stem Blight (Black Rot), Leaf Blight, and Scab:** Apply 2-3 lbs./A. Begin applications when conditions are favorable for disease, but before infection, and continue at 10 to 14-day intervals. Under severe disease pressure, alternate Ridomil Gold/Bravo sprays with other effective EPA-registered fungicides every 7 days.

**Note:** You may make up to 4 applications of Ridomil Gold/Bravo per crop.

### ONIONS - DRY BULB\*, GREEN\*\*, 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 Gold/Bravo, when used as a foliar spray in a preventive disease control program, provides effective control of downy mildew, *Botrytis* leaf blight, and purple blotch.

**Downy Mildew:** Apply 2 lbs./A. 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 compatible spreader-sticker at rates recommended on the product label.

**Botrytis Leaf Blight (Blast) and Purple Blotch:** Apply 2 lbs./A on a 14-day schedule and apply other effective EPA-registered fungicides between the Ridomil Gold/Bravo sprays; or apply 2 lbs./A of Ridomil Gold/Bravo on a 7-day schedule.

**Notes:** (1) To avoid possible illegal residues, do not apply to dry bulb onions within 7 days of harvest or to green onions within 21 days of harvest. (2) You may make up to 4 applications of Ridomil Gold/Bravo to dry bulb or seed onions. (3) You may make up to 3 applications of Ridomil Gold/Bravo to green onions. If conditions for disease development are still favorable after making 3 applications of Ridomil Gold/Bravo, use other fungicides registered for disease control in green onions.

### POTATOES

Ridomil Gold/Bravo, when used as a foliar application in a preventive disease control program, will provide effective 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 Gold/Bravo in sufficient water to obtain thorough coverage for ground applications and in a minimum of 5 gals. of water per acre for aerial applications.

It is recommended that this product be used within an Integrated Pest Management Program. Also, vine-kill should occur 14 days before harvest.

**Late Blight and Early Blight:** Apply 2.0 lbs. of Ridomil Gold/Bravo per acre. 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 uniformly across the field. In states other than FL, make up to 3 applications of Ridomil Gold/Bravo at 14-day intervals. In FL only, make up to 4 applications at 14-day intervals. The labeled rate of a protectant fungicide should be applied between Ridomil Gold/Bravo applications. Following the 3 or 4 Ridomil Gold/Bravo applications, apply the labeled rate of a protectant fungicide on a weekly schedule through the remainder of the season.

**Storage Rots: Pythium Leak (caused by *Pythium* spp.) and Pink Rot (caused by *Phytophthora erythroseptica*):** For effective control of these storage rots, Ridomil Gold/Bravo should be used in conjunction with other management practices such as crop rotation. Apply 2.0 lbs. of Ridomil Gold/Bravo per acre. Make the first application at flowering and another one 14 days later. If the field has a history of storage rot problems, make a third application 14 days after the second application.

**Note:** If applications of Ridomil Gold/Bravo are being made for late blight control that correspond to the timing of applications for storage rot control, additional applications for storage rot control are not needed.

**Notes:** (1) To avoid possible illegal residues, do not apply within 14 days of harvest. (2) In states other than FL, you may make up to 3 applications of Ridomil Gold/Bravo per crop. In FL only, you may make up to 4 applications per crop. (3) If conditions for late blight development are still favorable after making 3 applications of Ridomil Gold/Bravo, use other fungicides registered for late blight control in potatoes.

### TOMATOES

Ridomil Gold/Bravo, when used as a foliar spray in a preventive disease control program, provides effective control of several tomato diseases. Make applications of Ridomil Gold/Bravo 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 and Fruit Rot Caused by *Phytophthora* spp.:** Apply 2.0 lbs. of Ridomil Gold/Bravo per acre. Begin preventive applications early in the season when conditions are favorable for disease (before infection). In states other than FL, make up to 3 applications at 14-day intervals. In FL only, make up to 4 applications at 14-day intervals. The labeled rate of a protectant fungicide should be applied between Ridomil Gold/Bravo applications. Following the 3 or 4 Ridomil Gold/Bravo applications, apply the labeled rate of a protectant fungicide on a weekly schedule through the remainder of the season.

**Early Blight, Gray Leaf Spot, Gray Leaf Mold, and Septoria Leaf Spot:** Apply 2.0 lbs. of Ridomil Gold/Bravo per acre. Begin preventive applications early in the season when conditions are favorable for disease (before infection). In states other than FL, make up to 3 applications at 14-day intervals. In FL only, make up to 4 applications at 14-day intervals. The labeled rate of a protectant fungicide should be applied between Ridomil Gold/Bravo applications. Following the 3 or 4 Ridomil Gold/Bravo applications, apply the labeled rate of a protectant fungicide on a weekly schedule through the remainder of the season.

**Anthracnose, Alternaria Fruit Rot (Black Mold), Rhizoctonia Fruit Rot, and Botrytis Gray Mold:** Apply 2.0-3.0 lbs. of Ridomil Gold/Bravo per acre. Begin preventive applications early in the season when conditions are favorable for disease (before infection). In states other than FL, make up to 3 applications at 14-day intervals. In FL only, make up to 4 applications at 14-day intervals. The labeled rate of a protectant fungicide should be applied between Ridomil Gold/Bravo applications. Following the 3 or 4 Ridomil Gold/Bravo applications, apply the labeled rate of a protectant fungicide on a weekly schedule through the remainder of the season.

**Note:** (1) To avoid possible illegal residues, do not apply within 14 days of harvest. (2) In states other than FL, you may make up to 3 applications of Ridomil Gold/Bravo per crop. In FL only, you may make up to 4 applications per crop.

**ROTATION (PLANT BACK) RESTRICTIONS**

Do not plant any crop which is not registered for use with the Ridomil Gold active ingredient in soil treated with this active ingredient for a period of 12 months, unless a shorter interval is specified on the following list.

Rotation Crop	Planting Time From Last Application of Ridomil Gold/Bravo	
Alfalfa (including birdfoot trefoil), Almonds, Apples*, Asparagus, Avocados	0 days	
Blueberries, Broccoli, Brussels Sprouts		
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		
Garlic, Ginseng, Grapes		
Grass Grown for Seed		
Hops		
Leafy Vegetables (except Brassica vegetables), Legume Vegetables (beans and peas—succulent and dried)		
Onions (Dry Bulb, Green, and Seed)		
Papaya, Peanuts, Peppers, Pineapples, Potatoes		
Raspberries, Root and Tuber Vegetables		
Soybeans, Spinach, Stone Fruits, Strawberries, Sugar Beets		
Tobacco, Tomatoes		
Walnuts		
Cereal Grains (except corn)		40 days
Corn		9 months
Crops Not For Food or Feed	0 days	
All Other Crops For Food or Feed	12 months	

\*These crops may be planted immediately following last application of Ridomil Gold/Bravo, 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 packaging carefully to avoid breakage of inner soluble bag.

**Pesticide Disposal**

Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. Wastes resulting from the use of this pesticide are acutely hazardous. Improper disposal of unused pesticide, spray mixture, or rinsate is a violation of federal law. Pesticide, spray mixture, or rinsate that cannot be used according to label instructions must be disposed of according to federal, state, or local procedures.

For guidance in proper disposal methods, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office.

**Container Disposal**

Do not reuse outer container. Dispose of empty outer container in a sanitary landfill, by incineration, or, if allowed by state and local authorities, by burning. Stay out of smoke from burning bags.

For minor spills, leaks, 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. May be fatal if inhaled. Do not breathe dust or spray mist. Harmful if swallowed or absorbed through skin. A skin sensitizing (allergic) reaction may occur in certain individuals. Avoid contact with skin.

**Personal Protective Equipment**

**Applicators and other handlers must wear:**

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks
- Protective eyewear
- For exposure in enclosed areas, a respirator with either an organic vapor-removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G)
- For exposure outdoors, dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C)

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(d)(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 product is toxic to fish. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Drift and runoff may be hazardous to aquatic organisms in neighboring areas. Do not apply when weather conditions favor drift from treated area. Do not contaminate water when disposing of equipment wash waters or rinsate.

**Attention**

This product contains a chemical (chlorothalonil) known to the state of California to cause cancer.

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SCP 800B-M2B 0201