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|---|---|---|
|  <p align="center"><b>U.S. ENVIRONMENTAL PROTECTION AGENCY</b><br/>Office of Pesticide Programs<br/>Registration Division (7505C)<br/>1200 Pennsylvania Ave., N.W.<br/>Washington, D.C. 20460</p> <p align="center">NOTICE OF PESTICIDE:</p> <p><input checked="" type="checkbox"/> Registration<br/><input type="checkbox"/> Reregistration<br/>(under FIFRA, as amended)</p>   | EPA Reg. Number:<br><b>7969-229</b>                         | Date of Issuance:<br><b>MAY 26 2005</b> |
|   | Terms of Issuance:<br>Conditional                           |   |
|   | Name of Pesticide Product:<br><b>BAS 536 00 F Fungicide</b> |   |
| Name and Address of Registrant (include ZIP Code):<br><b>BASF Corporation</b><br><b>Agricultural Products</b><br><b>26 Davis Drive, P.O. Box 13528</b><br><b>Research Triangle Park, NC 27709-3528</b>  |   |   |
| <p><b>Note:</b> 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.</p>   |   |   |
| <p>On the basis of information furnished by the registrant, this product is conditionally registered under the Federal Insecticide, Fungicide and Rodenticide Act as amended. 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.</p>          |   |   |
| <p>This product is conditionally registered in accordance with FIFRA Section 3(c)(7)(A) provided that you</p> <ol style="list-style-type: none"> <li>1. Submit and/or cite all data required for registration of your product under FIFRA Section 3(c)(5) when the agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA Section 4.</li> <li>2. Make the following label change before you release the product for shipment: Revise the EPA Registration Number to read "EPA Reg. No. 7969-229"</li> <li>3. Submit one copy of the final printed label before releasing the product for shipment.</li> </ol> |   |   |
| <p>If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions. A copy of your label stamped "Accepted with comments" is included for your records. A copy of the Agency's Product Chemistry Review dated February 2, 2005 is enclosed for your records.</p>  |   |   |
| Signature of Approving Official:<br><br>Cynthia Giles-Parker, Product Manager (22)<br>Fungicide Branch, Registration Division  | Date:<br><br><b>MAY 26 2005</b>                             |   |

# BASF

Group 11 15 Fungicides

# BAS 536 00 F

## fungicide

**For use in bulb vegetables, cucurbit vegetables,  
fruiting vegetables, tomatoes, and potatoes**

**ACTIVE INGREDIENTS:**

|   |               |
|---|---------------|
| Pyraclostrobin (carbamic acid, [2-[[[1-(4-chlorophenyl)-1H-pyrazol-3-yl]oxy]methyl]phenyl]methoxy-, methyl ester) ..... | 6.7%          |
| Dimethomorph [[(E,Z)4-[3-(4-chlorophenyl)-3-(3,4-dimethoxyphenyl)-1-oxo-2-propenyl]-morpholine] .....                   | 12.0%         |
| <b>OTHER INGREDIENTS</b> .....  | <b>81.3%</b>  |
| <b>TOTAL</b> .....  | <b>100.0%</b> |

EPA Reg No. 7969-xxx

EPA Est. No.

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

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 the attached booklet for complete **First Aid, Precautionary Statements, Directions For Use, and Conditions of Sale and Warranty.**

**Net Contents:**

**ACCEPTED  
with COMMENTS  
In EPA Letter Dated:  
MAY 26 2005**

BASF Corporation  
26 Davis Drive  
Research Triangle Park, NC 27709

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

7969 -  
229

BAS 530 00 F fungicide

| FIRST AID                      |  |
|--------------------------------|--|
| <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> |
| <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 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 first 5 minutes, then continue rinsing eye.</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 mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>   |

HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact BASF Corporation for emergency medical treatment information: 1-800-832-HELP (4357).

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

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

Personal Protective Equipment (PPE): Some materials that are chemically resistant to this product are listed below. For more options, refer to Category A on an EPA chemical resistance category selection chart.

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material (such as nitrile, butyl, neoprene, and/or barrier laminate)
- Shoes plus socks

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

Engineering Controls Statement

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.
- 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 product may contaminate water through drift of spray in wind. This product has a potential for runoff for several months or more after application. Poorly draining soils with shallow water tables are more prone to produce runoff that contains this product. A level, well maintained vegetative buffer strip between areas to which this product is applied and surface water features such as ponds, streams, and springs will reduce the potential for contamination of water from rainfall-runoff. Runoff of this product will be reduced by avoiding applications when rainfall is forecasted to occur within 48 hours. Sound erosion control practices will reduce this product's contribution to surface water contamination.

This pesticide is toxic to fish and aquatic invertebrates. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. Do not apply directly to water, areas where surface water is present, or intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment wash waters or rinsate.

DIRECTIONS FOR USE

It is a violation of federal law to use this product in a manner inconsistent with its labeling.

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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.

Keep the spill out of all sewers and open bodies of water.

### 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 **12 hours**.

PPE required for early entry to treated areas 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
- Chemical resistant gloves made of any waterproof material (such as nitrile, butyl, neoprene, and/or barrier laminate)
- Shoes plus socks

### STORAGE AND DISPOSAL

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

- **Pesticide Storage:** Store in original containers only. Keep container closed when not in use. Do not store near food or feed. In case of spill on floor or paved surfaces, mop and remove to chemical waste storage area until proper disposal can be made if product cannot be used according to label.
- **Pesticide Disposal:** Wastes resulting from using this product may be disposed of on site or at an approved waste disposal facility. If these wastes cannot be disposed of according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representatives at the nearest EPA Regional Office for guidance.
- **Container Disposal:** Triple rinse (or equivalent). Puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

### In Case of Spill

In case of large-scale spillage regarding this product, call:

|                  |                     |
|------------------|---------------------|
| CHEMTREC         | 800-424-9300        |
| BASF Corporation | 800-832-HELP (4357) |

### Steps to be taken in case material is released or spilled:

Dike and contain spill with inert material (sand, earth, etc.) and transfer liquid and solid diking material to separate containers for disposal.

Remove contaminated clothing, and wash affected skin areas with soap and water.

Wash clothing before re-use.

## I. GENERAL INFORMATION

This package contains **BAS 536 00 F fungicide**, a water dispersible granule (EG). Optimum disease control is achieved when **BAS 536 00 F** is applied in a regularly scheduled protective spray program and is used in a rotation program with other fungicides.

**BAS 536 00 F** is not for use in greenhouse or transplant production.

### Mode of Action:

Pyraclostrobin and dimethomorph, the active ingredients of **BAS 536 00 F**, are classified by the U.S. EPA as Target Site of Action **Group 11** and **Group 15** Fungicides, respectively.

### Resistance Management

**BAS 536 00 F** contains pyraclostrobin and dimethomorph, a premix of a **Group 11** and **Group 15** fungicide. **BAS 536 00 F** is effective against pathogens resistant to fungicides with modes of action different from those Target site **Group 11** and **15**, such as for example, dicarboximides, sterol inhibitors, benzimidazoles, or phenylamides. **BAS 536 00 F** is also effective against certain pathogens resistant to **Group 11** fungicides such as pyraclostrobin, azoxystrobin, or trifloxystrobin. However, strains of target pathogens resistant to **Group 11** or **15** fungicides may eventually dominate the population if **Group 11** or **Group 15** fungicides are used predominantly and repeatedly in the same field in successive years as the primary method of control, especially if resistance to either **Group 11** or **15** fungicides is already present in the population. This may result in reduction of disease control by **BAS 536 00 F** or other **Group 11** or **15** fungicides. To maintain the performance of **BAS 536 00 F** in the field, do not exceed the total number of sequential applications of **BAS 536 00 F** and the total number of applications of **BAS 536 00 F** per season stated in Sections **V**, and **VI**. Adhere to the label instructions regarding the consecutive use of **BAS 536 00 F** or other target site of action **Group 11** and **15** fungicides that have a similar site of action on the same pathogens.

The following recommendations may be considered to delay the development of fungicide resistance:

1. **Tank mixtures:** **BAS 536 00 F** provides effective resistance management of most of its target pathogens because it is a premix of two fungicides with different modes of action. If **BAS 536 00 F** is used in tank mixtures with fungicides from different target site of action Groups that are registered/permitted for the same use and that are effective against the pathogens of concern, BASF recommends using at least the minimum labeled rates of each fungicide in the tank mix.
2. **IPM:** **BAS 536 00 F** should be integrated into an overall disease and pest management program. Cultural practices known to reduce disease development should be followed. Consult your local extension specialist, certified crop advisor and/or BASF representative for additional IPM strategies established for your area. **BAS 536 00 F** may be used in Agricultural Extension advisory (disease forecasting) programs, which recommend application timing based on environmental factors favorable for disease development.
3. **Monitoring:** Monitor efficacy of all fungicides used in the disease management program against the targeted pathogen and record other factors that may influence fungicide performance and/or disease development. If a **Group 11** or **Group 15** target site fungicide appears to be less or no longer effective against a pathogen

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that it previously controlled or suppressed, contact a BASF representative, local extension specialist, or certified crop advisor to assist in determining the cause of reduced performance.

### Cleaning Spray Equipment

Spraying equipment must be cleaned thoroughly before and after applying this product, particularly if a product with the potential to injure crops was used prior to **BAS 536 00 F**.

## II. Application Instructions

Apply recommended rates of **BAS 536 00 F** as instructed by the **Crop-Specific Recommendations**. Apply **BAS 536 00 F** with ground sprayer, aerial equipment or through sprinkler irrigation equipment. Equipment should be checked frequently for calibration. Under low-level disease conditions, the minimum application rates can be used while maximum application rates and shortened spray schedules are recommended for severe or threatening disease conditions.

**Ground Application:** Use no less than 20 gallons of water per acre. Apply **BAS 536 00 F** fungicide in sufficient water to ensure thorough coverage of foliage, bloom, and fruit. Thorough coverage is required for optimum disease control.

**Aerial Application:** BASF recommends ground applications for thorough coverage. For those crops or in conditions where applications cannot be done by ground equipment, aerial applications can be made. Avoid conditions when uniform coverage cannot be obtained or when spray drift may occur.

Use no less than 5 gallons of spray solution per acre. Do not apply when conditions favor drift from target area. Drift potential is lowest when windspeed does not exceed 10 mph.

### Directions for Use Through Sprinkler Irrigation Systems

**Sprayer Preparation:** Chemical tank and injector system should be thoroughly cleaned. Flush system with clean water.

**Application Instructions:** Apply **BAS 536 00 F** at rates and timings as described in this label.

#### Use Precautions for Sprinkler Irrigation Applications:

- Apply this product only through sprinkler irrigation systems including center pivot, lateral move, end tow, side [wheel] roll, traveler, big gun, solid set, or hand move irrigation systems. Do not apply this product through any other type of irrigation system.
- Add this product to the pesticide supply tank containing sufficient water to maintain a continuous flow by the injection equipment. In continuous moving systems, inject this product water mixture continuously, applying the labeled rate per acre for that crop. Do not exceed 1/2 inch (13,577 gallons) per acre. In stationary or non-continuous moving systems, inject the product water mixture in the last 15-30 minutes of each set, allowing sufficient time for all of the required pesticide to be applied by all the sprinkler heads and applying the labeled rate per acre for that crop. Do not apply when wind speed favors drift beyond the area intended for treatment. Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from non-uniform distribution of treated water. Thorough coverage of foliage is required for good control. Good agitation should be maintained during the entire application period.
- If you have questions about calibration, you should contact a State Extension Service specialist, equipment manufacturers or other

experts.

- 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 back-flow.
- The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
- 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.
- The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
- 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.
- Allow sufficient time for pesticide to be flushed through all lines and all nozzles before turning off irrigation water. 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.
- 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.

#### Specific Instructions for Public Water Systems:

1. Public water system means a system for the provision to the public of piped water for human consumption if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days out of the year.
2. Chemigation systems connected to public water systems must contain a functional, reduced pressure zone, back-flow preventer (RPZ) or the functional equivalent in the water supply line upstream from the point of pesticide introduction. As an option to the RPZ, the water from the public water system should be discharged into a reservoir tank prior to pesticide introduction. There shall be a complete physical break (air gap) between the outlet end of the fill pipe and the top or overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe.
3. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
4. The pesticide injection pipeline must 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.
5. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops, or in cases where there is no water pump,

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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 for treatment.

### The following routine checks will help to ensure that the sprinkler irrigation system is working properly.

1. Use a calibrated injection metering pump as specified by the manufacturer.
2. Metering pumps, the supply tank, and any associated equipment must be clean and dry before adding diluted **BAS 536 00 F** to the system for injection.
3. Check the metering pump periodically to confirm that **BAS 536 00 F** is being injected continuously and at the proper calibration throughout the irrigation period.
4. Continuous agitation must be maintained in the supply tank during the entire overhead sprinkler irrigation period.

### Center Pivot and Lateral Move Irrigation Equipment

(Use only with electric or hydraulic drive systems which provide a uniform water distribution.)

1. Determine size of area to be treated.
2. Determine the time required to apply the least amount of water. No more than 0.2 inches of water should be applied over the area to be treated when the system and injection equipment are operated at normal pressure recommended by the equipment manufacturer's rated capacity.
3. Using only water, determine the injection pump output when operated at normal line pressure.
4. Determine the amount of **BAS 536 00 F** required to treat area.
5. Add the required amount of **BAS 536 00 F** and sufficient water to meet the injection time requirements of the solution tank.
6. Maintain constant solution tank agitation during the injection period.
7. Stop injection equipment after treatment is completed. Continue to operate the system until **BAS 536 00 F** solution has cleared the last sprinkler head.

### Solid-set, Side (wheel) Roll, and Hand Move Irrigation Equipment:

1. Determine acreage covered by sprinkler.
2. Fill injector solution tank with water and adjust flow rate to use contents over a 10 to 30 minute interval.
3. Determine the amount of **BAS 536 00 F** required to treat the area.
4. Add the required amount of **BAS 536 00 F** into the same quantity of water used to calibrate the injection equipment.
5. Maintain constant solution tank agitation during the injection period.
6. Operate system at normal pressure recommended by the manufacturer of the injection equipment and use for the time interval established during calibration.
7. Inject **BAS 536 00 F** at the end of the irrigation cycle or as a separate application to maximize foliar fungicide retention.

8. Stop injection equipment after treatment is completed. Continue to operate the system until **BAS 536 00 F** solution has cleared the last sprinkler head.

## III. Additives and General Tank Mixing Information

**BAS 536 00 F** fungicide can be tank mixed with most recommended fungicides, insecticides, herbicides, liquid fertilizers, biological control products, adjuvants, and additives as specified in Section VI. **Crop-Specific Recommendations.**

Under some conditions, the use of additives or adjuvants may improve the performance of **BAS 536 00 F**. However, all varieties and cultivars have not been tested with all possible tank mix combinations. Local conditions can also influence crop tolerance and may not match those under which BASF has conducted testing. Physical incompatibility, reduced disease control, or crop injury may result from mixing **BAS 536 00 F** with other products. Therefore, before using any tank mix (fungicides, insecticides, herbicides, liquid fertilizers, biological control products, adjuvants, and additives), test the combination on a small portion of the crop to be treated to ensure that a phytotoxic response will not occur as a result of application.

Consult a BASF representative or local agricultural authorities for more information concerning additives.

If tank mixtures are used, adhere to restrictions due to rates, label recommendations and precautions on all labels. Limit amount of spray mixture prepared to that needed for immediate use.

## IV. Mixing Order

- 1) **Water:** Begin by agitating a thoroughly clean sprayer tank half full of clean water.
- 2) **Agitation:** Maintain constant agitation throughout mixing and application.
- 3) **Inductor:** If an inductor is used, rinse it thoroughly after each component has been added.
- 4) **Products in PVA bags:** Place the water-soluble PVA bag into the mixing tank. The water-soluble PVA bag will dissolve in water to allow the contents to disperse. Wait until all water-soluble PVA bags have fully dissolved and the product is evenly mixed in the spray tank before continuing.
- 3) **Water-dispersible products:** (dry flowables such as **BAS 536 00 F**, wettable powders, suspension concentrates, or suspensions).
- 4) **Water-soluble products.**
- 5) **Emulsifiable concentrates:** (oil concentrate or methylated seed oil when applicable).
- 6) **Water-soluble additives:** (AMS or UAN when applicable).
- 7) **Remaining quantity water.**

Make sure that each component is thoroughly mixed and suspended before adding tank mix partners. Maintain constant agitation during application. **Thorough agitation is required if the mixture is allowed to stand for a prolonged period of time.**

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**V. General Restrictions and Limitations  
All Crops**

- **Maximum seasonal use rate:** Do not apply more than the maximum rate per acre per season as listed in **Table A. Crop-Specific Restrictions and Limitations** and **Section VI. Crop-Specific Recommendations**.
- **Maximum rate per application:** Do not apply more than the maximum rate per acre per application as listed in **Table A. Crop-Specific Restrictions and Limitations** and **Section VI. Crop-Specific Recommendations**.
- Do not make more than the total number of applications of **BAS 536 00 F** per season, as listed in **Table A. Crop-Specific Restrictions and Limitations** and not exceeding the maximum seasonal use rate. Also see **Section VI. Crop-Specific Recommendations**.
- **Pre-harvest interval (PHI):** See **Table A. Crop-Specific Restrictions and Limitations** and **Section VI. Crop-Specific Recommendations**.
- **BAS 536 00 F** is not for use in greenhouse or transplant production.

**Crop Rotation Restriction:** Crops listed on the **Acrobat® 50 WP fungicide**, **Cabrio® EG fungicide** and **Headline® fungicide** labels may be planted immediately following the last application. All other crops can be planted **12 months** after the last application. Exceptions are listed below:

**One Month:** Barley, oats, leafy vegetables, brassica vegetables, and root and tuber vegetables (including sugar beets).

**Seven Months:** Alfalfa, beans, clover, corn, peas, rice, sorghum, and soybeans.

**Table A. Crop Specific Use Restrictions and Limitations**

| Crop  | Minimum Time from Application to Harvest (PHI) (days) | Maximum Rate per Acre per Application (oz.) | Maximum Number of Applications per Season | Maximum Rate per Acre per Season (oz.) | Livestock Grazing or Feeding |
|---|---|---|---|--|------------------------------|
| Bulb Vegetables <sup>1</sup>                          | 7   | 26  | 5   | 130                                    | NA <sup>2</sup>              |
| Cucurbit Vegetables <sup>1</sup>                      | 0   | 26  | 4   | 104                                    | NA <sup>2</sup>              |
| Fruiting Vegetable Group <sup>1</sup> , except tomato | 0   | 26  | 5   | 130                                    | NA <sup>2</sup>              |
| Potato  | 4   | 26  | 5   | 130                                    | Yes                          |
| Tomato  | 4   | 26  | 5   | 130                                    | NA <sup>2</sup>              |

<sup>1</sup>For a complete list of crops within a crop group, see **Section VI. Crop-Specific Recommendations**.

<sup>2</sup>NA = Not applicable

**VI. Crop-Specific Recommendations**

| Crop   | Target Diseases  | Use Rate per Application | Maximum Number of Applications per Season | Maximum Rate per Season | Minimum Time from Application to Harvest (PHI) |
|--|--|--------------------------|---|-------------------------|--|
| <b>Bulb Vegetables:</b><br>Garlic<br>Leek<br>Onion, all types<br>Shallot | Downy Mildew<br><i>(Peronospora destructor)</i><br>Alternaria purple blotch<br><i>(Alternaria. porri)</i>  | 26 oz. per acre          | 5   | 130 oz. per acre        | 7 days   |
|  | <p><b>Application Directions:</b> Begin applications of <b>BAS 536 00 F</b> prior to disease development and continue fungicide applications on 14-day intervals.</p> <p><b>Resistance Management:</b> To limit the potential for development of resistance, do not make more than five (5) applications of <b>BAS 536 00 F</b> or other <b>Group 11</b> or <b>15</b> fungicides per season. See <b>Application Directions</b> above.</p> <p>Do not make more than two (2) applications of <b>BAS 536 00 F</b> before alternating to a labeled fungicide with a non-QoI (<b>Group 11</b>) mode of action for at least one application.</p> |                          |   |                         |  |

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VI. Crop-Specific Recommendations (continued)

| Crop   | Target Diseases  | Use Rate per Application              | Maximum Number of Applications per Season | Maximum Rate per Season                | Minimum Time from Application to Harvest (PHI) |
|--|--|---------------------------------------|---|--|--|
| <p><b>Cucurbit Vegetables:</b><br/>           Cantaloupe<br/>           Chayote<br/>           Chinese waxgourd<br/>           Citron melon<br/>           Cucumber<br/>           Gherkin<br/>           Gourd, edible<br/>           Melon<br/> <i>Momordica</i> spp.<br/>           Muskmelon<br/>           Pumpkin<br/>           Squash, summer<br/>           Squash, winter<br/>           Watermelon</p>  | <p>Downy Mildew<br/> <i>(Pseudoperonospora cubensis)</i><br/>           Phytophthora Blight<br/>           or Crown Rot<br/> <i>(Phytophthora capsici)</i></p> | <p>26 oz.<br/>           per acre</p> | <p>4</p>                                  | <p>104 oz.<br/>           per acre</p> | <p>0 days</p>                                  |
| <p><b>Application Directions:</b> Begin applications of <b>BAS 536 00 F</b> prior to disease development and continue fungicide applications on 7-14 day intervals.</p> <p>Do not use <b>BAS 536 00 F</b> for control of gummy stem blight where resistance to QoI (<b>Group 11</b>) fungicides exists.</p> <p>Do not use <b>BAS 536 00 F</b> tank mixes with additives or adjuvants on muskmelon crops such as cantaloupe and honeydew, or crop injury may result.</p> <p>For cucurbit crops other than melons, the use of additives or adjuvants may improve the performance of <b>BAS 536 00 F</b>. However, BASF evaluations also indicate that under some conditions (particularly high temperatures and/or high additive rates), application of <b>BAS 536 00 F</b> in combination with certain rates of silicone-based or oil-containing (petroleum or crop) additives or adjuvants can cause injury to some cucurbit crops. BASF has not tested all varieties and cultivars with all possible tank mix combinations and rates of additives or adjuvants. Local environmental conditions also influence crop tolerance and may not match those under which BASF has conducted testing. Physical incompatibility, reduced disease control, or crop injury may result from mixing <b>BAS 536 00 F</b> with other products.</p> <p>The user assumes all risks associated with adding products to the <b>BAS 536 00 F</b> spray solution. BASF cannot be held responsible for crop injury, reduced disease control or incompatibility due to additives, adjuvants or other products used in combination with <b>BAS 536 00 F</b>. Refer also to the <b>Conditions of Sale and Warranty</b> section of this label.</p> <p>To minimize the likelihood of crop injury, BASF recommends testing <b>BAS 536 00 F</b> in combination with other products for crop safety on a small portion of the crop. However, environmental variability precludes direct and consistent projection of small area test results to future use.</p> <p>Consult a BASF representative for more information concerning additives or adjuvants.</p> <p>Do not tank mix <b>BAS 536 00 F</b> with Malathion, Kelthane®, Thiodan®, Phaser®, Lannate®, Lorsban®, M-Pede®, or Botran®, as crop injury may result.</p> <p>For more information, see Section III. <b>Additives and General Tank Mixing Information.</b></p> <p><b>Resistance Management:</b> To limit the potential for development of resistance, do not make more than four (4) applications of <b>BAS 536 00 F</b> or other <b>Group 11</b> or <b>15</b> fungicides per season. See <b>Application Directions</b> above.</p> <p>Do not make more than two (2) applications of <b>BAS 536 00 F</b> before alternating to a labeled fungicide with a non-QoI (<b>Group 11</b>) mode of action for at least one application.</p> |  |                                       |   |  |  |



BAS 536 00 F fungicide

VI. Crop-Specific Recommendations (continued)

| Crop  | Target Diseases  | Use Rate per Application | Maximum Number of Applications per Season | Maximum Rate per Season | Minimum Time from Application to Harvest (PHI) |
|---|--|--------------------------|---|-------------------------|--|
| <b>Fruiting Vegetable Group, except tomato:</b><br>Eggplant<br>Ground cherry<br>Pepino<br>Pepper (all varieties)<br>Tomatillo   | Anthracnose<br>( <i>Colletotrichum</i> spp.)<br>Alternaria leaf spot<br>( <i>Alternaria</i> spp.)<br>Cercospora leaf spot<br>( <i>Cercospora</i> spp.)<br>Corynespora leaf spot<br>( <i>Corynespora cassiicola</i> )<br>Downy mildew<br>( <i>Peronospora</i> spp.)<br>Early blight<br>( <i>Alternaria solani</i> )<br>Late blight<br>( <i>Phytophthora infestans</i> )<br>Septoria leaf spot<br>( <i>Septoria</i> spp.)<br><br><b>Suppression only</b><br>Phytophthora blight<br>( <i>Phytophthora capsici</i> ) | 26 oz.<br>per acre       | 5   | 130 oz.<br>per acre     | 0 days   |
| <p><b>Application Directions:</b> Begin applications of <b>BAS 536 F</b> prior to disease development and continue fungicide applications on 7-14 day intervals.</p> <p>*For applications based on dilute volume, plants should be sprayed to runoff. Apply a minimum of 20 gallons of spray volume per acre, and increase the spray volume as the plants grow during the season. Spray volume should be proportional to the amount of plant tissue to be covered such that 100 gallons of spray per acre is used on mature plants.</p> <p>The use of additives or adjuvants may improve the performance of <b>BAS 536 00 F</b> on fruiting vegetables. However, BASF evaluations also indicate that under some conditions (particularly high temperatures and/or high additive rates), application of <b>BAS 536 00 F</b> in combination with certain rates of silicone-based or oil-containing (petroleum or crop) additives or adjuvants can cause injury.</p> <p>BASF has not tested all varieties and cultivars with all possible tank mix combinations and rates of additives or adjuvants. Local environmental conditions also influence crop tolerance and may not match those under which BASF has conducted testing. Physical incompatibility, reduced disease control, or crop injury may result from mixing <b>BAS 536 00 F</b> with other products.</p> <p>The user assumes all risks associated with adding products to the <b>BAS 536 00 F</b> spray solution. BASF cannot be held responsible for crop injury, reduced disease control or incompatibility due to additives, adjuvants or other products used in combination with <b>BAS 536 00 F</b>. Refer also to the <b>Conditions of Sale and Warranty</b> section of this label.</p> <p>To minimize the likelihood of crop injury, BASF recommends testing <b>BAS 536 00 F</b> in combination with other products for crop safety on a small portion of the crop. However, environmental variability precludes direct and consistent projection of small area test results to future use.</p> <p>Consult a BASF representative for more information concerning additives or adjuvants.</p> <p>For more information, see Section III. <b>Additives and General Tank Mixing Information.</b></p> <p><b>Resistance Management:</b> To limit the potential for development of resistance, do not make more than five (5) applications of <b>BAS 536 00 F</b> or other <b>Group 11</b> or <b>15</b> fungicides per season. For control of late blight, do not make more than one (1) application of <b>BAS 536 00 F</b> before alternating to a labeled fungicide with a different mode of action. For control of diseases other than late blight, do not make more than two (2) sequential applications of <b>BAS 536 00 F</b> before alternating to a labeled fungicide with a different mode of action. If late blight develops during a spray program for these diseases, immediately rotate to a fungicide with a different mode of action. See <b>Application Directions</b> above.</p> |  |                          |   |                         |  |

BAS 536 00 F fungicide

VI. Crop-Specific Recommendations (continued)

| Crop  | Target Diseases  | Use Rate per Application | Maximum Number of Applications per Season | Maximum Rate per Season | Minimum Time from Application to Harvest (PHI) |
|---|--|--------------------------|---|-------------------------|--|
| Potato  | Alternaria<br><i>(Alternaria alternata)</i><br>Black dot<br><i>(Colletotrichum coccodes)</i><br>Early blight<br><i>(Alternaria solani)</i><br>Late blight<br><i>(Phytophthora infestans)</i> | 26 oz.<br>per acre       | 5   | 130 oz.<br>per acre     | 4 days   |
| <p><b>Application Directions:</b> Begin applications of <b>BAS 536 00 F</b> prior to disease development and continue fungicide applications on 7-14 day intervals.</p> <p><b>Resistance Management:</b> To limit the potential for development of resistance, do not make more than five (5) applications of <b>BAS 536 00 F</b> or other <b>Group 11</b> or <b>15</b> fungicides per season. See <b>Application Directions</b> above.</p> <p>Do not make more than one (1) application of <b>BAS 536 00 F</b> before alternating to a labeled fungicide with a non-QoI (<b>Group 11</b>) mode of action for at least one application.</p> |  |                          |   |                         |  |

BAS 536 00 F fungicide

VI. Crop-Specific Recommendations (continued)

| Crop   | Target Diseases   | Use Rate per Application | Maximum Number of Applications per Season | Maximum Rate per Season | Minimum Time from Application to Harvest (PHI) |
|--|---|--------------------------|---|-------------------------|--|
| Tomato   | Anthracnose<br>( <i>Colletotrichum</i> spp.)<br>Black mold<br>( <i>Alternaria alternata</i> f. sp. <i>lycopersici</i> )<br>Early blight<br>( <i>Alternaria solani</i> )<br>Late blight<br>( <i>Phytophthora infestans</i> )<br>Septoria leaf spot<br>( <i>Septoria lycopersici</i> )<br>Target spot<br>( <i>Corynespora cassiicola</i> )<br><b>Suppression only</b><br>Phytophthora blight<br>( <i>Phytophthora capsici</i> ) | 26 oz. per acre          | 5   | 130 oz. per acre        | 4 days   |
| <p><b>Application Directions:</b> Begin applications of <b>BAS 536 00 F</b> prior to disease development and continue fungicide applications on 7-14 day intervals.</p> <p>*For applications based on dilute volume, plants should be sprayed to runoff. Apply a minimum of 20 gallons of spray volume per acre, and increase the spray volume as the plants grow during the season. Spray volume should be proportional to the amount of plant tissue to be covered such that 100 gallons of spray per acre is used on mature plants.</p> <p>The use of additives or adjuvants may improve the performance of <b>BAS 536 00 F</b> on fruiting vegetables. However, BASF evaluations also indicate that under some conditions (particularly high temperatures and/or high additive rates), application of <b>BAS 536 00 F</b> in combination with certain rates of silicone-based or oil-containing (petroleum or crop) additives or adjuvants can cause injury.</p> <p>BASF has not tested all varieties and cultivars with all possible tank mix combinations and rates of additives or adjuvants. Local environmental conditions also influence crop tolerance and may not match those under which BASF has conducted testing. Physical incompatibility, reduced disease control, or crop injury may result from mixing <b>BAS 536 00 F</b> with other products.</p> <p>The user assumes all risks associated with adding products to the <b>BAS 536 00 F</b> spray solution. BASF cannot be held responsible for crop injury, reduced disease control or incompatibility due to additives, adjuvants or other products used in combination with <b>BAS 536 00 F</b>. Refer also to the <b>Conditions of Sale and Warranty</b> section of this label.</p> <p>To minimize the likelihood of crop injury, BASF recommends testing <b>BAS 536 00 F</b> in combination with other products for crop safety on a small portion of the crop. However, environmental variability precludes direct and consistent projection of small area test results to future use.</p> <p>Consult a BASF representative for more information concerning additives or adjuvants.</p> <p>For more information, see Section III. <b>Additives and General Tank Mixing Information.</b></p> <p><b>Resistance Management:</b> To limit the potential for development of resistance, do not make more than five (5) applications of <b>BAS 536 00 F</b> or other <b>Group 11</b> or <b>15</b> fungicides per season. For control of late blight, do not make more than one (1) application of <b>BAS 536 00 F</b> before alternating to a labeled fungicide with a different mode of action. For control of diseases other than late blight, do not make more than two (2) sequential applications of <b>BAS 536 00 F</b> before alternating to a labeled fungicide with a different mode of action. If late blight develops during a spray program for these diseases, immediately rotate to a fungicide with a different mode of action. See <b>Application Directions</b> above.</p> |   |                          |   |                         |  |

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BAS 530 00 F fungicide

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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 use of the product in a manner inconsistent with its labeling, all of which are beyond the control of BASF CORPORATION ("BASF") or the Seller. All such risks shall be assumed by the Buyer.

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