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4-22-2005

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U.S. ENVIRONMENTAL PROTECTION AGENCY

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

EPA Reg. Number: 241-427

Date of Issuance: APR 22 2005

Terms of Issuance: Conditional

Name of Pesticide Product: Forum™ Fungicide

NOTICE OF PESTICIDE:

- XX Registration
Reregistration
(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

BASF Corporation
P.O. Box 13528
Research Triangle Park, NC 27709-3528

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce.

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.

This product is conditionally registered in accordance with FIFRA Section 3(c)(7)(A) provided that you

- 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.
2. Make the following label change before you release the product for shipment:
a. Revise the EPA Registration Number to read "EPA Reg. No. 241-427"
b. On page 16 in the third paragraph of the section TOBACCO USE RESTRICTIONS, change "mefanoxam" to "mefenoxam"
c. In the second paragraph of the DISCLAIMER on page 16, change "BASF shall not be responsible...." to "To the extent allowable under state law, BASF shall not be responsible...."
3. Submit one copy of the final printed label before releasing the product for shipment.

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. The revised Confidential Statement of Formula dated March 30, 2005 is acceptable. A copy of the Agency's Product Chemistry Review dated April 4, 2005 is enclosed for your records.

Signature of Approving Official:

Date:

Mary L. Waller

4/22/05

Mary L. Waller, Product Manager (21)
Fungicide Branch, Registration Division

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FORUM™ fungicide (Group 15 Fungicide)

For Use in Bulb Vegetables, Cucurbit Vegetables, Fruiting Vegetables, Leafy Brassica Greens, Hops, Lettuce, Potatoes, Taro, Tobacco and Field Grown Tomatoes

ACTIVE INGREDIENT:	
Dimethomorph*.....	43.1 %
INERT INGREDIENTS:	<u>56.9 %</u>
TOTAL:	100.0%

*Equivalent to 4.18 pounds dimethomorph per gallon.

EPA Reg. No. 241-XXX

U.S. Patent No. 5,952,496

EPA Est. No. XXXXXXXX

KEEP OUT OF REACH OF CHILDREN

CAUTION!/PRECAUCION

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.)

In case of an emergency endangering life or property involving this product, call day or night 800-832-HELP.

See inside for Additional Precautionary Statements

BASF Corporation
26 Davis Drive
Research Triangle Park, NC 27709

BASF

Net Contents:

™ Trademark of BASF.

**ACCEPTED
with COMMENTS
In EPA Letter Dated:**

APR 22 2005

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

241-427

FIRST AID

If Swallowed: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

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

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. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco. Remove and wash contaminated clothing before reuse.

Personal Protection Equipment (PPE):

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for 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 polyethylene or polyvinyl chloride
- shoes plus socks

Follow 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.

User Safety Recommendations:

User 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

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 when cleaning equipment or disposing of equipment washwaters.

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 when wind conditions favor drift.

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 12 hours.

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, wear:

- long-sleeved shirt and long pants
- chemical resistant gloves made of any waterproof material, such as polyethylene or polyvinyl chloride.
- shoes plus socks

STORAGE AND DISPOSAL

DO NOT contaminate water, food or feed by storage or disposal.

Storage:

Store in a cool, well-ventilated area. DO NOT allow to become overheated in storage. Keep container closed when not in use.

Pesticide Disposal:

Wastes resulting from the use of this product may be disposed of on-site or at an approved waste disposal facility.

Container Disposal: Triple rinse (or equivalent), then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, by incineration or, if allowed by State and local authorities by burning. If burned, stay out of smoke.

GENERAL INFORMATION

THIS LABELING MUST BE IN THE POSSESSION OF THE USER AT THE TIME OF FUNGICIDE APPLICATION. Do not apply this product through any type of irrigation system unless the label instructions on chemigation are followed. See below for Chemigation Use Directions.

FORUM should be used in a preventative spray program to manage the target diseases. Maximum results can only be achieved by thorough plant coverage. FORUM must be used in accordance with this label. It is recommended that this product be used within an Integrated Pest Management Program

Fungus strains have developed resistance to some fungicides after repeated use. Since the development of resistance cannot be predicted, FORUM should always be used in a resistance management program. Tank mixing and thorough spray coverage are necessary to minimize the development of fungus strains with resistance to FORUM.

In order to reduce the risk of the development of fungicide resistance, FORUM must be used as a tank-mix with a fungicide that has a different mode of action (non-group 15 fungicides) and is effective against the pathogen of concern.

Forum is not for use in greenhouse or transplant production.

The use of FORUM in all tobacco transplant production systems (including greenhouse, float-beds, and traditional ground beds) is STRICTLY PROHIBITED. DO NOT use FORUM in transplant water.

Carefully read, understand, and follow all directions and precautions.

Disease pressure, plant growth rate, and environmental conditions will determine the length of the spray interval and the rate of FORUM. Consult local disease forecast advisory system recommendations to determine the predicted disease pressure and the associated application rates and intervals. Sprayers should be properly calibrated before application. Determine the size of the area to be sprayed and the output rate to determine the quantities of FORUM and water needed for accurate application. Apply material with adequate spray pressure, water volume, and proper nozzle arrangement to provide full coverage.

Mode of Action:

Dimethomorph, the active ingredient of Forum, belongs to the group of cell wall synthesis inhibitors, classified by the U.S. EPA and Canada PMRA as Target Site of Action **Group 15 Fungicides**.

Resistance Management

Forum contains dimethomorph, a **group 15** fungicide, and is effective against pathogens resistant to fungicides with modes of action different from **group 15**. Fungal isolates resistant to **group 15** fungicides may eventually dominate the fungal population if **group 15** fungicides are used predominantly and repeatedly in the same field in successive years as the primary method of control for the targeted pathogen species. This may result in reduction of disease control by Forum or other **group 15** fungicides.

To maintain the performance of Forum in the field, do not exceed the total number of sequential applications of Forum and the total number of applications of Forum per season stated in the DIRECTIONS FOR APPLICATION section. Adhere to the label instructions regarding the consecutive use of Forum or other target site of action **group 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:** Use tank mixtures with fungicides from different target site of action Groups that are registered/permited 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:** FORUM 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. Forum 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 15 target site fungicide, such as Forum, appears to be less effective against a pathogen that it previously controlled or suppressed, contact a BASF representative, local extension specialist, or certified crop advisor for further investigation.

ADDITIVES AND GENERAL TANK MIXING INFORMATION

FORUM can be tank mixed with most recommended fungicides, insecticides, herbicides, liquid fertilizers, biological control products, adjuvants, and additives as specified in the crop specific recommendations in the DIRECTIONS FOR APPLICATION section of this label. Under some conditions, the use of additives or adjuvants may improve the performance of FORUM. 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 FORUM 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.

MIXING INSTRUCTIONS

Fill the spray tank until it is approximately 1/2 full with clean water. Shake the FORUM container well, then slowly add FORUM to the spray tank while agitating. Agitation must be engaged prior to the addition of the product to obtain a complete and uniform mixture of FORUM.

Limit amount of spray mixture prepared to that needed for immediate use.

Mixing Order:

- 1) Water: Begin by agitating a thoroughly clean sprayer tank half full of clean water.
- 2) 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: (wettable powders, dry flowables, suspension concentrates (including FORUM), or suspo-emulsions)
- 4) Water-soluble products
- 5) Emulsifiable concentrates: (oil concentrate or methylated seed oil when applicable)
- 6) Water-soluble additives: (ammonium sulfate or urea ammonium nitrate when applicable)
- 7) Remaining quantity water

Maintain maximum constant agitation during application. Thorough agitation is required if the mixture is allowed to stand for a prolonged period of time.

COMPATIBILITY

The tank mixing behavior of this fungicide with other pesticides has not been fully investigated. If tank mixing with other pesticides is desirable, conduct a jar test with rates and volumes of carrier typically used in an agricultural application. Look for signs of separation, globules, sludge, flakes or other precipitates. **DO NOT** tank mix with the other pesticide if the jar test with FORUM has indicated incompatibility.

TANK MIXES WITH FUNGICIDES

DO NOT apply FORUM alone. FORUM must be used in a tank-mix with a fungicide that has a different mode of action (non-group 15 fungicides) and is effective against the pathogen of concern. Refer to the respective tank-mix partner labeling for rates, methods of applications, proper timing, restrictions and precautions. Always use in accordance with the more restrictive label restrictions and precautions. Do not use a pesticide product that contains a prohibition against tank mixing.

AERIAL SPRAY APPLICATIONS

Aerial application is permitted for all labeled crops **except hops.**

Prior to aerial application, check the aircraft for uniformity of spray pattern, spray swath width and output. If hollow cone or whirlplate nozzles are used, it is recommended that they be positioned straight down or slightly backwards. When using nozzles that produce relatively straight streams (e.g., D-series orifice with no core),

the recommended positioning is straight back or slightly down from back. Uniformly apply with properly calibrated aerial equipment in 5 or more gallons of water per acre. If foliage is dense, use an output that will ensure optimum fungicide penetration. Spray swaths should be marked using flaggers who are in completely enclosed vehicles, by counting rows, or by using some other marking device.

DO NOT apply when weather conditions favor drift.

CHEMIGATION USE DIRECTIONS

FORUM can be applied prior to the onset of disease infection on a regular protectant spray schedule, not an irrigation schedule. Chemigation applications must be made according to the crop specific spray schedule interval recommendation in the DIRECTIONS FOR APPLICATION section of this label, and may depend on disease pressure and environmental conditions. Consult local disease control advisory system recommendations to determine the predicted disease pressure and the associated application rates and intervals. Chemigation applications may need to be supplemented with ground or aerial applications if irrigation cycles are less frequent than what is recommended on the label to obtain optimum control.

Apply FORUM fungicide only through sprinkler irrigation systems including center-pivot, lateral move, side (wheel) roll, solid set, or hand move irrigation systems. DO NOT apply 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.

The irrigation system must be correctly calibrated (with water only) to ensure that the recommended rate of FORUM is applied.

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. 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.

Chemigation systems connected to public water systems must contain a functional reduced-pressure zone (RPZ), backflow preventer 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.

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.

The system should have properly working nozzles providing the recommended output and pattern. The chemigation system should also be free of leaks.

Overhead Sprinkler Irrigation System Requirements

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 back flow.
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, or in cases where there is no water pump, when the water pressure decreases to the point where pesticide distribution is adversely affected.
- 5. The irrigation line or water pump must include a functional pressure switch that will stop the water pump motor when the water pressure decreases to the point that 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 FORUM to the system for injection.
- 3. Check the metering pump periodically to confirm that FORUM 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 oil 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 pressures 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 FORUM fungicide required to treat area.
- 5. Add the required amount of FORUM fungicide 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 FORUM fungicide 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 FORUM fungicide required to treat the area.

4. Add the required amount of FORUM fungicide 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 pressures recommended by the manufacturer of the injection equipment and use for the time interval established during calibration.
7. Inject FORUM fungicide 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 FORUM fungicide solution has cleared the last sprinkler head.

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DIRECTIONS FOR APPLICATION

Maximum benefit of FORUM from foliar applications requires thorough coverage of the plant. To obtain thorough coverage of foliage, use proper spray pressure and a minimum of 20 gallons per acre for ground applications and 5 gallons per acre for aerial applications.

Crop	Target Disease	Use Rate: Oz Product / Acre / Application	General Recommendations	Restrictions
Bulb Vegetables: Garlic Garlic, great-headed Leek Onion, dry bulb Onion, green Onion, Welch Shallot	Downy Mildew (<i>Peronospora destructor</i>)	6	<p>FORUM must be applied as a tank mix with another fungicide that has a different mode of action (non-group 15 fungicides). Do not make more than two sequential applications of FORUM before alternating to another fungicide with a mode of action different from FORUM (non-group 15 fungicides) for at least one application.</p> <p>Begin applications when conditions favor disease development. Continue applications on a 5-7 day spray schedule as needed until weather conditions favoring infection and sporulation decrease.</p>	<p>DO NOT make more than 5 applications per season.</p> <p>DO NOT exceed 30 oz per acre per growing season.</p> <p>DO NOT use less than 20 gallons of water per acre for ground applications and 5 gallons per acre for aerial applications.</p> <p>Bulbs or leaves may be harvested on the day of the last application after sprays have dried.</p>
Cucurbit Vegetables: Cantaloupe Chayote Chinese waxgourd Citron melon Cucumber Gherkin Gourd, edible Melon <i>Momordica spp.</i> Muskmelon Pumpkin Squash, summer Squash, winter Watermelon	Downy Mildew (<i>Pseudoperonospora cubensis</i>)	6	<p>FORUM must be applied as a tank mix with another fungicide that has a different mode of action (non-group 15 fungicides). Do not make more than two sequential applications of FORUM before alternating to another fungicide with a mode of action different from FORUM (non-group 15 fungicides) for at least one application.</p> <p>Begin applications prior to the onset of disease infection. Continue applications on a 5-10 day spray schedule. Use shorter spray intervals when disease pressure is higher.</p>	<p>DO NOT make more than 5 applications per season.</p> <p>DO NOT exceed 30 oz per acre per growing season.</p> <p>DO NOT use less than 20 gallons of water per acre for ground applications and 5 gallons per acre for aerial applications.</p> <p>Cucurbits may be harvested on the day of the last application after sprays have dried.</p>
	Phytophthora Blight or Crown Rot (<i>Phytophthora capsici</i>)	6	<p>FORUM must be applied as a tank mix with another fungicide that has a different mode of action (non-group 15 fungicides). Do not make more than two sequential applications of FORUM before alternating to another fungicide with a mode of action different from FORUM (non-group 15 fungicides) for at least one application.</p> <p>Begin applications when plants are 4-6 inches high or prior to the onset of disease infection and spray to runoff. Applications should be made on a 5-7 day spray schedule under higher disease pressure and on a 7-10 day spray schedule under low to moderate disease pressure.</p>	
Crop	Target Disease	Use Rate:	General Recommendations	Restrictions

		Oz Product / Acre / Application		
<p>Fruiting Vegetables (except Tomato)*</p> <p>Eggplant Ground cherry Pepino Pepper (all varieties) Tomatillo</p>	<p>Suppression only Phytophthora blight (<i>Phytophthora capsici</i>)</p>	<p>6</p>	<p>FORUM must be applied as a tank mix with another that has a different mode of action (non-group 15 fungicides). Do not make more than two sequential applications of FORUM before alternating to another fungicide with a mode of action different from FORUM (non-group 15 fungicides) for at least one application.</p> <p>Begin applications when plants are 4-6 inches high and prior to the onset of disease infection. Apply on a 5-10 day spray schedule. Prior to the onset of conditions favoring infection, apply every 7-10 days. When environmental conditions have been conducive for diseases, or when disease has been detected within the field or nearby, a 5-7 day schedule is recommended.</p> <p>Apply spray to runoff.</p>	<p>DO NOT make more than 5 applications per season.</p> <p>DO NOT exceed 30 oz per acre per growing season.</p> <p>DO NOT use less than 20 gallons of water per acre for ground applications and 5 gallons per acre for aerial applications.</p> <p>May be harvested the day of the last application, after spray has dried.</p> <p>* - Not registered for use on these crops in California</p>
<p>Leafy Brassica Greens*</p>	<p>Suppression only Downy Mildew (<i>Peronospora parasitica</i>)</p>	<p>6</p>	<p>FORUM must be applied as a tank mix with another fungicide that has a different mode of action (non-group 15 fungicides). Do not make more than two sequential applications of FORUM before alternating to another fungicide with a mode of action different from FORUM (non-group 15 fungicides) for at least one application.</p> <p>Begin applications when conditions favor disease development. Continue applications on a 7 day spray schedule as needed until weather conditions favoring infection and sporulation decrease.</p>	<p>DO NOT make more than 5 applications per season.</p> <p>DO NOT exceed 30 oz per acre per growing season.</p> <p>DO NOT use less than 20 gallons of water per acre for ground applications and 5 gallons per acre for aerial applications.</p> <p>Greens may be harvested on the day of the last application after the spray has dried.</p> <p>* - Not registered for use on these crops in California</p>
<p>Hops</p>	<p>Downy Mildew (<i>Pseudoperonospora humuli</i>)</p>	<p>6</p>	<p>FORUM must be applied as a tank mix with another fungicide that has a different mode of action (non-group 15 fungicides). Applications of FORUM must be alternated with at least one application of a fungicide with a mode of action different from FORUM (non-group 15 fungicides).</p> <p>Use FORUM as a preventive foliar spray before infection occurs. The application interval for FORUM is 10 days.</p>	<p>DO NOT make more than 3 applications per season.</p> <p>DO NOT exceed 18 oz per acre per growing season.</p> <p>DO NOT use less than 20 gallons of water per acre.</p> <p>DO NOT apply within 7 days of harvest.</p> <p>DO NOT make aerial applications to hops.</p>
<p>Crop</p>	<p>Target Disease</p>	<p>Use Rate: Oz Product / Acre / Application</p>	<p>General Recommendations</p>	<p>Restrictions</p>

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Lettuce (head and leaf)	Downy Mildew (<i>Bremia lactucae</i>)	6	<p>FORUM must be applied as a tank mix with another fungicide that has a different mode of action (non-group 15 fungicides). Do not make more than two sequential applications of FORUM before alternating to another fungicide with a mode of action different from FORUM (non-group 15 fungicides) for at least one application.</p> <p>Begin applications prior to the onset of disease infection. Continue applications on a 5-10 day spray schedule. Use shorter spray intervals when disease pressure is higher.</p>	<p>DO NOT make more than 5 applications per season.</p> <p>DO NOT exceed 30 oz per acre per growing season.</p> <p>DO NOT use less than 20 gallons of water per acre for ground applications and 5 gallons per acre for aerial applications.</p> <p>Plants may be harvested on the day of the last application after sprays have dried.</p>
Potato	Late Blight (<i>Phytophthora infestans</i>)	4 - 6	<p>FORUM must be applied as a tank mix with another fungicide that has a different mode of action (non-group 15 fungicides). Do not make more than two sequential applications of FORUM before alternating to another fungicide with a mode of action different from FORUM (non-group 15 fungicides) for at least one application.</p> <p>Applications should begin prior to the onset of disease infection and based on the recommendation of the local late blight advisory system. Apply on 5-10 day application intervals. Disease pressure and environmental conditions should determine application rates and spray intervals. Use higher rates and shorter spray intervals when disease pressure is higher. Consult local late blight advisory system recommendations to determine the predicted levels of disease pressure and the associated application rates and intervals.</p> <p>Apply spray to obtain thorough and complete plant coverage.</p> <p>FORUM may be applied after vine kill.</p>	<p>DO NOT exceed 30 oz per acre per growing season.</p> <p>DO NOT use less than 20 gallons of water per acre for ground applications and 5 gallons per acre for aerial applications..</p> <p>DO NOT apply within 4 days of harvest in all states.</p>
Crop	Target Disease	Use Rate: Oz Product / Acre / Application	General Recommendations	Restrictions

Potato	Suppression only Tuber Blight (<i>Phytophthora infestans</i>)	6	When used according to label recommendations for Late Blight control, FORUM can also reduce tuber blight. To maximize activity against tuber blight, begin fungicide applications before disease onset occurs and in accordance with local late blight advisory system recommendations. Also, maintain regular application schedules and obtain thorough plant coverage. FORUM must be applied as a tank mix with another fungicide that has a different mode of action (non-group 15 fungicides). Do not make more than two sequential applications of FORUM before alternating to another fungicide with a mode of action different from FORUM (non-group 15 fungicides) for at least one application. FORUM may be applied after vine kill.	
Taro*	Suppression only Phytophthora rot and leaf blight (<i>Phytophthora</i> spp.)	6	FORUM must be applied as a tank mix with another fungicide with a different mode of action (non-group 15 fungicides). Do not make more than two sequential applications of FORUM before alternating to another fungicide with a mode of action different from FORUM (non-group 15 fungicides) for at least one application. Begin applications when conditions favor disease development. Continue applications on a 7 day spray schedule as needed until weather conditions favoring infection and sporulation decrease.	DO NOT make more than 5 applications per season. DO NOT exceed 30 oz per acre per growing season. DO NOT use less than 20 gallons of water per acre for ground applications and 5 gallons per acre for aerial applications. DO NOT apply within 7 or 30 days of harvest for the greens and corms, respectively. * - Not registered for use on these crops in California
Tobacco	Blue Mold (<i>Peronospora tabacina</i>)	2 - 8 ground 8 air	See specific use directions in the section titled DIRECTIONS FOR USE IN FIELD GROWN TOBACCO FORUM must be applied as a tank mix with another fungicide that has a different mode of action (non-group 15 fungicides).	DO NOT exceed 30 oz per acre per growing season. DO NOT exceed 8 oz per acre per application Tobacco may be harvested the day of the last application, after spray has dried.
Crop	Target Disease	Use Rate: Oz Product / Acre / Application	General Recommendations	Restrictions

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<p>Tomato - Non-staked</p>	<p>Late Blight <i>(Phytophthora infestans)</i></p>	<p>6</p>	<p>FORUM must be applied as a tank mix with another fungicide that has a different mode of action (non-group 15 fungicides). Do not make more than two sequential applications of FORUM before alternating to another fungicide with a mode of action different from FORUM (non-group 15 fungicides) for at least one application. Begin applications when plants are 4-6 inches high and prior to the onset of disease infection. Apply on a 5-10 day spray schedule. Prior to the onset of conditions favoring infection, apply every 7-10 days. When environmental conditions have been conducive for diseases, or when disease has been detected within the field or nearby, a 5-7 day schedule is recommended.</p> <p>Apply spray to obtain thorough and complete plant coverage.</p>	<p>DO NOT exceed 30 oz per acre per growing season.</p> <p>DO NOT use less than 20 gallons of water per acre for ground applications and 5 gallons per acre for aerial applications.</p> <p>DO NOT apply within 4 days of harvest in all states.</p>
<p>Tomato - Staked</p>	<p>Late Blight <i>(Phytophthora infestans)</i></p>	<p>6</p>	<p>FORUM must be applied as a tank mix with another fungicide that has a different mode of action (non-group 15 fungicides). Do not make more than two sequential applications of FORUM before alternating to another fungicide with a mode of action different from FORUM (non-group 15 fungicides) for at least one application. Begin applications when plants are 4-6 inches high and prior to the onset of disease infection. Apply on a 5-10 day spray schedule. Prior to the onset of conditions favoring infection, apply every 7-10 days. When environmental conditions have been conducive for diseases, or when disease has been detected within the field or nearby, a 5-7 day schedule is recommended.</p> <p>For ground application use a minimum of 20 gallons of spray volume 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. For aerial applications, follow the directions for non-staked tomatoes above.</p> <p>Apply spray to obtain thorough and complete plant coverage.</p>	<p>DO NOT apply more than 30 oz per acre per growing season.</p> <p>DO NOT use less than 20 gallons of water per acre for ground applications.</p> <p>DO NOT apply within 4 days of harvest in all states.</p>

* - Not registered for use on these crops in California

DIRECTIONS FOR USE IN FIELD GROWN TOBACCO

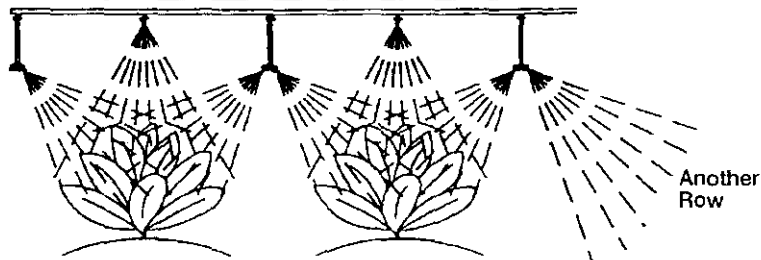
ACCEPTABLE CONTROL OF BLUE MOLD AND MANAGEMENT OF FUNGICIDE RESISTANCE WITH FORUM REQUIRES THOROUGH COVERAGE TO LEAF SURFACES THROUGHOUT THE ENTIRE PLANT CANOPY.

The use of FORUM in all tobacco transplant production systems (including greenhouse, float-beds, and traditional ground beds) is STRICTLY PROHIBITED. DO NOT use FORUM in transplant water.

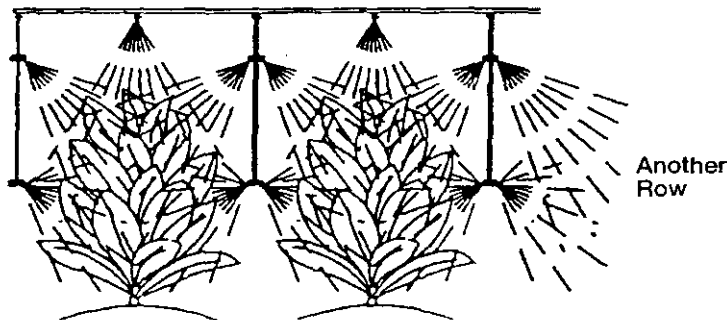
TRACTOR-DRIVEN SPRAYER APPLICATIONS TO TOBACCO

To obtain thorough coverage of the foliage, use proper spray pressure, fungicide nozzles (such as hollow cones), proper nozzle spacing (nozzles over the row and multiple nozzles on the drops, SEE DIAGRAM below), and slow tractor speed. The following diagram outlines the correct spray nozzle configuration for field applications in tobacco.

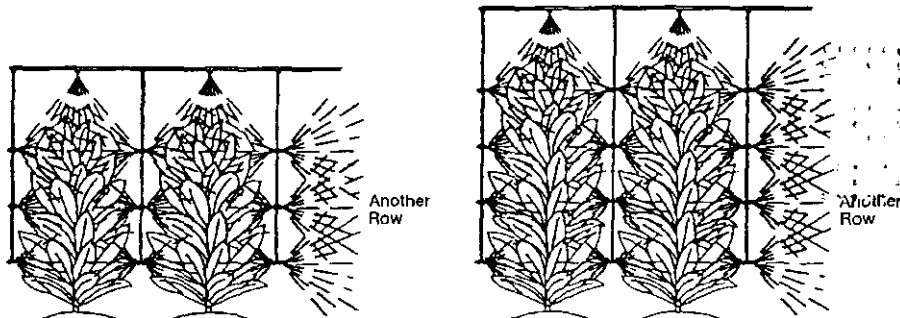
Application Following Transplanting Up To 3 Weeks



Application To Mid - Size Plants (3-5 Weeks After Transplanting)



Application To Large Plants (6 Weeks After Transplanting Up To Topping)



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BACKPACK SPRAYER APPLICATIONS TO TOBACCO

FORUM can be applied with backpack mist blowers or air-blast blowers. DO NOT apply with hand-pumped backpack sprayers due to low pressures and poor plant coverage. Spray to foliar run-off. Thorough plant coverage is essential for preventative control of blue mold.

TANK MIXES WITH OTHER PRODUCTS

The crop safety and tank mix compatibility of tank mixes of Forum with insecticides have not been fully investigated. Refer to the ADDITIVES AND GENERAL TANK MIXING INFORMATION section on page 5 for additional details and precautions.

DO NOT mix FORUM with surfactants, foliar fertilizers, household bleach, or sucker control materials when making applications to tobacco.

Application Timing, Rates and Spray Volumes To Control Blue Mold in Tobacco

Weeks of Growth After Transplant	Rate of FORUM (Oz. of Product)	Spray Volume for Tractor-Driven Sprayer (Gallons/Acre)	Spray Volume for Backpack Sprayer (Gallons/Acre)
Recently transplanted to 3 weeks after transplanting	2	20	10
3-4 Weeks after transplanting (Knee High)	3	40	20
4-5 Weeks after transplanting (Waist High)	4	60	30
6-7 Weeks after transplanting (Chest High)	6	80	40
7 Weeks after transplanting and beyond (Shoulder Height Up to Topping)	7	100	50

AERIAL SPRAY APPLICATIONS TO TOBACCO

Aerial applications can be used by growers who have limitations with ground applications, or when weather conditions are unfavorable for timely applications by ground. Aerial sprayers should be properly calibrated before application. Determine the area to be sprayed and the output rate to determine the quantities of FORUM and water needed for accurate application. To obtain thorough coverage of the foliage, use a minimum of 15 gallons per acre, with nozzle positioning and orientation that favors plant coverage while minimizing drift.

For aerial applications, use 8 oz. of FORUM per acre for applications at all growth stages. DO NOT use rates lower than 8 oz. of FORUM per acre for aerial application.

APPLICATION TIMING AND FREQUENCY IN TOBACCO

Begin applications when the **Blue Mold Advisory** states that conditions favor development of blue mold, and before the onset of disease infection. Continue applications on a 5-7 day spray schedule until weather conditions favoring infection and sporulation decrease.

TOBACCO USE RESTRICTIONS

DO NOT exceed 8 oz./acre per application. **DO NOT** exceed 30 oz./acre of FORUM per season for all types of applications. FORUM preharvest interval is zero days. Refer to tank-mix partner labeling for preharvest interval restrictions.

The use of FORUM in all tobacco transplant production systems (including greenhouses, float-beds, and traditional ground beds) prior to transplanting is **STRICTLY PROHIBITED**.

To reduce the possibility of developing tobacco blue mold resistance to both FORUM and to mefenoxam products, the tank mixing of FORUM with mefenoxam products is **STRICTLY PROHIBITED**. **DO NOT** use FORUM in transplant water.

Blue mold fungal strains have developed resistance to some crop protection products after repeated use. Since the development of resistance cannot be predicted, FORUM should always be used in a blue mold resistance management program. Tank mixing with non-group 15 fungicides and thorough spray coverage are necessary to minimize the development of blue mold strains with resistance to FORUM.

ROTATIONAL CROP GUIDELINES

After making the last FORUM application, rotational crops may be planted at the following intervals:

1. Any time

Potatoes, Tomatoes, Tobacco, Bulb Vegetables, Cucurbit Vegetables, Hops, Fruiting Vegetables, Lettuce (head and leaf), Leafy Brassica Greens and Taro.

2. One month

Barley, Oats, Wheat
Leafy vegetables, such as spinach, and celery
Brassica vegetables, such as broccoli, cabbage, and cauliflower
Root/tuber vegetables, such as carrot, radish, and sugar beet

3. Seven months

Alfalfa	Peas
Beans	Rice
Clover	Sorghum
Corn	Soybeans

4. Twelve months

All other crops

DISCLAIMER

The label instructions for the use of this product reflect the opinion of experts based on research and field use. 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 use of, or application of the product contrary to label instructions, all of which are beyond the control of BASF Corporation (BASF). All such risks shall be assumed by the user.

BASF shall not be responsible for losses or damages resulting from use of this product in any manner not set forth on this label. User assumes all risks associated with the use of this product in any manner not specifically set forth on this label.

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USES WITH OTHER PRODUCTS (TANK MIXES)

If this product is used in combination with any other product except as specifically recommended in writing by BASF, then BASF shall have no liability for any loss, damage, or injury arising out of its use in any such combination not so specifically recommended. If used in a combination recommended by BASF, the liability of BASF shall in no manner extend to any damage, loss or injury not directly caused by the inclusion of the BASF product in such combination use, and in any event shall be limited to return of the amount of the purchase price of the product.

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