

42750-141

09/28/2007

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Morris Gaskins  
Registrations Manager  
Albaugh, Inc.  
P.O. Box 2127  
Valdosta, GA 31604

SEP 28 2007

Dear Mr. Gaskins:

SUBJECT: Myclobutanil 40WP AG,  
EPA Registration Number 42750-141  
Your submission dated May 22, 2007  
OPPIN Decision Number 380056

The amendment referred to above, submitted in connection with registration under section (3) of the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA) is acceptable provided you make the following changes:

**Page 1 – Ingredient Statement:**

Line up the percentages of active ingredient, inert ingredient and "total" so that the decimal points fall along the same vertical line.

**Page 4 – Rotation Crops:**

Change the heading "Rotation Crops" to "Rotational Crops"

**Pages 7 through 16 - Application rate tables with split rows:**

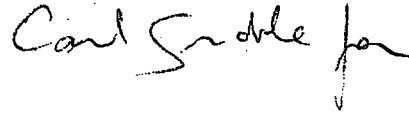
Format these tables so that each row appears complete on one page. In other words, do not break up rows vertically between pages so that the top half of the row text is on the bottom of one page and the bottom half is at the top of the following page.

Please submit one copy of the final printed labeling before the product is released for shipment. A stamped copy of the label is enclosed for your records

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If you have any questions, please contact Lisa Jones on my team by phone at (703) 308-9424 or by e-mail at [jones.lisa@epa.gov](mailto:jones.lisa@epa.gov).

Sincerely,



Mary L. Waller  
Product Manager (21)  
Fungicide Branch  
Registration Division (7505P)

Enclosure: Stamped label

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MYCLOBUTANIL 40WP AG  
Fungicide

ACTIVE INGREDIENT

Myclobutanil: a-butyl-a-(4-chlorophenyl)-1H-1,2,4, triazole-1-propanenitrile .....	40%
OTHER INGREDIENTS: .....	60%
TOTAL: .....	100%

KEEP OUT OF REACH OF CHILDREN

WARNING                      AVISO

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

FIRST AID

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

IF 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 do so 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.

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

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

You may also contact CHEMTREC toll free at 1-800-424-9300 day or night, for emergency treatment information.

EPA Reg. No. 42750-141

EPA Est. No. xxxxxx-xx-xxx

NET CONTENTS: 4 x 4 oz.

**ACCEPTED  
with COMMENTS  
In EPA Letter Dated:  
SEP 28 2007**

Manufactured For:  
ALBAUGH, INC.  
P.O Box 2127  
VALDOSTA, GA 31604-2127

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

42750-141

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PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING

Causes substantial but temporary eye injury. Harmful if inhaled, swallowed or absorbed through skin. Do not get in eyes or on clothing. Wear goggles, face shield, or safety glasses. 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 PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- 1. Long-sleeved shirt and long pants
- 2. Chemical-resistant gloves made of any waterproof material
- 3. Shoes plus socks
- 4. Goggles, face shield, or safety glasses

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.

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:

- 1. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- 2. Remove PPE immediately after handling this product.
- 3. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

Do not apply directly to water or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters. Do not apply when weather conditions favor drift or runoff from areas treated.

Agricultural Chemical: Do not ship or store with food, feeds, drugs or clothing.

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.

#### 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 24 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:

1. Coveralls
2. Chemical-resistant gloves made of any waterproof material
3. Shoes plus socks
4. Goggles, face shield, or safety glasses

#### STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Store in a cool dry area above freezing. The water-soluble pouch may become brittle at storage temperatures below 32°F, but the fungicide is not affected. Do not remove the water-soluble pouches from the container except for immediate use.

**PESTICIDE DISPOSAL:** Wastes resulting in the use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER DISPOSAL:** Completely empty container into application equipment. 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.

**Steps to be Taken in Case Material is Released or Spilled:** Wear eye protection. Wear protective clothing. Spray water on powder and dust. Scoop or shovel solid material into a suitable container for recovery or disposal. Keep dust to a minimum. Flush contaminated area with a large amount of water to a chemical or sanitary sewer containing a settling pit. Remove contaminated clothing promptly and wash affected skin areas with soap and water. Thoroughly launder clothing before reuse. Refer to Precautionary Statements promptly and wash affected skin areas with soap and water.

#### GENERAL USE INFORMATION

Read all Directions for Use carefully before applying.

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MYCLOBUTANIL 40WP AG fungicide is a systemic, protectant and curative fungicide recommended for the control of specific diseases mentioned on this label. Optimum disease control is achieved when the fungicide is applied in a regularly scheduled preventative spray program.

#### Handling

MYCLOBUTANIL 40WP AG is packaged in water-soluble pouches. Do not allow pouches to become wet prior to adding to the spray tank. Do not handle the pouches with wet hands or wet gloves. Always reseal overwrap bag to protect remaining unused pouches. Do not remove water-soluble pouches from overwrap except to add directly to the spray tank.

#### Use Rate Determination

Carefully read, understand and follow label use rates and restrictions. Under low disease conditions, minimum label use rates per application can be used while maximum label rates and shortened spray schedules are recommended for severe or threatening disease conditions. For proper application, determine the number of acres to be treated, the recommended label use rate and the gallonage to be applied per acre. Prepare only the amount of spray solution required to treat the measured acreage. Careful calibration of spray equipment is recommended prior to use.

#### Rotation Crops

Crops on this label may be planted immediately after the last treatment. Do not plant other crops within 30 days after the last application.

#### Application

##### Ground:

Thorough coverage sprays generally result in optimum disease control. To achieve good coverage use proper spray pressure, gallonage per acre, nozzles, nozzle spacing and tractor speed. Consult spray nozzle and accessory catalogues for specific information on proper equipment calibration.

##### Aerial:

Apply in a minimum of 10 gallons of water per acre. Avoid application under conditions when uniform coverage cannot be obtained or when excessive spray drift may occur.

### CHEMIGATION USE DIRECTIONS

#### Sprinkler Irrigation

MYCLOBUTANIL 40WP AG must be applied on a regular protectant fungicide schedule, not an irrigation schedule. If irrigation cycles are less frequent than the recommended application intervals for MYCLOBUTANIL 40WP AG, ground or aerial applications must supplement chemigation applications to achieve adequate disease control.

- Apply MYCLOBUTANIL 40WP AG only through sprinkler irrigation systems including center-pivot, lateral move, end tow, side (wheel) roll, traveler, solid set, or hand move irrigation systems. Do not apply product through any other type of irrigation system.
- Lack of fungicidal effectiveness or illegal pesticide residues in the crop can result from nonuniform distribution of treated water.
- If you have questions about calibration, you should contact State Extension Service specialist;

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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 system 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.

Before applying MYCLOBUTANIL 40WP AG through sprinkler irrigation equipment, the chemigation system must meet the following specifications:

- 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.
- Systems not connected to a public water supply must contain a functional check valve, vacuum relief valve, and low-pressure drain appropriately located in 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, or in cases where there is no water pump, when the water pressure decreases to the point where pesticide distribution is adversely affected.
- 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 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 for treatment.

Center-pivot, Lateral Move, End Tow, and Traveler Irrigation Equipment (use only with electric or oil hydraulic drive systems, which provide a uniform water distribution):

- Determine size of area to be treated.
- Determine the time required to apply no more than 1/4 inch water (6,750 gallons water per acre) over the area to be treated when the system and injection equipment are operated at normal pressures recommended by the equipment manufacturer. Run system at 80 to 95% of manufacturer's rated capacity.
- Using only water, determine the injection pump output when operated at normal line pressure.
- Determine the amount of MYCLOBUTANIL 40WP AG required for treatment area.
- Add the required amount of MYCLOBUTANIL 40WP AG and sufficient water to meet the injection time requirements of the solution tank.
- Maintain constant solution tank agitation during the injection period.

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- Stop injection equipment after treatment is completed. Continue to operate the system until MYCLOBUTANIL 40WP AG solution has cleared the sprinkler head.

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

- Determine acreage covered by sprinkler.
- Fill injector solution tank with water and adjust flow rate to use contents over a 10 to 30 minute interval.
- Determine the amount of MYCLOBUTANIL 40WP AG required for treatment area.
- Add the required amount of MYCLOBUTANIL 40WP AG into the same quantity of water used to calibrate the injection equipment.
- Maintain constant solution tank agitation during the injection period.
- Operate system at normal pressures recommended by the manufacturer of the injection equipment and used for the time interval established during calibration.
- Inject MYCLOBUTANIL 40WP AG at the end of the irrigation cycle or as a separate application to maximize foliar fungicide retention.
- Stop injection equipment after treatment is completed. Continue to operate the system until MYCLOBUTANIL 40WP AG solution has cleared the last sprinkler head.

#### Mixing

Always place MYCLOBUTANIL 40WP AG into solution prior to adding co-applied agricultural chemicals registered for use on specific crop or crops being treated. Add the required number of unopened pouches as determined by the dosage recommendations into the spray tank with agitation. Depending on the water temperature and the degree of agitation, the pouches should dissolve completely within approximately ten minutes from the time they are added to the water.

#### Compatibility

MYCLOBUTANIL 40WP AG is compatible with most commonly used agricultural fungicides, insecticides, growth regulators, micronutrients and spray adjuvants. When preparing tank mixes, user should consult spray compatibility charts or State Cooperative Extension Service Specialists prior to actual use.

Note: MYCLOBUTANIL 40WP AG is compatible with boron and spray oils; however, the water-soluble pouches must be completely dissolved before adding spray oils or products containing boron to spray mixtures.

#### GENERAL USE DIRECTIONS FOR TREE FRUITS

Best control of labeled diseases is achieved when MYCLOBUTANIL 40WP AG is applied on a 7 to 10 day application schedule.

MYCLOBUTANIL 40WP AG is a systemic fungicide and does not redistribute with rainfall after application. Application equipment spray nozzles should be adjusted to apply a uniform spray throughout the entire tree canopy.

The following use recommendations are to be used as guidance in determining the amount of MYCLOBUTANIL 40WP AG to be used per 100 gallons spray or per acre. Refer to specific tree fruit use directions to determine actual use rates for the control of labeled diseases.

#### Determination of Use Rates on an Acre Basis

The amount of MYCLOBUTANIL 40WP AG required per acre varies with tree size and the volume of fruit



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and foliage to be treated. The following summary table may be used as additional guidance for the determination of appropriate per acre use rates for MYCLOBUTANIL 40WP AG:

TREE HEIGHT (ft)	MYCLOBUTANIL 40WP AG (oz/acre)	
	Apples and Mayhaws	Stone Fruits
10 (or less)	2.5 to 5.0	2.5 to 4.0
15	3.75 to 6.0	4.0 to 6.0
20 (or more)	5.0 to 10.0	6.0

Concentrate Spray Applications: MYCLOBUTANIL 40WP AG should be used at the recommended use rate per acre in either dilute or concentrate sprays. The following formula should be used to determine the equivalent amount of product per acre in 2X, 3X, etc. spray solutions:

$$\frac{\text{Ounces MYCLOBUTANIL 40WP AG per acre} \times 100}{\text{Gallons of spray applied per acre}} = \text{Ounces of MYCLOBUTANIL 40WP AG per 100 gallons}$$

Example: An apple orchard consisting of apple trees 18 feet in height will require 5 ounces MYCLOBUTANIL 40WP AG for adequate apple scab control. Application equipment has been calibrated to apply 80 gallons spray per acre, therefore:

$$\frac{5 \text{ ounces MYCLOBUTANIL 40WP AG per acre} \times 100}{80 \text{ gallons spray applied per acre}} = 6.25 \text{ ounces per 100 gallons}$$

Dilute, Thorough Coverage Applications: Dilute thorough coverage applications are based on the amount of spray solution required to thoroughly wet trees until spray run-off. The following specific use directions for apples and mayhaws utilizes a 400 gallon per acre dilute basis and the specific use directions for stone fruits utilize a 250 gallon per acre dilute basis.

Thorough spray coverage is essential for good disease control. MYCLOBUTANIL 40WP AG should be applied in sufficient water to insure adequate coverage.

USE DIRECTIONS FOR ALMONDS (For Use in California, Arizona and Hawaii Only)				
DISEASES	RATE OF MYCLOBUTANIL 40WP AG		USE RECOMMENDATIONS++	RESTRICTIONS
	(oz/100 gal)+	(oz/acre)		
Blossom Blight (Monilinia spp.)	1.25 to 2.0 (0.5 to 0.8 oz active)	5.0 to 8.0 (2.0 to 3.2 oz active)	Begin applications at pink bud stage (about 5% bloom). If conditions are favorable for disease development, apply again at full bloom and at petal fall.	Do not apply within 90 days of harvest.
Shothole (Stigmina spp.)				Do not make more than three applications or apply more than 1.5 lbs.

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Rust (Tranzschelia spp.)
Anthracnose (Colletotrichum spp.)

Apply 6 ounces (2.4 oz. active) per acre. Begin application approximately 8 weeks after flowering if environmental conditions are favorable for disease development. For optimum disease control, do not apply on an application schedule exceeding 21 days.
The application of MYCLOBUTANIL 40WP AG fungicide for control of blossom blight and shothole will suppress anthracnose.

+Based on a standard of 400 gallons of dilute spray per acre, or the equivalent amount of product per acre.

++Best disease control is achieved in thorough coverage sprays applied on a protectant schedule, which does not exceed 10 days.

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USE DIRECTIONS FOR GRAPES			
DISEASES	RATE OF MYCLOBUTANIL 40WP AG (OZ/ACRE)	USE RECOMMENDATIONS	RESTRICTIONS
Anthracnose (Elsinoe spp.)	3 to 5  (1.2 to 2.0 oz active)	Begin application when new shoots are 1 to 3 inches in length and continue on an application schedule, which does not exceed 14 days.	Do not apply within 14 days of harvest.  Do not apply more than 1.5 lb of MYCLOBUTANIL 40WP AG (0.6 lb active) per acre per year.
Black Rot (Guignardia spp.)		Preventative Schedule: Begin application when new shoots are 1 to 3 inches in length and continue applications on an application schedule which does not exceed 14 days. Use higher rate under heavy disease pressure.  Post Infection Schedule: Apply within 72 hours after the beginning of an infection period.	
Powdery Mildew (Uncinula spp.)		Begin application at prebloom (12 to 18-inch shoots) and do not extend applications beyond a 21-day interval.  Use higher rate or shorter spray interval on susceptible varieties or under heavy disease pressure.	

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<b>USE DIRECTIONS FOR HOPS</b>			
<b>For Use and Distribution Only in the States of Alaska, Idaho, Montana, Nevada, Oregon, Utah, Washington, and Wyoming)</b>			
<b>DISEASE</b>	<b>MYCLOBUTANIL 40WP AG (OZ/ACRE)</b>	<b>USE RECOMMENDATIONS</b>	<b>RESTRICTIONS</b>
<b>Powdery Mildew</b>  <b>(Uncinula spp.)</b>	<b>2 – 4 (0.8 to 1.6 oz active)</b>	<b>Apply every 7 - 10 days during emergence to training growth stage. Do not apply less than 2 oz of MYCLOBUTANIL 40WP AG per acre or adequate efficacy may not be achieved.</b>	<b>Do not make more than 4 applications of MYCLOBUTANIL 40WP AG per acre per season.</b>
	<b>4 – 6 (1.6 to 2.4 oz active)</b>	<b>Apply every 5 – 10 days during training to wire growth stage (prior to beginning of bloom when vines are rapidly growing). Do not apply less than 4 oz of MYCLOBUTANIL 40WP AG per acre or adequate efficacy may not be achieved.</b>	<b>Do not apply more than 2.5 lb of MYCLOBUTANIL 40WP AG (1 lb active ingredient) per acre per season.</b>  <b>Pre-Harvest Interval: Do not apply within 14 days of harvest.</b>
	<b>6 – 10 (2.4 to 4.0 oz active)</b>	<b>Apply every 7 – 10 days during wire to 14 day pre-harvest stage. Do not apply less than 6 oz of MYCLOBUTANIL 40WP AG per acre or adequate efficacy may not be achieved.</b>	<b>Do not graze livestock in treated areas or harvest crops grown in treated areas for silage or hay.</b>  <b>Chemigation: Do not apply through any type of irrigation system.</b>
<b>Apply MYCLOBUTANIL 40WP AG in sufficient water for thorough coverage using ground equipment or by air in a minimum spray volume of 10 gallons of water per acre. Thorough coverage is essential. Use the shorter spray interval on susceptible varieties or under disease pressure.</b>			
<b>Resistance Management: MYCLOBUTANIL 40WP AG belongs to the sterol demethylation inhibitor (DMI) class of fungicides and is classified as a Group 3 Fungicide by EPA. Since certain fungi can develop resistance to this class of products, the use of MYCLOBUTANIL 40WP AG should be part of a resistance management strategy that includes alternation and/or tank mixing with fungicides of different modes of action. Consult your local or state agricultural authorities for resistance management strategies that are appropriate for your disease management program.</b>			

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USE DIRECTIONS FOR PEPPERMINT AND SPEARMINT			
DISEASES	RATE OF MYCLOBUTANIL 40WP AG (OZ/ACRE)	USE RECOMMENDATIONS	RESTRICTIONS
Powdery Mildew (Erysiphe spp.) Rust (Puccinia spp.)	4 to 5 (1.6 to 2.0 oz active)	Begin application in early spring when plants break dormancy. Continue applications on a 14- to 21 -day application schedule.	Do not apply more than 15 ounces of MYCLOBUTANIL 40WP AG (0.375 lb active) per acre per growing season.  Do not apply within 30 days of harvest.

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USE DIRECTIONS FOR APPLES AND MAYHAWES			
DISEASES	RATE OF MYCLOBUTANIL 40WP AG (OZ/100 GAL) +	USE RECOMMENDATIONS	RESTRICTIONS
Powdery Mildew (Podosphaera spp.)	1.25 to 2.5 (0.5 to 1.0 oz active)	Begin application at tight cluster and continue through the second cover spray. Additional sprays beyond second cover may be needed on susceptible varieties or under heavy disease pressure. Use high label rate if powdery mildew was present in previous years.	Do not apply within 14 days of harvest.  Do not apply more than 5 pounds of MYCLOBUTANIL 40WP AG (2 lb active) per acre per season.
Rusts (Gymnosporangium spp.)	1.25 to 2.0 (0.5 to 0.8 oz active)	Begin applications at pink stage and continue through the second cover spray.	
Scab (Venturia spp.) Prebloom	1.25 to 2.0 (0.5 to 0.8 oz active)	Begin application at green tip or when environmental conditions become favorable for primary scab development. Apply MYCLOBUTANIL 40WP AG alone or tank mixed with a protectant fungicide on a 7- to 10-day schedule.	
Bloom, Postbloom	1.25 to 2.0 (0.5 to 0.8 oz active)	Use MYCLOBUTANIL 40WP AG in a tank mixture with the recommended rate of a protectant fungicide, registered for use on apples, for improved fruit scab and summer disease control	
Post Infection	2.0 (0.8 oz active)	MYCLOBUTANIL 40WP AG provides 96-hour post-infection control or curative activity. Apply as soon as possible after infection period. Follow with a standard preventative spray schedule.	

+ Based on dilute sprays with a 400-gallon per acre basis.

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USE DIRECTIONS FOR SMALL FRUITS			
DISEASES	MYCLOBUTANIL 40WP AG (OZ/ACRE)	USE RECOMMENDATIONS	RESTRICTIONS
<b>Blackberry+</b>			
Cane and Leaf Rust (Kuehneola spp.)  Orange Rust (Arthuriomyces spp.)  Powdery Mildew (Sphaerotheca spp.)  Yellow Rust (Phragmidium spp.)	1.25 to 2.5 (0.5 to 1.0 oz active)	Applications should be initiated as early as bud break and should continue at 10- to 14-day intervals, depending on the disease(s) to be controlled.  Use the shorter spray interval under heavy disease pressure.	Applications may be made up to the day of harvest.  Do not apply more than 10 ounces of MYCLOBUTANIL 40WP AG (0.25 lb active) per acre per growing season.
<b>Currant</b>			
Powdery Mildew (Sphaerotheca spp.)	5.0 (2.0 oz active)	Make applications at pre-bloom, full bloom and 2 weeks later.	Applications may be made up to the day of harvest.  Do not apply more than 40 ounces of MYCLOBUTANIL 40WP AG (1.0 lb. active) per acre per growing season.
<b>Gooseberry</b>			
Anthracnose (Drepanopeziza spp.)	5.0 (2.0 oz active)	Begin applications when the first leaf has completely unfolded, then at 10- to 14-day intervals as long as environmental conditions favor continued disease development.	Applications may be made up to the day of harvest.  Do not apply more than 40 ounces of MYCLOBUTANIL 40WP AG (1.0 lb. active) per acre per growing season.
Powdery Mildew (Sphaerotheca spp.)		Make applications at pre-bloom, full bloom and 2 weeks later.	

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USE DIRECTIONS FOR SMALL FRUITS			
DISEASES	MYCLOBUTANIL 40WP AG (OZ/ACRE)	USE RECOMMENDATIONS	RESTRICTIONS
<b>Raspberry</b>			
Cane and Leaf Rust (Kuehneola spp.)  Leaf Spot (Sphaerulina spp.)  Orange Rust (Arthuriomyces spp.)  Powdery Mildew (Sphaerotheca spp.) Yellow Rust (Phragmidium spp.)	1.25 to 2.5 (0.5 to 1.0 oz active)	Applications should be initiated as early as bud break and should continue at 10- to 14-day intervals, depending on the disease(s) to be controlled.  Use the shorter spray interval under heavy disease pressure.	Applications may be made up to the day of harvest.  Do not apply more than 10 ounces of MYCLOBUTANIL 40WP AG (0.25 lb active) per acre per growing season.
<b>Strawberry</b>			
Powdery Mildew (Sphaerotheca spp.)  Leaf Spot (Mycosphaerella spp.)  Leaf Blight (Phomopsis spp.)	2.5 to 5.0 (1.0 to 2.0 oz active)	Begin applications when disease first appears or when conditions favor disease development. Repeat applications at 14- to 21 -day intervals.	Applications may be made up to the day of harvest.  Do not apply more than 30 ounces of MYCLOBUTANIL 40WP AG (0.75 lb active) per acre per year.  Observe a 30-day plant-back interval between the last application and planting new crops at the treatment site.

+ Includes use on the following members of the berries group including varieties and/or hybrids:

bingleberry  
black satin berry  
boysenberry  
Cherokee blackberry  
Chesterberry  
Cheyenne blackberry  
Coryberry  
Darrowberry  
dewberry

Dirksen thornless berry  
Himalayaberry  
hullberry  
Lavacaberry  
lowberry  
Lucretiaberry  
mammoth blackberry  
marionberry  
Nectarberry

olallieberry  
Oregon evergreen berry  
phenomenalberry  
rangeberry  
ravenberry  
rossberry  
Shawnee blackberry  
youngberry



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**USE DIRECTIONS FOR STONE FRUIT**  
(Applications may be made up to the day harvest)

Stone Fruits - Apricots				
DISEASES	RATE OF MYCLOBUTANIL 40WP AG		USE RECOMMENDATIONS	RESTRICTIONS
	(oz/100gal)	(oz/acre)		
Brown Rot Blossom Blight (Monilinia spp.)	1.25 to 2.0 (0.5 to 0.8 oz active)	2.5 to 6.0 (1.0 to 2.4 oz active)	Begin application at early red bud stage before infection occurs. If conditions are favorable for disease development, apply again at full bloom and petal fall.	Do not apply more than 2.75 Ib of MYCLOBUTANIL 40WP AG (1.1 Ib active) per acre per season.
Brown Rot (Monilinia spp.)			Apply 6 ounces (2.4 oz active) per acre on a 7- to 14-day schedule. Applications should be made whenever environmental conditions favor disease development during the month prior to harvest.	
Powdery Mildew (Podosphaera spp.)			Follow brown rot blossom blight schedule making additional applications at 10- to 14-day intervals until terminal growth ceases.	
Shothole (Stigmina spp.)			Follow brown rot blossom blight schedule making additional applications at 7- to 10-day intervals as long as needed.	

Stone Fruits - Cherries				
DISEASES	RATE OF MYCLOBUTANIL 40WP AG		USE RECOMMENDATIONS	RESTRICTIONS
	(oz/100gal)	(oz/acre)		
Brown Rot Blossom Blight (Monilinia spp)	1.25 to 2.0 (0.5 to 0.8 oz active)	2.5 to 6.0 (1.0 to 2.4oz active)	Begin application at early popcorn stage, before infection occurs. If conditions are favorable for disease development, apply again at full bloom and petal fall.	Do not apply more than 3.25 Ib of MYCLOBUTANIL 40WP AG (1.3 Ib active) per acre per season.
Brown Rot (Monilinia spp)			Refer to Apricots	
Powdery Mildew (Podosphaera and Sphaerotheca spp)			Refer to Apricots	
Leaf Spot (Blumeriella spp)			Follow brown rot blossom blight schedule and continue applications at 7- to 10-day intervals. Make additional applications after harvest.	

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Stone Fruits - Nectarines				
DISEASES	RATE OF MYCLOBUTANIL 40WP AG		USE RECOMMENDATIONS	RESTRICTIONS
	(oz/100gal)	(oz/acre)		
Brown Rot Blossom Blight (Monilinia spp.)	1.25 to 2.0 (0.5 to 0.8 oz active)	2.5 to 6.0 (1.0 to 2.4 oz active)	Begin application at early pink bud stage before infection occurs. If conditions are favorable for disease development, apply again at full bloom and petal fall.	Do not apply more than 3.25 Ib of MYCLOBUTANIL 40WP AG (1.3 Ib active) per acre per season.  Do not apply more than 3.25 Ib of MYCLOBUTANIL 40WP AG (1.3 Ib active) per acre per season.
Brown Rot (Monilinia spp.)			Refer to Apricots	
Powdery Mildew (Podosphaera and Sphaerotheca spp.)			Refer to Apricots	
Shothole (Stigmia spp.)			Follow brown rot blossom blight schedule making additional applications at 7- to 10-day intervals as long as needed.	

Stone Fruits - Peaches				
DISEASES	RATE OF MYCLOBUTANIL 40WP AG		USE RECOMMENDATIONS	RESTRICTIONS
	(oz/100gal)	(oz/acre)		
Brown Rot Blossom Blight (Monilinia spp.)	1.25 to 2.0 (0.5 to 0.8 oz active)	2.5 to 6.0 (1.0 to 2.4 oz active)	Begin application at early pink bud stage before infection occurs. If conditions are favorable for disease development, apply again at full bloom and petal fall.	Do not apply more than 3.25 Ib of MYCLOBUTANIL 40WP AG (1.3 Ib active) per acre per season.
Brown Rot (Monilinia spp.)			Refer to Apricots	
Powdery Mildew (Podosphaera spp.)			Refer to Apricots	
Rust (Tranzschelia spp.)			Apply 6 ounces (2.4 oz active) per acre. Begin application approximately 8 weeks after flowering if environmental conditions are favorable for disease development. For optimum disease control, do not apply on an application schedule exceeding 21-days.	

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Stone Fruits - Plums, Prunes				
DISEASES	RATE OF MYCLOBUTANIL 40WP AG		USE RECOMMENDATIONS	RESTRICTIONS
	(oz/100gal)	(oz/acre)		
Brown Rot Blossom Blight (Monilinia spp.)	1.25 to 2.0 (0.5 to 0.8 oz active)	2.5 to 6.0 (1.0 to 2.4 oz active)	Begin application at green tip, before infection occurs. If conditions are favorable for disease development, apply again at full bloom and petal fall.	Do not apply more than 2.75 Ib of MYCLOBUTANIL 40WP AG (1.1 Ib active) per acre per season.
Brown Rot (Monilinia spp.)			Refer to Apricots	
Rust (Tranzschelia spp.)			Refer to Peaches	

+ 250 gallon dilute spray per acre basis.

USE DIRECTIONS FOR VEGETABLES			
DISEASES	MYCLOBUTANIL 40WP AG (OZ/ACRE)	USE RECOMMENDATIONS	RESTRICTIONS
Asparagus			
Rust (Puccinia spp.)	5.0 (2.0 oz active)	Begin applications to the developing ferns after harvest has taken place. Repeat applications on a schedule not to exceed 14 days. Apply with a spray adjuvant, such as Latron B-1956 or Latron CS-7	<p>Do not apply to harvestable spears. Do not apply within 180 days of harvest in all states except California.</p> <p>When a 180-day treatment to harvest interval is used, do not make more than 6 applications of 5 oz of (0.125 Ib active) per growing season. This is equivalent to 30 ounces product (0.75 Ib active) per acre per year.</p> <p>When a 30-day treatment to harvest interval is used, do not make more than 4 applications of 5 oz (0.125 Ib active) or 20 ounces of product (0.5 Ib active) per acre per year.</p> <p>In California, either a 30 or 180 day treatment to harvest interval may be used.</p>

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USE DIRECTIONS FOR VEGETABLES			
DISEASES	MYCLOBUTANIL 40WP AG (OZ/ACRE)	USE RECOMMENDATIONS	RESTRICTIONS
<b>Cucurbits</b> Including: balsam apple, bitter melon, cantaloupe, casaba, Chinese cucumber, Chinese waxgourd, citron melon, crenshaw melon, cucumber, golden pershaw melon, edible gourd, ornamental gourd, honey balls, honeydew melon, mango melon, Persian melon, pineapple melon, pumpkin, Santa Claus melon, snake melon, summer squash, winter squash, and watermelon			
Powdery Mildew (Erysiphe and Sphaerotheca spp.)	2.5 to 5 (1.0 to 2.0 oz active)	Begin application at first sign of disease development and continue on a 7- to 10-day application schedule.  For the control of other foliar cucurbit diseases, co-applications of registered protectant fungicides should be made according to label use directions.	Do not apply more than 1.5 Ib of MYCLOBUTANIL 40WP AG (0.6 Ib active) per acre per crop.  Applications may be made up to, and including the day of harvest.  Observe a 30-day plant-back interval between the last application and planting new crops at the treatment site.
<b>Snap Beans</b>			
Rust (Uromyces spp.)  Pod Tip Rot (Rhizoctonia spp.)	4 to 5 (1.6 to 2.0 oz active)	Begin applications when rust is first observed. For pod tip rot, begin applications when pods begin to develop. Continue applications on a 7- to 10-day schedule if conditions remain favorable for disease development.	Applications may be made up to, and including the day of harvest.  Do not apply more than 1.25 Ib of MYCLOBUTANIL 40WP AG (0.5 Ib. active) per acre per crop.  Observe a 30-day plant-back interval between the last application and planting new crops at the treatment site.
<b>Tomatoes</b>			
Powdery Mildew (Leveillua spp.)	2.5 to 4.0 (1.0 to 1.6 oz active)	Begin applications at the first sign of disease or when environmental conditions are favorable for disease development.  Do not exceed 21 days between application intervals.  Apply using a minimum of 20 gallons of water per acre by ground or a minimum of 10 gallons of water by air.	Do not apply more than 1.25 Ib of MYCLOBUTANIL 40WP AG (0.5 Ib active) per acre per crop.  Applications may be up to, and including the day of harvest.  Observe a 30-day plant-back interval between the last application and planting new crops at the treatment site.

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USE DIRECTIONS FOR NON-FOOD USE			
DISEASES	MYCLOBUTANIL 40WP AG (OZ/ACRE)	USE RECOMMENDATIONS	RESTRICTIONS
Hybrid Poplar (For use in nurseries or forested areas used for wood pulp production)			
Rust (Melampsora spp.)	4 to 6 (1.6 to 2.4 oz active)	Begin applications at the first sign of disease and repeat applications at 10- to 14-day intervals.	Do not apply more than 1.5 Ib of MYCLOBUTANIL 40WP AG (0.6 Ib active) per acre per year.
Douglas Fir (Nursery Use Only)			
Needle Rust (Melampsora spp.)	5 to 10 (2 to 4 oz active)	Begin applications in early spring. Continue applications at 2 to 3 week intervals until the threat of infection is past.  A spray adjuvant such as Latron CS-7 or Latron B-1956 should be added to obtain good spray coverage and disease control.	Do not apply more than 1.5 Ib of MYCLOBUTANIL 40WP AG (0.6 Ib active) per acre per year.
Loblolly Pine (Nursery Use Only)			
Fusiform Rust (Cronartium quercuum)	5 to 10 (2 to 4 oz active)	Begin applications in early spring. Continue applications at 2 to 3 week intervals until the threat of infection is past. A spray adjuvant such as Latron CS-7 or Latron B-1956 should be added to obtain good spray coverage and disease control.	Do not apply more than 1.5 Ib of MYCLOBUTANIL 40WP AG (0.6 Ib active) per acre per year.

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