

55146-105

03/06/2009

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Ms. Lizbeth Rea  
Product Registration  
Nufarm Americas, Inc.,  
150 Harvester Drive, Suite 200  
Burr Ridge, IL 60527

MAR 6 2009

SUBJECT: Application for Pesticide Notification (PRN 98-10)  
Request Primary Brand Name "Nufarm Myclobutanil 20EW"  
EPA Reg. No. 55146-105  
Application Dated February 3, 2009

Dear Ms. Rea:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 dated 02/03/09 for the above product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action(s) requested fall within the scope of PRN 98-10. The label submitted with the application has been stamped "Notification" and will be placed in our records.

If you have any questions, please call me directly at 703-305-6249 or Owen F. Beeder of my staff at 703-308-8899.

Sincerely,

A handwritten signature in black ink, appearing to be "Linda Arrington".

Linda Arrington  
Notifications & Minor Formulations Team Leader  
Registration Division (7505P)  
Office of Pesticide Programs



United States  
Environmental Protection Agency  
Washington, DC 20460

<input type="checkbox"/>	Registration
<input type="checkbox"/>	Amendment
<input checked="" type="checkbox"/>	Other

OPP Identifier Number

### Application for Pesticide - Section I

1. Company/Product Number 55146-105	2. EPA Product Manager Venus Eagle	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) NUP 08105	PM# 1	
5. Name and Address of Applicant (Include ZIP Code) Nufarm Americas, Inc 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527  <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: <b>NOTIFICATION</b> EPA Reg. No. _____ MAR 06 2009 Product Name _____	

### Section - II

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

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

Notification of a change in the primary brand name per PRN 98-10. This notification is consistent with the provisions of PRN 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PRN 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 FIFRA.

### Section - III

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

### Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application..)		
Name Lizbeth Rea	Title Registration Manager	Telephone No. (Include Area Code) 919/655-0701
<b>Certification</b> I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped)
2. Signature 	3. Title Registration Manager	
4. Typed Name Lizbeth Rea	5. Date 2/3/2009	



# ~~NUP-08105~~ Nufarm Myclobutanil 20 EW

## Fungicide

NOTIFICATION  
MAR 06 2009

A SYSTEMIC, PROTECTANT AND CURATIVE FUNGICIDE FOR DISEASE CONTROL IN THE COMMERCIAL PRODUCTION OF ALMONDS, APPLES, STONE FRUITS, GRAPES, SOYBEANS AND COTTONSEED TREATMENT.

SHAKE WELL BEFORE USING.

**ACTIVE INGREDIENTS:**

Myclobutanil: alpha-butyl-alpha-(4-chlorophenyl)-1 H-1 ,2,4, triazole-1 -propanenitrile ..... 19.7%

**OTHER INGREDIENTS:**

TOTAL: ..... 100.0%

Contains Petroleum Distillates.  
Contains 1.67 pounds of active ingredient per gallon.

**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.)

**SEE INSIDE BOOKLET FOR FIRST AID AND ADDITIONAL PRECAUTIONARY STATEMENTS**

For Chemical Spill, Leak, Fire, or Exposure, Call CHEMTREC (800) 424-9300  
For Medical Emergencies Only, Call (877) 325-1840

EPA REG. NO. 55146-105  
EPA EST. NO.

Manufactured By  
NUFARM AMERICAS INC.  
AGT Division  
150 Harvester Drive  
Burr Ridge, IL 60527



NET CONTENTS: LBS.

0551 46-00000.20080701 .EPA.New NUP-  
08105Nufarm Myclobutanil 20 EW

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS  
CAUTION - PRECAUCION**

Causes moderate eye irritation. Harmful if swallowed or absorbed through the 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 contaminated clothing and wash clothing before reuse.

**PERSONAL PROTECTIVE 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.

**All mixers, loaders, applicators and other handlers must wear:**

- Long-sleeved shirt and long pants
- Shoes plus socks
- Chemical-resistant gloves made from barrier laminate

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, 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.

<b>USER SAFETY RECOMMENDATIONS</b>	
<b>Users Should:</b>	
<ul style="list-style-type: none"> <li>• Wash hands with soap and water before eating, smoking, drinking or using the toilet.</li> <li>• Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. If pesticide gets on skin, wash immediately with soap and water.</li> <li>• 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.</li> </ul>	

<b>FIRST AID</b>	
<b>IF IN EYES</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<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 to 20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>HOT LINE NUMBER</b>	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-877-325-1840 for emergency medical treatment information.	
<b>NOTE TO PHYSICIAN</b>	
Contains petroleum distillate. Vomiting may cause aspiration pneumonia.	

**PHYSICAL AND CHEMICAL HAZARDS**

Flammable. Keep away from heat and open flame.

**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 or rinsate. Do not apply when weather conditions favor drift or runoff from areas treated.

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. READ ENTIRE LABEL BEFORE USING THIS PRODUCT. USE STRICTLY IN ACCORDANCE WITH LABEL PRECAUTIONARY STATEMENTS AND DIRECTIONS.

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

**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: Coveralls, shoes plus socks and chemical-resistant gloves made from barrier laminate.

**NON-AGRICULTURAL USE REQUIREMENTS**

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses. Commercial seed treatments are not within the scope of the Worker Protection Standard.

Do not allow people (other than applicator) or pets on treatment area during application. Do not enter treatment areas until spray has dried.

**GENERAL USE INFORMATION**

This product is a systemic, protectant and curative fungicide for disease control in the commercial production of almonds, apples, stone fruits, grapes, soybeans, and cottonseed treatment. Optimum disease control is achieved when the fungicide is applied in a regularly scheduled preventative spray program.

**USE RATE DETERMINATION**

Carefully read, understand and follow label use rates and restrictions. For proper application, determine the number of size of the area to be treated, the recommended label application rate and the required gallonage for the area to be treated. Prepare only the amount of spray solution needed for the treatment area. Careful calibration of spray equipment is recommended prior to use.

**MIXING PROCEDURES**

Be sure sprayer is clean and not contaminated with other materials prior to use. Fill the spray tank 1/4 to 1/2 full with clean water and start agitation. Be certain the agitation system is working properly and creates a rolling or rippling effect on the liquid surface. With the agitator running, add the required amount of product to the tank and finish filling tank. Always add this product to the spray tank before adding other materials.

**Compatibility:** This product is compatible with most commonly used fungicides, insecticides, growth regulators, micronutrients and spray adjuvants. When preparing tank mixtures, spray compatibility charts or State Cooperative Extension Service Specialists should be consulted prior to use.

When tank mixing this product with other pesticides observe the more restrictive label limitations and precautions. No label dosage rates should be exceeded. This product cannot be mixed with any product containing a label prohibition against such mixing.

**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 manufacturer's 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.

**Hand Pressurized Sprayers:** For best control of labeled diseases, achieve thorough coverage of all plant parts on a protectant application schedule.

**CHEMIGATION USE DIRECTIONS**

This product 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 this product, ground or aerial applications must supplement chemigation applications to achieve adequate disease control.

- Apply this product only through solid set or hand-move sprinkler irrigation systems.
- Crop injury, lack of fungicidal effectiveness or illegal pesticide residues in the crop can result from non-uniform distribution of treated water. Greatest efficacy is achieved when the application of treated water does not exceed 1/4 inch per acre per application.
- If you have questions about calibration, you should contact State Extension Service specialist, equipment manufacturers or other experts.
- Do not connect an irrigation system 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 this product 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.
- 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.
- Do not apply when wind speed favors drift beyond the area intended for treatment.

**Solid-set 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 this product required for treatment area.
- Add the required amount of this product 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 this product at the end of the irrigation cycle or as a separate application to maximize foliar absorption and retention.
- Stop injection equipment after treatment is completed. Continue to operate the system until the product solution has cleared the last sprinkler head.

**GENERAL USE DIRECTIONS FOR TREE FRUITS**

Best control of labeled diseases is achieved when this product is applied on a 7 to 10 day application schedule.

This product is a systemic fungicide having protectant and curative properties that will translocate into new growth. For optimum control of listed diseases, 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 this product 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 this product required per acre varies with tree size and the volume of fruit 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 this product:

PRODUCT USE RATES PER ACRE GUIDE FOR TREE FRUITS (FLUID OUNCES PER ACRE)		
TREE HEIGHT (feet)	APPLES (fluid ounces/acre)	STONE FRUITS (ounces/acre)
up to 10ft.	4.0 to 8.0	4.0 to 6.4
15 ft.	6.0 to 9.6	6.4 to 9.6
20ft.+	8.0 to 16.0	9.6

**Concentrate Spray Applications:** This product 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:

$$\frac{\text{Fluid Ounces of this product per acre}}{\text{Gallons of spray volume applied per acre}} \times 100 = \text{Fluid Ounces of this product per 100 gallons}$$

Example: An apple orchard consisting of apple trees 18 feet in height will require 8 ounces this product for adequate apple scab control. Application equipment has been calibrated to apply 80 gallons spray per acre, therefore:

$$\frac{8 \text{ Fluid Ounces of this product per acre}}{80 \text{ Gallons of spray volume applied per acre}} \times 100 = 10 \text{ Fluid Ounces of this product per 100 gallons}$$

**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 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. This product should be applied in sufficient water to insure adequate coverage.

**ALMONDS**

DISEASES	RATE OF PRODUCT		USE INSTRUCTIONS++
	Fluid Ounces per 100 gallons +	Fluid Ounces per Acre	
Blossom Blight ( <i>Monilinia spp.</i> ) Shothole ( <i>Stigmia spp.</i> )	2.4 to 3.8  (0.5 to 0.8 oz. a.i.)	9.6 to 15.3  (2.0 to 3.2 oz. a.i.)	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.
Rust ( <i>Tranzchelia spp.</i> )			Apply 11.5 fluid ounces (2.4 oz. a.i.) 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.
Anthracoise ( <i>Colletotrichum spp.</i> )			The applications of this product for control of blossom blight and shothole will suppress anthracnose.

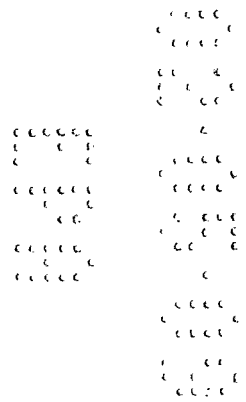
+ Based on a standard of 400 gallons of dilute spray per acre, or the equivalent amount of product per acre.

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

**RESTRICTIONS:**

Do not apply within 90 days of harvest.

Do not make more than 3 applications or apply more than 46.0 fluid ounces of this product (0.6 pound active ingredient) per acre per season.





**APPLES**

DISEASES	RATE OF PRODUCT		USE INSTRUCTIONS
	(Fluid Ounces per 100 gallons) +		
Powdery Mildew ( <i>Podosphaera spp.</i> )	2.4 to 4.8 (0.5 to 1.0 oz. a.i.)		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.
Rusts ( <i>Gymnosporangium spp.</i> )	2.4 to 3.8 (0.5 to 0.8 oz. a.i.)		Begin applications at pink stage and continue through the second cover spray.
Scab ( <i>Venturia spp.</i> ) Prebloom	2.4 to 3.8 (0.5 to 0.8 oz. a.i.)		Begin application at green tip or when environmental conditions become favorable for primary scab development. Apply this product alone or tank mixed with a protectant fungicide on a 7- to 10-day schedule.
	Bloom and Postbloom	2.4 to 3.8 (0.5 to 0.8 oz. a.i.)	
Post Infection	3.8 (0.8 oz. a.i.)		This product provides 96-hour post-infections control or curative activity. Apply as soon as possible after infection period. Follow with a standard preventative spray schedule.

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

**RESTRICTIONS:**

Do not apply within 14 days of harvest.

Do not apply more than 153 fluid ounces of this product (2 pounds active ingredient) per acre per season.

**STONE FRUITS**

**APRICOTS**

DISEASES	RATE OF PRODUCT		USE INSTRUCTIONS
	Fluid Ounces per 100 gallons +	Fluid Ounces per Acre	
Brown Rot Blossom Blight ( <i>Monilinia spp.</i> )	2.4 to 3.8 (0.5 to 0.8 oz. a.i.)	4.8 to 11.5 (1.0 to 2.4 oz. a.i.)	Begin application at early red bud stage, before infection occurs. If conditions are favorable for disease development, apply again at full bloom and at petal fall.
Brown Rot Fruit Rot ( <i>Monilinia spp.</i> )			Apply 11.5 fluid ounces (2.4 oz. a.i.) 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 ( <i>Podosphaera spp.</i> )			Follow brown rot blossom blight schedule making additional applications at 10- to 14-day intervals until terminal growth ceases.
Shothole ( <i>Stigmima spp.</i> )			Follow brown rot blossom blight schedule making additional applications at 7- to 10-day intervals as long as needed.

+ Based on a standard of 250 gallons of dilute spray per acre, or the equivalent amount of product per acre.

**RESTRICTIONS:**

Applications may be made up to the day of harvest.

Do not apply more than 84 fluid ounces of this product (1.1 pounds active ingredient) per acre per growing season.

**CHERRIES**

DISEASES	RATE OF PRODUCT		USE INSTRUCTIONS
	Fluid Ounces per 100 gallons	Fluid Ounces per Acre	
Brown Rot Blossom Blight ( <i>Monilinia spp.</i> )	2.4 to 3.8 (0.5 to 0.8 oz. a.i.)	4.8 to 11.5 (1.0 to 2.4 oz. a.i.)	Begin application at early popcorn stage, before infection occurs. If conditions are favorable for disease development, apply again at full bloom and at petal fall.
Brown Rot Fruit Rot ( <i>Monilinia spp.</i> )			Apply 11.5 fluid ounces (2.4 oz. a.i.) 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 ( <i>Podosphaera spp.</i> and <i>Sphaerotheca spp.</i> )			Follow brown rot blossom blight schedule making additional applications at 10- to 14-day intervals until terminal growth ceases.
Leaf Spot ( <i>Blumeriella spp.</i> )			Follow brown rot blossom blight schedule and continue applications at 7- to 10-day intervals. Make additional applications after harvest.

+ Based on a standard of 250 gallons of dilute spray per acre, or the equivalent amount of product per acre.

**RESTRICTIONS:**

Applications may be made up to the day of harvest.  
Do not apply more than 100 fluid ounces of this product (1.3 pounds active ingredient) per acre per growing season.

**NECTARINES**

DISEASES	RATE OF PRODUCT		USE INSTRUCTIONS
	Fluid Ounces per 100 gallons	Fluid Ounces per Acre	
Brown Rot Blossom Blight ( <i>Monilinia spp.</i> )	2.4 to 3.8 (0.5 to 0.8 oz. a.i.)	4.8 to 11.5 (1.0 to 2.4 oz. a.i.)	Begin application at early pink bud stage, before infection occurs. If conditions are favorable for disease development, apply again at full bloom and at petal fall.
Brown Rot Fruit Rot ( <i>Monilinia spp.</i> )			Apply 11.5 fluid ounces (2.4 oz. a.i.) 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 ( <i>Podosphaera spp.</i> and <i>Sphaerotheca spp.</i> )			Follow brown rot blossom blight schedule making additional applications at 10- to 14-day intervals until terminal growth ceases.
Shothole ( <i>Stigmina spp.</i> )			Follow brown rot blossom blight schedule making additional applications at 7- to 10-day intervals as long as needed.

+ Based on a standard of 250 gallons of dilute spray per acre, or the equivalent amount of product per acre.

**RESTRICTIONS:**

Applications may be made up to the day of harvest.  
Do not apply more than 100 fluid ounces of this product (1.3 pounds active ingredient) per acre per growing season.

**PEACHES**

DISEASES	RATE OF PRODUCT		USE INSTRUCTIONS
	Fluid Ounces per 100 gallons	Fluid Ounces per Acre	
Brown Rot Blossom Blight ( <i>Monilinia spp.</i> )	2.4 to 3.8  (0.5 to 0.8 oz. a.i.)	4.8 to 11.5  (1.0 to 2.4 oz. a.i.)	Begin application at early pink bud stage, before infection occurs. If conditions are favorable for disease development, apply again at full bloom and at petal fall.
Brown Rot Fruit Rot ( <i>Monilinia spp.</i> )			Apply 11.5 fluid ounces (2.4 oz. a.i.) 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 ( <i>Podosphaera spp.</i> )			Follow brown rot blossom blight schedule making additional applications at 10- to 14-day intervals until terminal growth ceases.
Rust ( <i>Tranzchelia spp.</i> )			Apply 11.5 fluid ounces (2.4 oz. a.i.) 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.

+ Based on a standard of 250 gallons of dilute spray per acre, or the equivalent amount of product per acre.

**RESTRICTIONS:**

Applications may be made up to the day of harvest.  
Do not apply more than 100 fluid ounces of this product (1.3 pounds active ingredient) per acre per growing season.

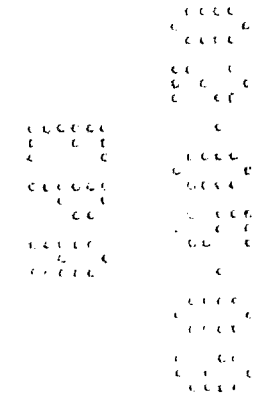
**PLUMS AND PRUNES**

DISEASES	RATE OF PRODUCT		USE INSTRUCTIONS
	Fluid Ounces per 100 gallons	Fluid Ounces per Acre	
Brown Rot Blossom Blight ( <i>Monilinia spp.</i> )	2.4 to 3.8  (0.5 to 0.8 oz. a.i.)	4.8 to 11.5  (1.0 to 2.4 oz. a.i.)	Begin application at green tip, before infection occurs. If conditions are favorable for disease development, apply again at full bloom and at petal fall.
Rust ( <i>Tranzchelia spp.</i> )			Apply 11.5 fluid ounces (2.4 oz. a.i.) 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.

+ Based on a standard of 250 gallons of dilute spray per acre, or the equivalent amount of product per acre.

**RESTRICTIONS:**

Applications may be made up to the day of harvest.  
Do not apply more than 84 fluid ounces of this product (1.1 pounds active ingredient) per acre per growing season.



**GRAPES**

DISEASES	RATE OF PRODUCT (Ounces per Acre)	USE INSTRUCTIONS
Anthracnose ( <i>Elsinoe spp.</i> )	6.0 to 10.0 (1.2 to 2.0 oz. a.i.)	Begin application when new shoots are 1 to 3 inches in length and continue on an application schedule, which does not exceed 14 days.
Black Rot ( <i>Guignardia spp.</i> )		<b>Preventative Schedule:</b> 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. <b>Post Infection Schedule:</b> Apply within 72 hours after the beginning of an infection period.
Powdery Mildew ( <i>Uncinula spp.</i> )		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.

+ Thorough spray coverage is essential for good disease control. This product should be applied in sufficient water to insure adequate coverage.

**RESTRICTIONS:**

Do not apply within 14 days of harvest.

Do not apply more than 46 fluid ounces of this product (0.6 pound active ingredient) per acre per year.

**SOYBEANS**

DISEASES	RATE OF PRODUCT (Fluid Ounces per 100 gallons)	USE INSTRUCTIONS
Soybean Rust ( <i>Phakophora pachyrhizi</i> )	4.8 to 9.6 (1.0 to 2.0 oz. a.i.)	Apply using ground or aerial equipment, in an adequate spray volume to achieve good coverage and canopy penetration. For aerial application, apply this product in a minimum spray volume of 5 gallons per acre. For best results, apply as early as possible, prior to infection or at first sign of disease, and make subsequent applications at 10- to 14-day intervals. For established disease, use the higher rate.

**RESTRICTIONS:**

Do not apply within 28 days of harvest.

Do not apply more than 19.2 fluid ounces of this product (0.25 pound active ingredient) per acre per year.

**Rotational Crops:**

Fields treated with this product can be rotated at any time to crops that are listed on a registered myclobutanil label immediately after last application.

Do not plant other crops within 30 days after the last application of a product containing myclobutanil.

**COTTONSEED TREATMENT**

This product is recommended for use at the time of planting as a seed treatment to protect against sore shin (*Rhizoctonia solani*) and black root rot (*Thielaviopsis basicola*) which impairs cottonseed germination and seedling development. This product can be tank mixed with other properly labeled cotton seed protectants for *Pythium* control.

This product is a liquid formulation that can be pumped or poured directly into the cottonseed treatment equipment or diluted with water, provided the recommended amount of product is applied.

Use 1.25 to 1.75 fluid ounces of this product per 100 pounds cottonseed to reduce seedling damage caused by sore shin (*Rhizoctonia solani*) and black root rot (*Thielaviopsis basicola*).

NOTE: In California, this product must be applied through a closed system such as WECO-RED (Returnable Evacuation Device).

**Treated seed must be labeled as follows:**

**"This seed is treated with product which contains the active ingredient myclobutanil. Do not use for food, feed, oil production or any other purpose except planting. Do not graze cotton plants grown from treated seed. Stay away from feed and foodstuffs."**

An EPA-approved dye or colorant that imparts an unnatural color to the seed must be used on all seed treated with this product.

