

42750-165

12/18/2007

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

DEC 18 2007

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Mr. Morris Gaskins  
Product Registration  
Albaugh, Inc.  
P.O. Box 2127  
Valdosta, GA 31604-2127

SUBJECT: Application for Pesticide Notification (PRN 98-10)  
Request Alternate Brand Name "AGRISTAR SONOMA 20EW AG"  
PA Reg. No. 42750-165  
Application Dated October 30, 2007

Dear Mr. Gaskins:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 dated 10/30/07 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,

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



United States  
**Environmental Protection Agency**  
 Washington, DC 20460

Registration  
 Amendment  
 Other

OPP Identifier Number

**Application for Pesticide - Section I**

1. Company/Product Number 42750-165	2. EPA Product Manager M. Waller	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Myclobutanil 20EW AG	PM# 21	
5. Name and Address of Applicant (Include ZIP Code) Albaugh Inc. P.O. Box 2127 Valdosta, GA 31604-2127 <input type="checkbox"/> Check if this is a new address		6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____

**Section - II**

Amendment - Explain below.  Final printed labels in response to Agency letter dated \_\_\_\_\_

Resubmission in response to Agency letter dated \_\_\_\_\_  "Me Too" Application.

Notification - Explain below.  Other - Explain below.

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

Notification of alternate brand name: AGRISTAR SONOMA 20EW AG  
 This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no further changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under section 12 and 14 of 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 <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input checked="" type="checkbox"/> Other (Specify) fiber drum
* Certification must be submitted		If "Yes" Unit Packaging wgt.      No. per container	If "Yes" Package wgt      No. per container		
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 25 Kg		5. Location of Label Directions <input checked="" type="checkbox"/>	
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph Paper glued <input type="checkbox"/> Stenciled <input type="checkbox"/> Other _____					

**Section - IV**

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Morris Gaskins	Title Registrations Manager	Telephone No. (Include Area Code) 229-244-3288
Certification 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) ccccc ccccc ccccc ccccc
2. Signature 	3. Title Registrations Manager	
4. Typed Name Morris Gaskins	5. Date October 30, 2007	



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BASE LABEL:

AGRISTAR SONOMA 20EW AG

A systemic, protectant and curative fungicide for disease control in the commercial production of almonds, apples, stone fruits, grapes, soybeans and cotton seed treatment

Active Ingredient

Myclobutanil: alpha-butyl-alpha-(4-chlorophenyl)-1H-1,2,4-triazole-1-propanenitrile . . . . .	19.7%
Other Ingredients: . . . . .	80.3%
Total: . . . . .	100.0%

Contains Petroleum Distillates

Contains 1.67 pounds of active ingredient per gallon

KEEP OUT OF REACH OF CHILDREN

CAUTION

Refer to Inside of label booklet for Precautionary Statements and Directions for Use including Storage and Disposal.

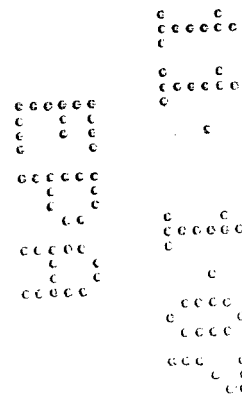
FIRST AID	
IF IN EYES:	Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
IF SWALLOWED:	Call poison control center or doctor immediately 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.
Note to Physician: Contains petroleum distillate – vomiting may cause aspiration pneumonia.	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may contact CHEMTREC toll free at 1-800-424-9300 day or night, for emergency treatment information.	

EPA Reg. No. 42750-165  
AD091107

EPA Est. No. xxxxxx-xx-xxx

NET CONTENTS:

Manufactured For:  
Albaugh, Inc.  
1525 NE 36<sup>th</sup> Street  
Ankeny, IA 50021



PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

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.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

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

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 meet the requirements listed in the Worker Protection Standards (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

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

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. Refer to the label booklet under "Agricultural Use Requirements" in the Directions for Use section for information about this standard.

NOTICE: Read the entire label. Use only according to label instructions. Before using this product, read Warranty Disclaimer, Inherent Risks of Use, and Limitations of Remedies at end of label booklet. If terms are unacceptable, return at once unopened.

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

SHAKE WELL BEFORE USING

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BOOKLET LABEL:

AGRISTAR SONOMA 20EW AG  
Fungicide

A systemic, protectant and curative fungicide for disease control in the commercial production of almonds, apples, stone fruits, grapes, soybeans and cotton seed treatment

Active Ingredient

Myclobutanil: alpha-butyl-alpha-(4-chlorophenyl)-1H-1,2,4-triazole-1-propanenitrile . . . .	19.7%
Other Ingredients: . . . . .	80.3%
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.)

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 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 any liquid to the person. 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.
Note to Physician: Contains petroleum distillates – vomiting may cause aspiration pneumonia.	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may contact CHEMTREC toll free at 1-800-424-9300 day or night, for emergency treatment information.	

EPA Reg. No. 42750-165

EPA Est. No. xxxxxx-xx-xxx

Net Contents

MANUFACTURED FOR:  
Albaugh, Inc.  
1525 NE 36<sup>th</sup> Street  
Ankeny, IA 50021

Table of Contents

- Precautionary Statements
- Hazards to Humans and Domestic Animals
- Personal Protective Equipment (PPE)
- User Safety Recommendations
- First Aid
- Environmental Hazards
- Directions for Use
- Agricultural Use Requirements
- Non-Agricultural Use Requirements
- Storage and Disposal
- General Information
- Use Rate Determination
- Mixing
- Application
- General Use Directions
- Crop Uses
  - Almond
  - Apple
  - Stone Fruits
  - Grape
  - Soybeans
- Cotton Seed Treatment
- Terms and Conditions of Use
- Warranty Disclaimer
- Inherent Risks of Use
- Limitation of Remedies

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

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. Remove contaminated clothing and wash 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 from barrier laminate
- 3. Shoes plus socks

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 meet the requirements listed in the Worker Protection Standards (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.

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. 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 all Directions for Use carefully before applying.

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. Barrier laminate gloves
3. Shoes plus socks

### 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 enter or allow others to enter treated areas until sprays have dried.

### STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in a cool, dry secure area at temperatures above freezing

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

Steps to be Taken in Case Material is Released or Spilled: Contain spills immediately with inert materials (e.g. sand, earth). Transfer liquids and solid diking material to separate suitable containers for recovery or disposal. Keep spills and cleaning runoff out of municipal sewers and open bodies of water. Spills on porous surfaces can contaminate groundwater.

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## GENERAL INFORMATION

AGRISTAR SONOMA 20EW AG fungicide is a systemic, protectant and curative fungicide for disease control in the commercial production of almonds, apples, soybeans, stone fruits, grapes, and cotton seed treatment. Optimum disease control is achieved when the fungicide is applied in a regularly scheduled preventative spray program.

## USE RATE DETERMINATION

Carefully read and follow label directions, including recommended use rates and restrictions. For proper application, determine the 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 AGRISTAR SONOMA 20EW AG to the tank and finish filling tank. Always add AGRISTAR SONOMA 20EW AG to the spray tank before adding other materials.

Compatibility: AGRISTAR SONOMA 20EW AG 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 Specialist 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 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.

SPRINKLER IRRIGATION: AGRISTAR SONOMA 20EW AG must be applied on a regular protectant fungicide schedule, not an irrigation schedule. Apply only through solid set or hand-move sprinkler irrigation systems. Do not apply product through any other type of irrigation system. Crop injury, lack of effectiveness, or illegal residues in the crop can result from nonuniform 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 specialists or equipment manufacturers.

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 systems are in place. A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise. Before applying AGRISTAR SONOMA 20EW 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 is such system that 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 pipe fill 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, which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.
- ◆ Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
- ◆ 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.

Specific Instructions for Solid-Set and Hand Move Irrigation Equipment:

- ◆ Determine area covered by sprinkler.
- ◆ Fill injector solution tank with water and adjust flow rate to use the contents over a 10 to 30 minute interval.
- ◆ Determine the amount of AGRISTAR SONOMA 20EW AG required for area to be treated.

- Add the required amount of AGRISTAR SONOMA 20EW 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 AGRISTAR SONOMA 20EW AG at the end of an 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 mixture of AGRISTAR SONOMA 20EW AG has cleared the last sprinkler head.

### GENERAL USE DIRECTIONS

Best control of labeled diseases is achieved when AGRISTAR SONOMA 20EW AG fungicide is applied on a 7 to 10 day application schedule. AGRISTAR SONOMA 20EW AG 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 AGRISTAR SONOMA 20EW AG fungicide 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 FOR TREE CROPS

The amount of AGRISTAR SONOMA 20EW AG fungicide required per acre varies with tree size and the volume of fruit and foliage to be treated. The following table provides guidance for the determination of appropriate per acre use rates for AGRISTAR SONOMA 20EW AG fungicide:

Tree Height (ft)	Rate of AGRISTAR SONOMA 20EW AG (fl oz/acre)	
	Apples	Stone Fruits
10 (or less)	4 to 8	4 to 6.4
15	6 to 9.6	6.4 to 9.6
20 (or more)	8 to 16	9.6

### CONCENTRATE SPRAY APPLICATIONS

AGRISTAR SONOMA 20EW AG fungicide 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:

$$\frac{\text{fl oz of AGRISTAR SONOMA 20EW AG/acre} \times 100}{\text{gallons}} = \text{fl oz of AGRISTAR SONOMA 20EW AG per 100 gallons}$$

$$\text{Spray volume per acre (gallons)}$$

Example: An apple orchard consisting of apple trees 18 feet in height will require 8 fluid ounces AGRISTAR SONOMA 20EW AG for adequate apple scab control. Application equipment has been calibrated to apply 80 gallons spray per acre, therefore:

$$\frac{.8 \text{ fl oz of AGRISTAR SONOMA 20EW AG/acre} \times 100}{\text{gallons}} = 10 \text{ fl oz of AGRISTAR SONOMA 20EW AG per 100 gallons}$$

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80 gallons per acre

DILUTE, THOROUGH COVERAGE APPLICATION

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.

USE DIRECTIONS FOR ALMOND

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

Disease	AGRISTAR SONOMA 20EW AG		Specific Use Instructions	Restrictions
	(fl oz/100gal)*	(fl oz/acre)		
Blossom Blight ( <i>Monilinia spp.</i> ) Shothole ( <i>Stigmina spp.</i> )	2.4 to 3.8 (0.5 to 0.8 oz active)	9.6 to 15.3 (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.  Do not make more than three applications or apply more than 46.0 fl oz (0.6 lb active) AGRISTAR SONOMA 20EW AG fungicide per acre per season.
Rust ( <i>Tranzschelia spp.</i> )			Apply 11.5 fl oz (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.	
Anthracoise ( <i>Colletotrichum spp.</i> )			The application of AGRISTAR SONOMA 20EW AG fungicide for control of blossom blight and shothole will suppress anthracnose.	

\*Rate is based on standard dilute spray volume of 400 gallons per acre, or an equivalent amount of product per acre.

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USE DIRECTIONS FOR APPLE

DISEASE	AGRISTAR SONOMA 20EW AG	SPECIFIC USE INSTRUCTIONS	RESTRICTIONS
Powdery Mildew ( <i>Podosphaera spp.</i> )	2.4 to 4.8 (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 153 fl oz (2 lb active) AGRISTAR SONOMA 20EW AG per acre per season.
Rusts ( <i>Gymnosporangium spp.</i> )	2.4 to 3.8 (0.5 to 0.8 oz active)	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 active)	Begin application at green tip or when environmental conditions become favorable for primary scab development. Apply AGRISTAR SONOMA 20EW AG alone or tank mixed with a protectant fungicide on a 7- to 10-day schedule.	
Bloom, Postbloom	2.4 to 3.8 (0.5 to 0.8 oz active)	Use AGRISTAR SONOMA 20EW 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	
Postinfection	3.8 (0.8 oz active)	AGRISTAR SONOMA 20EW 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.	

\*Rate is based on a dilute spray volume of 400 gallons per acre.

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USE DIRECTIONS FOR STONE FRUITS

APRICOTS				
CROP/DISEASE	AGRISTAR SONOMA 20EW AG		SPECIFIC USE INSTRUCTIONS	RESTRICTIONS
	(fl oz/100 gal)*	(fl oz/acre)		
Brown Rot Blossom Blight ( <i>Monilinia spp.</i> )	2.4 to 3.8 (0.5 to 0.8 oz active)	4.8 to 11.5 (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 84 fl oz (1.1 lb active) per acre per season.  Applications may be made up to the day of harvest.
Brown Rot Fruit Rot ( <i>Monilinia spp.</i> )			Apply 11.5 fl oz (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 ( <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>Stigmina spp.</i> )			Follow brown rot blossom blight schedule making additional applications at 7 to 10 day intervals as long as needed.	

\*Rate is based on standard dilute spray volume of 250 gallons per acre, or an equivalent amount of product per acre.

CHERRIES				
CROP/DISEASE	AGRISTAR SONOMA 20EW AG		SPECIFIC USE INSTRUCTIONS	RESTRICTIONS
	(fl oz/100 gal)*	(fl oz/acre)		
Brown Rot Blossom Blight ( <i>Monilinia spp.</i> )	2.4 to 3.8 (0.5 to 0.8 oz active)	4.8 to 11.5 (1.0 to 2.4 oz 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 100 fl oz (1.3 lb active) per acre per season.  Applications may be made up to the day of harvest.
Brown Rot Fruit Rot ( <i>Monilinia sp.</i> )			Refer to Apricots	
Powdery Mildew ( <i>Podosphaera and Sphaerotheca spp.</i> )			Refer to Apricots	
Leaf Spot ( <i>Blumeriella spp.</i> )			Follow brown rot blossom blight schedule and continue application at a 7- to 10-day interval. Make additional applications after harvest.	

\*Rate is based on standard dilute spray volume of 250 gallons per acre, or an equivalent amount of product per acre.

NECTARINES				
CROP/DISEASE	AGRISTAR SONOMA 20EW AG		SPECIFIC USE INSTRUCTIONS	RESTRICTIONS
	(fl oz/100 gal)*	(fl oz/acre)		
Brown Rot Blossom Blight ( <i>Monilinia spp.</i> )	2.4 to 3.8 (0.5 to 0.8 oz active)	4.8 to 11.5 (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 100 fl oz (1.3 lb active) per acre per season. Applications may be made up to the day of harvest.
Brown Rot Fruit Rot ( <i>Monilinia spp.</i> )			Refer to Apricots	
Powdery Mildew ( <i>Podosphaera</i> and <i>Sphaerotheca spp.</i> )			Refer to Apricots	
Shothole ( <i>Stigmina spp.</i> )			Follow brown rot blossom blight schedule making additional applications at 7- to 10- day intervals as long as needed.	

PEACHES				
Crop/Disease	AGRISTAR SONOMA 20EW AG		Specific Use Instructions	Restrictions
	(fl oz/100 gal)*	(fl oz/acre)		
Brown Rot Blossom Blight ( <i>Monilinia spp.</i> )	2.4 to 3.8 (0.5 to 0.8 oz active)	4.8 to 11.5 (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 100 fl oz (1.3 lb active) per acre per season. Applications may be made up to the day of harvest.
Brown Rot Fruit Rot ( <i>Monilinia spp.</i> )			Refer to Apricots	
Powdery Mildew ( <i>Podosphaera spp.</i> )			Refer to Apricots	
Rust ( <i>Tranzschelia spp.</i> )			Apply 11.5 fl oz (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.	

\*Rate is based on standard dilute spray volume of 250 gallons per acre, or an equivalent amount of product per acre.



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PLUMS/PRUNES				
Crop/Disease	AGRISTAR SONOMA 20EW AG		Specific Use Instructions	Restrictions
	(fl oz/100 gal)*	(fl oz/acre)		
Brown Rot Blossom Blight ( <i>Monilinia</i> spp.)	2.4 to 3.8 (0.5 to 0.8 oz active)	4.8 to 11.5 (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 84 fl oz (1.1 lb active) per acre per season.  Applications may be made up to the day of harvest.
Rust ( <i>Tranzschelia</i> Spp.)			Refer to Peaches	

\*Rate is based on standard dilute spray volume of 250 gallons per acre, or an equivalent amount of product per acre.

SOYBEAN			
Disease	Rate MYCLOBUTANIL 20EW AG (fl oz/acre)	Specific Use Instructions	Restrictions
Soybean Rust ( <i>Phakopsora</i> <i>pachyrhizi</i> )	4.8 to 9.6	Apply using ground or aerial equipment, in an adequate spray volume to achieve good coverage and canopy penetration.  For aerial application, apply MYCLOBUTANIL 20EW 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 in the rate range.	Do not apply within 28 days of harvest.  Do not make more than two applications or apply more than 19.2 fl oz of MYCLOBUTANIL 20EW (0.25 lb ai myclobutanil) per acre per year.  Rotational Crops: Fields treated with MYCLOBUTANIL 20EW can be rotated at any time to crops that are listed on a registered myclobutanil label immediately after the last treatment.  Do not plant other crops within 30 days after the last application of a product containing myclobutanil.

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USE DIRECTIONS FOR GRAPE

Thorough spray coverage is essential for good disease control. Apply AGRISTAR SONOMA 20EW AG in sufficient spray volume to ensure complete and uniform coverage.

DISEASE	Rate AGRISTAR SONOMA 20EW AG (fl oz/acre)	USE RECOMMENDATIONS	RESTRICTIONS
Anthracnose ( <i>Elsinoe spp.</i> )	6 - 10	Begin application when new shoots are 1 to 3 inches in length and continue on an application schedule that does not exceed 14 days.	Do not apply within 14 days of harvest.
Black Rot ( <i>Guignardia spp.</i> )		Preventative Schedule: Begin application when new shoots are 1 to 3 inches in length and continue applications on an application schedule that does not exceed 14 days. Use higher rate in rate range under heavy disease pressure. Post-infection Schedule: Apply within 72 hours after the beginning of an infection period.	Do not apply more than 46 fl oz of AGRISTAR SONOMA 20EW AG (0.6 lb. active ingredient) per acre per year.
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 in rate range or shorter spray interval on susceptible varieties or under heavy disease pressure.	

USE DIRECTIONS FOR COTTON SEED TREATMENT

AGRISTAR SONOMA 20EW AG fungicide is recommended for use at time of planting as a seed treatment to protect against sore shin (*Rhizoctonia solani*) and black root rot (*Thielaviopsis basicola*) which impairs cotton seed germination and seedling development. AGRISTAR SONOMA 20EW AG can be tank-mixed with other properly labeled cottonseed protectants such as Apron TL fungicide for *Pythium* control. AGRISTAR SONOMA 20EW AG is a liquid formulation that can be pumped or poured directly into the cotton seed treatment equipment or diluted with water, provided the recommended amount of product is applied.

Use 1.25 to 1.75 fl oz of AGRISTAR SONOMA 20EW AG 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 AGRISTAR SONOMA 20EW AG fungicide, 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. Store 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 AGRISTAR SONOMA 20EW AG.

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## TERMS AND CONDITIONS OF USE

If terms of the following Warranty Disclaimer, Inherent Risks of Use, and Limitation of Remedies are not acceptable, return unopened package at once to the seller for a full refund of purchase price paid. Otherwise, use by the buyer or any other user constitutes acceptance of the terms under Warranty Disclaimer, Inherent Risks of Use and Limitations of Remedies.

### WARRANTY DISCLAIMER

Albaugh, Inc. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions, subject to the inherent risks set forth below. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, Albaugh, Inc. MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

### INHERENT RISKS OF USE

It is impossible to eliminate all risks associated with use of this product. Plant injury, lack of performance, or other unintended consequences may result because of such factors as use of the product contrary to label instructions (including conditions noted on the label, such as unfavorable temperature, soil conditions, etc.), abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes), presence of other materials, the manner of application, or other factors, all of which are beyond the control of Albaugh, Inc. or the seller. To the extent consistent with applicable law, all such risks shall be assumed by the buyer.

### LIMITATION OF REMEDIES

To the extent consistent with applicable law, the exclusive remedy for losses or damages resulting from this product (including claims based on contract, negligence, strict liability, or other legal theories), shall be limited to, at Albaugh, Inc.' election, one of the following:

1. Refund of purchase price paid by buyer or user for product bought, or
2. Replacement of amount of product used

To the extent allowed by law, Albaugh, Inc. shall not be liable for losses or damages resulting from handling or use of this product unless Albaugh, Inc. is promptly notified of such loss or damage in writing. In no case shall Albaugh, Inc. be liable for consequential or incidental damages or losses.

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