

# SPECIMEN LABEL

# ALBAUGH<sup>®</sup> SONOMA<sup>®</sup> 20 EW AG

**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 - PRECAUCIÓN**

**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 complete First Aid, Precautionary Statements, Directions For Use, Storage and Disposal, and Conditions of Sale and Warranty.

**For 24-hour chemical spill, leak, fire, exposure or accident response information, call CHEMTREC toll free at 1-800-424-9300.**

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

Manufactured for:  
**ALBAUGH, LLC**  
1525 NE 36th Street,  
Ankeny, IA 50021

 **FUNGICIDE**

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## FIRST AID

<b>IF IN EYES:</b>	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.
<b>IF SWALLOWED:</b>	Immediately call a poison control center or doctor. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give <b>any</b> liquid to the person. Do not give anything by mouth to an unconscious person.
<b>IF ON SKIN OR CLOTHING:</b>	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. For non-emergency exposure information on this product, call 1-888-347-6732 (7 days/week, 24-hr). For medical emergencies, dial 911.

## 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, and before eating, drinking, chewing gum, using tobacco, or using toilet.

## 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

## USER SAFETY REQUIREMENTS

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.

## ENGINEERING CONTROLS

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 clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
3. 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.

## 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 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:

**Non-refillable containers (1, 2.5, 30 & 55 gallon):** Do not reuse or refill this container. Offer for recycling, if available. Triple rinse or pressure rinse container (or equivalent) promptly after emptying.

**(non-refillable <5 gallons):** Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

**(non-refillable >5 gallons):** Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

Pressure rinse as follows (all sizes): Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use for disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

**Refillable container (250 gallon & bulk):** Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller.

To clean the container before final disposal, empty the remaining contents from the container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing process two more times.

**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

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Albaugh® 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.

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## USE RATE DETERMINATION

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Carefully read and follow label directions, including specified use rates and restrictions. For proper application, determine the size of the area to be treated, the specified 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.

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## MIXING PROCEDURES

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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 Albaugh® Sonoma® 20EW AG to the tank and finish filling tank. Always add Albaugh® Sonoma® 20EW AG to the spray tank before adding other materials.

### **Compatibility:**

Albaugh® 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.

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## ROTATIONAL CROPS

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

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## APPLICATION

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**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:**

Albaugh® 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 Albaugh® 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 backflow.
- 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 Albaugh® Sonoma® 20EW AG required for area to be treated.
- Add the required amount of Albaugh® 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 specified by the manufacturer of the injection equipment and used for the time interval established during calibration.
- Inject Albaugh® 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 Albaugh® Sonoma® 20EW AG has cleared the last sprinkler head.

## GENERAL USE DIRECTIONS

Best control of labeled diseases is achieved when Albaugh® Sonoma® 20EW AG fungicide is applied on a 7- to 10-day application schedule. Albaugh® 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 Albaugh® 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 Albaugh® 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 Albaugh® Sonoma® 20EW AG fungicide:

Tree Height (ft.)	Rate of Albaugh® 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

Albaugh® Sonoma® 20EW AG fungicide should be used at the specified 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:

$$\frac{\text{fl. oz. of Albaugh® Sonoma® 20EW AG/acre} \times 100}{\text{Spray volume per acre (gallons)}} = \text{fl. oz. of Albaugh® Sonoma® 20EW AG per 100 gallons}$$

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

$$\frac{0.8 \text{ fl. oz. of Albaugh® Sonoma® 20EW AG/acre} \times 100}{80 \text{ gallons per acre}} = 10 \text{ fl. oz. of Albaugh® Sonoma® 20EW AG per 100 gallons}$$

### DILUTE, THOROUGH COVERAGE APPLICATION

Dilute thorough coverage applications are based on the amount of spray solution required to thoroughly wet trees until spray runoff. 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 ALMONDS

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

Disease	Albaugh® Sonoma® 20EW AG		Specific Use Instructions	Restrictions
	(fl. oz./100 gals.)*	(fl. oz./acre)		
Blossom Blight ( <i>Monilinia</i> spp.) Shothole ( <i>Stigmina</i> spp.)	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) Albaugh® Sonoma® 20EW AG fungicide per acre per season.
Rust ( <i>Tranzschelia</i> spp.)			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.	
Anthracnose ( <i>Colletotrichum</i> spp.)			The application of Albaugh® 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.

## USE DIRECTIONS FOR APPLES AND MAYHAWES

Disease	Albaugh® Sonoma® 20EW AG (fl. oz./100 gal.)*	Specific Use Instructions	Restrictions
Powdery Mildew ( <i>Podosphaera</i> spp.)	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 lbs. active) Albaugh® Sonoma® 20EW AG per acre per season.
Rusts ( <i>Gymnosporangium</i> spp.)	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</i> spp.)  Prebloom  Bloom, Postbloom  Postinfection	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 Albaugh® Sonoma® 20EW AG alone or tank mixed with a protectant fungicide on a 7- to 10-day schedule.	
	2.4 to 3.8 (0.5 to 0.8 oz. active)	Use Albaugh® 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.	
	3.8 (0.8 oz. active)	Albaugh® 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.

## USE DIRECTIONS FOR ARTICHOKES

Disease	Albaugh® Sonoma® 20EW AG (fl. oz./acre)	Application Directions	Restrictions
Powdery mildew ( <i>Erysiphe cichoracearum</i> )	7.6 (1.6 oz. of active)	<p>Scout crops on a regular basis and treat when disease first appears or when conditions favor disease development.</p> <p>Apply uniformly in a spray volume that provides thorough coverage. Use a minimum of 30 gallons of spray volume per acre. Control may be reduced at low spray volumes or if spray coverage is not adequate.</p> <p>Consult your Albaugh representative, extension specialist, certified crop advisor or your state agricultural experiment station or any additional local use recommendations for your area.</p>	<ul style="list-style-type: none"> <li>• Do not apply more than 7.6 fl. oz. of Albaugh® Sonoma® 20EW AG (0.1 lb. ai) per acre per application or 45.6 fl. oz. of Albaugh® Sonoma® 20EW AG (0.6 lb. ai) per acre per season.</li> <li>• Do not make more than 6 applications per season.</li> <li>• Pre-harvest Interval: Do not harvest within 3 days of application.</li> <li>• Re-treatment Interval: 14 days</li> <li>• Rotational Crop Restriction: Crops with registered uses may be planted immediately after the last treatment. Do not plant other crops within 30 days after the last application.</li> </ul>

## USE DIRECTIONS FOR HOPS

(For Use and Distribution Only in the States of Alaska, Idaho, Montana, Nevada, Oregon, Utah, Washington, and Wyoming)

Disease	Albaugh® Sonoma® 20EW AG (fl. oz./acre)	Application Directions	Restrictions
Powdery Mildew ( <i>Uncinula</i> spp.)	3.8–7.6 (0.8 to 1.6 oz. active)	Apply every 7–10 days during emergence to training growth stage. Do not apply less than 3.8 fl. oz. of Albaugh® Sonoma® 20EW AG per acre or adequate efficacy may not be achieved.	Do not make more than 4 applications of Albaugh® Sonoma® 20EW AG per acre per season.  Do not apply more than 76.6 fl. oz. of Albaugh® Sonoma® 20EW AG (1 lb. active ingredient) per acre per season.  <b>Pre-Harvest Interval:</b> Do not apply within 14 days of harvest.  Do not graze livestock in treated areas or harvest crops grown in treated areas for silage or hay.  <b>Chemigation:</b> Do not apply through any type of irrigation system.
	7.6–11.4 (1.6 to 2.4 oz. active)	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 7.6 fl. oz. of Albaugh® Sonoma® 20EW AG per acre or adequate efficacy may not be achieved.	
	11.4–19.0 (2.4 to 4.0 oz. active)	Apply every 7–10 days during wire to 14-day pre-harvest stage. Do not apply less than 11.4 fl. oz. of Albaugh® Sonoma® 20EW AG per acre or adequate efficacy may not be achieved.	

Apply Albaugh® Sonoma® 20EW 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.

**Resistance Management:** Albaugh® Sonoma® 20EW 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 Albaugh® Sonoma® 20EW 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.

## USE DIRECTIONS FOR PEPPERMINT AND SPEARMINT

Disease	Albaugh® Sonoma® 20EW AG (fl. oz./acre)	Application Directions	Restrictions
Powdery Mildew ( <i>Erysiphe</i> spp.) Rust ( <i>Puccinia</i> spp.)	7.6–9.5 (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 28.5 fl. oz. of Albaugh® Sonoma® 20EW AG (0.375 lb. active) per acre per growing season.  Do not apply within 30 days of harvest.

## USE DIRECTIONS FOR SMALL FRUITS

Disease	Albaugh® Sonoma® 20EW AG (fl. oz./acre)	Application Directions	Restrictions
<b>BLACKBERRY+</b>			
Cane and Leaf Rust ( <i>Kuehneola</i> spp.) Orange Rust ( <i>Arthuriomyces</i> spp.) Powdery Mildew ( <i>Sphaerotheca</i> spp.) Yellow Rust ( <i>Phragmidium</i> spp.)	2.37–4.75 (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 19.0 fl. oz. of Albaugh® Sonoma® 20EW AG (0.25 lb. active) per acre per growing season.
<b>CURRENT</b>			
Powdery Mildew ( <i>Sphaerotheca</i> spp.)	9.5 (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 76.6 fl. oz. of Albaugh® Sonoma® 20EW AG (1.0 lb. active) per acre per growing season.

(continued)

## USE DIRECTIONS FOR SMALL FRUITS *(cont.)*

Disease	Albaugh® Sonoma® 20EW AG (fl. oz./acre)	Application Directions	Restrictions
<b>GOOSEBERRY</b>			
Anthracnose <i>(Drepanopeziza spp.)</i>	9.5 (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 76.6 fl. oz. of Albaugh® Sonoma® 20EW AG (1.0 lb. active) per acre per growing season.
Powdery Mildew <i>(Sphaerotheca spp.)</i>		Make applications at pre-bloom, full bloom and 2 weeks later.	
<b>RASPBERRY</b>			
Cane and Leaf Rust <i>(Kuehneola spp.)</i> Leaf Spot <i>(Sphaeruiina spp.)</i> Orange Rust <i>(Arthuriomyces spp.)</i> Powdery Mildew <i>(Sphaerotheca spp.)</i> Yellow Rust <i>(Phragmidium spp.)</i>	2.37–4.75 (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 19.0 fluid ounces of Albaugh® Sonoma® 20EW AG (0.25 lb. active) per acre per growing season.
<b>STRAWBERRY</b>			
Powdery Mildew <i>(Sphaerotheca spp.)</i> Leaf Spot <i>(Mycosphaerella spp.)</i> Leaf Blight <i>(Phomopsis spp.)</i>	4.75–9.5 (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 54.0 fl. oz. of Albaugh® Sonoma® 20EW 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

## USE DIRECTIONS FOR SOYBEANS

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

## USE DIRECTIONS FOR STONE FRUITS

(Applications may be made up to the day of harvest)

Crop/Disease	Albaugh® Sonoma® 20EW AG		Specific Use Instructions	Restrictions
	(fl. oz./100 gal.)*	(fl. oz./acre)		
<b>APRICOTS</b>				
Brown Rot Blossom Blight ( <i>Monilinia</i> spp.)	2.4–3.8 (0.5 to 0.8 oz. active)	4.8–11.5 (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 lbs. active) per acre per season. Applications may be made up to the day of harvest.
Brown Rot Fruit Rot ( <i>Monilinia</i> spp.)			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</i> spp.)			Follow brown rot blossom blight schedule making additional applications at 10- to 14-day intervals until terminal growth ceases.	
Shothole ( <i>Stigmina</i> spp.)			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.

(continued)



## USE DIRECTIONS FOR STONE FRUITS *(cont.)*

(Applications may be made up to the day of harvest)

Crop/Disease	Albaugh® Sonoma® 20EW AG		Specific Use Instructions	Restrictions
	(fl. oz./100 gal.)*	(fl. oz./acre)		
<b>CHERRIES</b>				
Brown Rot Blossom Blight <i>(Monilinia spp.)</i>	2.4–3.8 (0.5 to 0.8 oz. active)	4.8–11.5 (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 lbs. 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 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.	
<b>NECTARINES</b>				
Brown Rot Blossom Blight <i>(Monilinia spp.)</i>	2.4–3.8 (0.5 to 0.8 oz. active)	4.8–11.5 (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 lbs. 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 and 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.	

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

*(continued)*

## USE DIRECTIONS FOR STONE FRUITS *(cont.)*

(Applications may be made up to the day of harvest)

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

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

## USE DIRECTIONS FOR TROPICAL FRUITS

(Black Sapote, Canistel, Mamey Sapote, Mango,  
Papaya, Sapodilla, and Star Apple)

Disease	Albaugh® Sonoma® 20EW AG (fl. oz./acre)	Specific Use Instructions	Restrictions
Powdery mildew ( <i>Oidium caricae</i> )	19.0 (3.94 oz. of active)	<p>Scout crops on a regular basis and treat when disease first appears or when conditions favor disease development.</p> <p>Apply uniformly in a spray volume that provides thorough coverage of the fruit and foliage. Control may be reduced at low spray volumes or if spray coverage is not adequate.</p> <p>Consult your Albaugh representative, extension specialist, certified crop advisor or your state agricultural experiment station for any additional local use recommendations for your area.</p>	<ul style="list-style-type: none"> <li>• Do not apply more than 19.0 fl. oz. of Albaugh® Sonoma® 20EW AG (0.25 lb. ai) per acre per application or 152 fl. oz. of Albaugh® Sonoma® 20EW AG (2.0 lbs. ai) per acre per season.</li> <li>• Do not make more than 8 applications per season.</li> <li>• <b>Pre-harvest Interval:</b> None</li> <li>• <b>Retreatment Interval:</b> 14 days</li> <li>• <b>Rotational Crop Restriction:</b> Do not plant any crop other than those listed on the main label for 12 months following the last application of Albaugh® Sonoma® 20EW AG.</li> </ul>

## USE DIRECTIONS FOR VEGETABLES

Diseases	Albaugh® Sonoma® 20EW AG (fl. oz./acre)	Application Directions	Restrictions
<b>Vegetables - Asparagus</b>			
Rust ( <i>Puccinia</i> spp.)	9.5 (2.0 oz. active)	<p>Begin applications to the developing ferns after harvest has taken place.</p> <p>Repeat applications on a schedule not to exceed 14 days.</p> <p>Apply with a spray adjuvant, such as Latron B-1956 or Latron CS-7.</p>	<p>Do not apply to harvestable spears.</p> <p>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 9.5 fl. oz. (0.125 lb. active) per growing season. This is equivalent to 57.0 fl. oz. product (0.75 lb. 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 9.5 fl. oz. (0.125 lb. active) or 38.0 fl. oz. of product (0.5 lb. active) per acre per year.</p> <p>In California, either a 30- or 180-day treatment to harvest interval may be used.</p>
<b>Vegetables - Cucurbits</b>			
<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</b>			
Powdery Mildew ( <i>Erysiphe</i> and <i>Sphaerotheca</i> spp.)	4.75–9.5 (1.0 to 2.0 oz. active)	<p>Begin application at first sign of disease development and continue on a 7- to 10-day application schedule.</p> <p>For the control of other foliar cucurbit diseases, co-applications of registered protectant fungicides should be made according to label use directions.</p>	<p>Do not apply more than 46.0 fl. oz. of Albaugh® Sonoma® 20EW AG (0.6 lb. active) per acre per crop.</p> <p>Applications may be made up to, and including the day of harvest.</p> <p>Observe a 30-day plant-back interval between the last application and planting new crops at the treatment site.</p>

(continued)

## USE DIRECTIONS FOR VEGETABLES *(cont.)*

Diseases	Albaugh® Sonoma® 20EW AG (fl. oz./acre)	Application Directions	Restrictions
<b>Vegetables - Head and Leaf Lettuce</b>			
Powdery mildew <i>(Erysiphe cichoracearum)</i>	9.5	<p>Scout crops on a regular basis and treat when disease first appears or when conditions favor disease development.</p> <p>Apply uniformly in a spray volume that provides thorough coverage. Control may be reduced at low spray volumes or if spray coverage is not adequate.</p> <p>Consult your Albaugh representative, extension specialist, certified crop advisor or your state agricultural experiment station for any additional local use recommendations for your area.</p>	<ul style="list-style-type: none"> <li>• Do not apply more than 9.5 fl. oz. of Albaugh® Sonoma® 20EW AG (0.125 lb. ai) per acre per application or 38.0 fl. oz. of Albaugh® Sonoma® 20EW AG (0.5 lb. ai) per acre per season.</li> <li>• Do not make more than 4 applications per season.</li> <li>• <b>Pre-harvest Interval:</b> Do not harvest within 3 days of application.</li> <li>• <b>Retreatment Interval:</b> 14 days</li> </ul>

*(continued)*

## USE DIRECTIONS FOR VEGETABLES *(cont.)*

Diseases	Albaugh® Sonoma® 20EW AG (fl. oz./acre)	Application Directions	Restrictions
<b>Vegetables - Okra</b> <b>(Not for Use In the States of Alaska, Arizona, California, Hawaii, Idaho, Montana, Nevada, Oregon, Utah, Washington, Wyoming)</b>			
Powdery mildew <i>(Sphaerotheca fuliginea)</i>	4.7–9.5	<p>Scout crops on a regular basis and treat when disease first appears or when conditions favor disease development.</p> <p>Apply uniformly in a spray volume that provides thorough coverage of the fruit and foliage. Control may be reduced at low spray volumes or if spray coverage is not adequate.</p> <p>A lower rate and 14-day retreatment interval may be used for small plants and under low disease pressure conditions.</p> <p>The highest rate and shorter retreatment interval are recommended for larger plants and severe or threatening disease conditions. If reliable predictive modeling (risk index) systems are available, these can help to indicate disease pressure conditions.</p> <p>Consult your Albaugh representative, extension specialist, certified crop advisor or your state agricultural experiment station for any additional local use recommendations for your area.</p>	<ul style="list-style-type: none"> <li>• Do not apply more than 9.5 fl. oz. of Albaugh® Sonoma® 20EW AG (0.125 lb. ai) per acre per application or 38.0 fl. oz. Albaugh® Sonoma® 20EW AG (0.5 lb. ai) per acre per season.</li> <li>• Do not make more than 4 applications per season.</li> <li>• <b>Pre-harvest Interval:</b> None</li> <li>• <b>Minimum Retreatment Interval:</b> 10 to 14 days</li> </ul>

*(continued)*

## USE DIRECTIONS FOR VEGETABLES *(cont.)*

Diseases	Albaugh® Sonoma® 20EW AG (fl. oz./acre)	Application Directions	Restrictions
<b>Vegetables - Peppers (Bell Pepper, Chili Pepper, Cooking Pepper, Pimento, Sweet Pepper) and Eggplant (Not for Use In the States of Alaska, Arizona, California, Hawaii, Idaho, Montana, Nevada, Oregon, Utah, Washington, Wyoming)</b>			
Powdery mildew <i>(Leveillula taurica)</i>	4.75–9.5	<p>Scout crops on a regular basis and treat when disease first appears or when conditions favor disease development.</p> <p>Apply uniformly in a spray volume that provides thorough coverage of the fruit and foliage. Control may be reduced at low spray volumes or if spray coverage is not adequate.</p> <p>A lower rate and 14-day retreatment interval may be used for small plants and under low disease pressure conditions.</p> <p>The highest rate and shorter retreatment interval are recommended for larger plants and severe or threatening disease conditions. If reliable predictive modeling (risk index) systems are available, these can help to indicate disease pressure conditions. Consult your Albaugh representative, extension specialist, certified crop advisor or your state agricultural experiment station for any additional local use recommendations for your area.</p>	<ul style="list-style-type: none"> <li>• Do not apply more than 9.5 fl. oz. of Albaugh® Sonoma® 20EW AG (0.125 lb. ai) per acre per application or 38.0 fl. oz. of Albaugh® Sonoma® 20EW AG (0.5 lb. ai) per acre per season.</li> <li>• Do not make more than 4 applications per season.</li> <li>• <b>Pre-harvest Interval:</b> None</li> <li>• <b>Minimum Retreatment Interval:</b> 10 to 14 days</li> </ul>

*(continued)*

## USE DIRECTIONS FOR VEGETABLES *(cont.)*

<b>Vegetables - Snap Beans</b>			
Rust <i>(Uromyces spp.)</i> Pod Tip Rot <i>(Rhizoctonia spp.)</i>	7.6–9.5 (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 38.0 fl. oz. of Albaugh® Sonoma® 20EW AG (0.5 lb. 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>Vegetables - Tomatoes</b>			
Powdery Mildew <i>(Leveillula spp.)</i>	4.75–7.6 (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 38.0 fl. oz. of Albaugh® Sonoma® 20EW AG (0.5 lb. 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.

## USE DIRECTIONS FOR NON-FOOD USE

Diseases	Albaugh® Sonoma® 20EW AG (fl. oz./acre)	Application Directions	Restrictions
<b>HYBRID POPLAR (For use in nurseries or forested areas used for wood pulp production)</b>			
Rust <i>(Melampsora spp.)</i>	7.6–11.4 (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 46.0 fl. oz. of Albaugh® Sonoma® 20EW AG (0.6 lb. active) per acre per year.
<b>DOUGLAS FIR (Nursery Use Only)</b>			
Needle Rust <i>(Melampsora spp.)</i>	9.5–19.0 (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 46.0 fl. oz. of Albaugh® Sonoma® 20EW AG (0.6 lb. active) per acre per year.



## USE DIRECTIONS FOR NON-FOOD USE *(cont.)*

Diseases	Albaugh® Sonoma® 20EW AG (fl. oz./acre)	Application Directions	Restrictions
<b>LOBLOLLY PINE (Nursery Use Only)</b>			
Fusiform Rust <i>(Cronartium quercuum)</i>	9.5–19.0 (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 46.0 fl. oz. of Albaugh® Sonoma® 20EW AG (0.6 lb. active) per acre per year.

## USE DIRECTIONS FOR GRAPES

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

Disease	Albaugh® Sonoma® 20EW AG (fl. oz./acre)	Specific Use Instructions	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.  Do not apply more than 46 fl. oz. of Albaugh® Sonoma® 20EW AG (0.6 lb. active ingredient) per acre per year.
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 that does not exceed 14 days. Use higher rate in rate range 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 in rate range or shorter spray interval on susceptible varieties or under heavy disease pressure.	

## **Aid in the Control of Certain Vine Diseases Following Pruning in Grapevines**

To protect pruning wounds from vine diseases caused by *Botryosphaeria rhodina*, *Eutypa lata*, *Phaeoacremonium aleophilum* or *Phaeomoniella chlamydospora*, apply Albaugh® Sonoma® 20EW AG at 9.5 fl. oz. per acre in 50 gallons of water per acre using power operated ground application equipment. Lower application volumes may be used only if the spray thoroughly wets all susceptible grapevine tissue and the same ratio of Albaugh® Sonoma® 20EW AG to water is maintained: 7.6 fl. oz. of Albaugh® Sonoma® 20EW AG per acre in 42 gallons of water, or 5.7 fl. oz. of Albaugh® Sonoma® 20EW AG per acre in 33 gallons of water per acre. Control may be reduced at these lower application rates. Do not apply less than 7.6 fl. oz. of Albaugh® Sonoma® 20EW AG per acre per application.

Apply as a directed spray immediately after pruning (within 24 hours). Assure thorough coverage of cordons, spurs and all cut wood surfaces. A second application approximately two weeks later is recommended. A second application is necessary if rainfall occurs or if humid conditions persist.

Double-pruning involves two pruning passes. Canes first are cut non-selectively to a uniform height. Later, selective pruning reduces canes to their final spur length. When conditions do not favor infections developing beyond where the final pruning cuts will be made, the first pass pruning cuts do not need to be treated. In this case, apply Albaugh® Sonoma® 20EW AG immediately after the second pruning only. Make a second application approximately two weeks later if rainfall occurs or is expected, or if conditions favor spore dispersal and germination. If there is risk of infection moving beyond the second set of pruning cuts, applications should be made after the first and second prunings.

The addition of a labeled rate of a registered organosilicone spray adjuvant may increase penetration into cut wood surfaces. It is the responsibility of the user to assure that the organosilicone spray adjuvant is safe to the crop under the existing conditions of use. Addition of a registered spray dye to the tank mix, and visual inspection of pruning cuts after application, is recommended to assure thorough coverage of all susceptible tissue.

### **Specific Use Restrictions:**

- Do not apply more than 45.6 fl. oz. of Albaugh® Sonoma® 20EW AG per acre per year including these applications and applications for powdery mildew control.

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## **COTTON SEED TREATMENT**

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Use Albaugh® Sonoma® 20EW AG as a seed treatment to protect against sore shin (*Rhizoctonia solani*) and black root rot (*Thielaviopsis basicola*), diseases which impair good cotton seed germination and seedling development. Albaugh® Sonoma® 20EW AG may be applied to dry seed with conventional slurry or mist seed treating equipment. This product can be pumped or poured directly into the cotton seed treater provided the recommended amount of product is applied. For best results, the seed must be completely and uniformly covered with fungicide. Albaugh® Sonoma® 20EW AG can be tank mixed with other properly labeled cotton seed protectants such as Apron TL for *Pythium* control. Do not tank mix with products whose labels contain a prohibition against tank mixing.

### **Commercial Cotton Seed Treatment**

Label treated seed “This seed is treated with Albaugh® Sonoma® 20EW AG 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 foodstuff.”

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

Use 1.52 to 4.75 fl. oz. of Albaugh® Sonoma® 20EW AG (0.019 to 0.062 lb. ai) per 100 lbs. of cotton seed to reduce seedling damage caused by sore shin (*Rhizoctonia solani*) and black root rot (*Thielaviopsis basicola*).

For cotton seed treatment, always use Albaugh® Sonoma® 20EW AG with an EPA-approved dye or colorant that imparts an unnatural color to seed.

### **On Farm Cotton Seed Treatment**

For mechanical treaters or hopper box treatments, dilute 1.52 to 4.75 fl. oz. of Albaugh® Sonoma® 20EW AG with 8 to 10 fl. oz. of water and apply per 100 lbs. of cotton seed. Other cotton seed hopper box products as DeltaCoat AD or DeltaCoat ND may be applied with Albaugh® Sonoma® 20EW AG. Always follow the label directions on the respective products.

For on farm cotton seed treatment, loaders must wear a chemical-resistant apron in addition to the PPE listed on the label affixed to the container.

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## TERMS AND CONDITIONS OF USE

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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**.

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### WARRANTY DISCLAIMER

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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.**

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### INHERENT RISKS OF USE

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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.

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### LIMITATION OF REMEDIES

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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.'s 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 consistent with applicable law, Albaugh, Inc, the manufacturer, or the seller shall not be liable for consequential, special, or indirect damages resulting from the use, handling, application, storage, or disposal of this product or for damages in the nature of penalties, and the buyer and the user waive any right that they may have to such damages.

The terms of the **Warranty Disclaimer** and **Inherent Risks of Use** above and this **Limitation of Remedies** cannot be varied by any written or verbal statements or agreements. No employee or sales agent of Albaugh, Inc. or the seller is authorized to vary or exceed the terms of the **Warranty Disclaimer** or this **Limitation of Remedies** in any manner.

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