


55146-104

10/09/2008

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 <p style="text-align: center;">U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Registration Division (7505P) 1200 Pennsylvania Ave., N.W. Washington, D.C. 20460</p> <p style="text-align: center;">NOTICE OF PESTICIDE: <input checked="" type="checkbox"/> Registration <input type="checkbox"/> Reregistration (under FIFRA, as amended)</p>	<p>EPA Reg. Number:</p> <p style="text-align: center;">55146-104</p>	<p>Date of Issuance:</p> <p style="text-align: center;">OCT 9 2008</p>
	<p>Term of Issuance:</p> <p style="text-align: center;">Unconditional</p>	
	<p>Name of Pesticide Product:</p> <p style="text-align: center;">NUP-08103</p>	
<p>Name and Address of Registrant (include ZIP Code):</p> <p>NuFarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527</p>		
<p>Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.</p>		
<p>On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act. Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.</p> <p>This product is registered in accordance with FIFRA section 3(c)(7)(A) provided that you:</p> <ol style="list-style-type: none"> 1. Submit and/or cite all data required for registration of your product under FIFRA sec 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4. 		
<p>Signature of Approving Official:</p> <p style="text-align: center;"><i>Shaja B. Joyner</i></p> <p>Shaja B. Joyner, Product Manager (20) Fungicide Branch, Registration Division (7505P)</p>		<p>Date:</p> <p style="text-align: center;">10/9/08</p>

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Notice of Pesticide Registration
NUP-08103
EPA Reg. No. 55146-104
Page 2

2. Make the following changes to the label:

- a. Change the product registration number to "EPA Reg. No. 55146-104"
- b. In the section **PERSONAL PROTECTIVE EQUIPMENT (PPE)** on page 2 change "If no such instructions for washables...." to "If no such instructions exist...."
- c. In the **USER SAFETY RECOMMENDATIONS** box change "Wash hands, face, and arms with soap...." to "Wash hands with soap...."
- d. In the notes following each of the tables for apricots, cherries, nectarines, peaches, plums and prunes:
 - 1. Delete "Applications may be made up to the day of harvest."
 - 2. Add "+ 250 gallon dilute spray per acre basis"
 - 3. Add the footnote mark "++" before the sentence "Do not apply more than...."

3. Submit one copy of the revised final printed label for the record before the product is released for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A copy of the label stamped "Accepted with Comments" is enclosed for your records.

Shaja B. Joyner
Product Manager (20)
Fungicide Branch
Registration Division (7505P)

Enclosure: Label stamped "Accepted with Comments"

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
WARNING - AVISO**

Causes substantial but temporary eye injury. Harmful if inhaled, swallowed or absorbed through skin. Do not get in eyes or on clothing. Wear goggles, face shield, or safety glasses. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse.

PERSONAL PROTECTIVE EQUIPMENT (PPE):

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for Category A on an EPA chemical-resistance category selection chart.

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

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

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/ maintaining. PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

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

FIRST AID	
IF IN EYES	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15 to 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	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by a poison control center or doctor. • Do not give anything by mouth to an unconscious person.
IF ON SKIN OR CLOTHING	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15 to 20 minutes. • Call a poison control center or doctor for treatment advice.
IF INHALED	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.

HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-877-325-1840 for emergency medical treatment information.	

ENVIRONMENTAL HAZARDS

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

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

DIRECTIONS FOR USE

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

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about Personal Protective Equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 24 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is: Coveralls, chemical-resistant gloves made of any waterproof material, shoes plus socks and goggles, face shield, or safety glasses.

GENERAL USE INFORMATION

Read all Directions for Use carefully before applying.

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

Handling

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

Use Rate Determination

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

Rotational Crops

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

Application

Ground:

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

Aerial:

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

CHEMIGATION USE DIRECTIONS

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

- Apply this product only through sprinkler irrigation systems including center-pivot, lateral move, end tow, side (wheel) roll, traveler, solid set, or hand move irrigation systems. Do not apply product through any other type of irrigation system.
- Lack of fungicidal effectiveness or illegal pesticide residues in the crop can result from nonuniform distribution of treated water.
- If you have questions about calibration, you should contact State Extension Service specialist, equipment manufacturers or other experts.
- Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the pesticide label-prescribed safety devices for public water system are in place.
- A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.

Before applying this product through sprinkler irrigation equipment, the chemigation system must meet the following specifications:

- Public water system means a system for the provision to the public of piped water for human consumption if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days out of the year.
- Chemigation systems connected to public water systems must contain a functional reduced-pressure zone (RPZ), backflow preventer or the functional equivalent in the water supply line upstream from the point of pesticide introduction. As an option to the RPZ, the water from the public water system should be discharged into a reservoir tank prior to pesticide introduction. There shall be a complete physical break (air gap) between the outlet end of the fill pipe and the top or overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe.

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- Systems not connected to a public water supply must contain a functional check valve, vacuum relief valve, and low-pressure drain appropriately located in the irrigation pipeline to prevent water source contamination from back flow.
- The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
- The pesticide injection pipeline must also contain a functional, normally closed solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
- The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops, or in cases where there is no water pump, when the water pressure decreases to the point where pesticide distribution is adversely affected.
- The irrigation line or water pump, must include a functional pressure switch that will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.
- Systems must use a metering pump, such as a positive displacement injection pump (e.g. diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
- Do not apply when wind speed favors drift beyond the area intended for treatment.

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

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

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

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

Mixing

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

Compatibility

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

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

GENERAL USE DIRECTIONS FOR TREE FRUITS

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

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

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

Determination of Use Rates on an Acre Basis

The amount of this product required per acre varies with tree size and the volume of fruit and foliage to be treated. The following summary table may be used as additional guidance for the determination of appropriate per acre use rates for this product:

PRODUCT USE RATES PER ACRE GUIDE FOR TREE FRUITS (OUNCES PER ACRE)		
TREE HEIGHT (feet)	APPLES AND MAYHAWES (ounces/acre)	STONE FRUITS (ounces/acre)
up to 10 ft.	2.50 to 5.0	2.50 to 4.0
15 ft.	3.75 to 6.0	4.00 to 6.0
20 ft. +	5.00 to 10.0	6.0

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

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

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

$$\frac{5 \text{ ounces of this product per acre}}{80 \text{ gallons of spray applied}} \times 100 = 6.25 \text{ ounces of this product per 100 gallons}$$

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

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

ALMONDS
(For Use in Arizona, California and Hawaii Only)

DISEASES	RATE OF PRODUCT		USE INSTRUCTIONS**
	Ounces per 100 gallons +	Ounces per Acre	
Blossom Blight (<i>Monilinia spp.</i>)	1.25 to 2.0 (0.5 to 0.8 oz. active)	5.0 to 8.0 (2.0 to 3.2 oz. active)	Begin applications at pink bud stage (about 5% bloom). If conditions are favorable for disease development, apply again at full bloom and at petal fall.
Shothole (<i>Stigmia spp.</i>)			
Rust (<i>Tranzchelia spp.</i>)			Apply 6 ounces (2.4 oz. active) per acre. Begin application approximately 8 weeks after flowering if environmental conditions are favorable for disease development. For optimum disease control, do not apply on an application schedule exceeding 21 days.
Anthracnose (<i>Colletotrichum spp.</i>)			The applications of this product for control of blossom blight and shothole will suppress anthracnose.

RESTRICTIONS:

Do not apply within 90 days of harvest.

Do not make more than 3 applications or apply more than 1.5 pounds of this product (0.6 pound active ingredient) per acre per year.

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

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

GRAPES

DISEASES	RATE OF PRODUCT (Ounces per Acre)	USE INSTRUCTIONS
Anthracnose (<i>Elsinoe spp.</i>)	3.0 to 5.0 (1.2 to 2.0 oz. active)	Begin application when new shoots are 1 to 3 inches in length and continue on an application schedule, which does not exceed 14 days.
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 which does not exceed 14 days. Use higher rate under heavy disease pressure. Post Infection Schedule: Apply within 72 hours after the beginning of an infection period.
Powdery Mildew (<i>Uncinula spp.</i>)		Begin application at prebloom (12- to 18-inch shoots) and do not extend applications beyond a 21-day interval. Use higher rate or shorter spray interval on susceptible varieties or under heavy disease pressure.

RESTRICTIONS:

Do not apply within 14 days of harvest.

Do not apply more than 1.5 pounds of this product (0.6 pound active ingredient) per acre per year.

HOPS
 (FOR USE AND DISTRIBUTION ONLY IN THE STATES OF ALASKA, IDAHO,
 MONTANA, NEVADA, OREGON, UTAH, WASHINGTON AND WYOMING)

DISEASES	RATE OF PRODUCT (Ounces per Acre)	USE INSTRUCTIONS
Powdery Mildew (<i>Uncinula spp.</i>)	2.0 to 4.0 (0.8 to 1.6 oz. active)	Apply every 7 to 10 days during emergence to training growth stage. Do not apply less than 2 ounces of this product per acre or adequate efficacy may not be achieved.
	4.0 to 6.0 (1.6 to 2.4 oz. active)	Apply every 5 to 10 days during training to wire growth stage (prior to beginning of bloom when vines are rapidly growing). Do not apply less than 4 ounces of this product per acre or adequate efficacy may not be achieved.
	6.0 to 10.0 (2.4 to 4.0 oz. active)	Apply every 7 to 10 days during wire to 14 day pre-harvest stage. Do not apply less than 6 ounces of this product per acre or adequate efficacy may not be achieved.

RESTRICTIONS:

Do not make more than 4 applications of this product per acre per season.
 Do not apply more than 2.5 pounds of this product (1.0 pound active ingredient) per acre per year.

PRE-HARVEST INTERVAL:

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.

CHEMIGATION:

Do not apply through any type of irrigation system.

Apply this product 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: This product belongs to the sterol demethylation inhibitor (DMI) class of fungicides and is classified as a Group 3 Fungicide by the Environmental Protection Agency (EPA). Since certain fungi can develop resistance to this class of products, the use of this product 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.

PEPPERMINT AND SPEARMINT

DISEASES	RATE OF PRODUCT (Ounces per Acre)	USE INSTRUCTIONS
Powdery Mildew (<i>Uncinula spp.</i>)	4.0 to 5.0 (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.
Rust (<i>Puccinia spp.</i>)		

RESTRICTIONS:

Do not apply within 30 days of harvest.
 Do not apply more than 15 ounces of this product (0.375 pound active ingredient) per acre per growing season.

APPLES AND MAYHAWES

DISEASES	RATE OF PRODUCT (Ounces per 100 gallons) +	USE INSTRUCTIONS
Powdery Mildew (<i>Podosphaera spp.</i>)	1.25 to 2.5 (0.5 to 1.0 oz. active)	Begin application at tight cluster and continue through the second cover spray. Additional sprays beyond second cover may be needed on susceptible varieties or under heavy disease pressure. Use high label rate if powdery mildew was present in previous years.
Rusts (<i>Gymnosporangium spp.</i>)	1.25 to 2.0 (0.5 to 0.8 oz. active)	Begin applications at pink stage and continue through the second cover spray.
Scab (<i>Venturia spp.</i>) Prebloom	1.25 to 2.0 (0.5 to 0.8 oz. active)	Begin application at green tip or when environmental conditions become favorable for primary scab development. Apply this product alone or tank mixed with a protectant fungicide on a 7- to 10-day schedule.
Bloom, Postbloom	1.25 to 2.0 (0.5 to 0.8 oz. active)	Use this product in a tank mixture with the correct labeled rate of a protectant fungicide, registered for use on apples, for improved fruit scab and summer disease control.
Post Infection	2.0 (0.8 oz. active)	This product provides 96-hour post-infections control or curative activity. Apply as soon as possible after infection period. Follow with a standard preventative spray schedule.

RESTRICTIONS:

Do not apply more than 5 pounds of this product (2 pounds active ingredient) per acre per season.
Do not apply within 14 days of harvest.

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

SMALL FRUITS

BLACKBERRY +

DISEASES	RATE OF PRODUCT (Ounces per Acre)	USE INSTRUCTIONS
Cane and Leaf Rust (<i>Kuehneola spp.</i>) Orange Rust (<i>Arthuriomyces spp.</i>) Powdery Mildew (<i>Sphaerotheca spp.</i>) Yellow Rust (<i>Phragmidium spp.</i>)	1.25 to 2.5 (0.5 to 1.0 oz. active)	Applications should be initiated as early as bud break and should continue at 10- to 14-day intervals, depending on the disease(s) to be controlled. Use the shorter spray interval under heavy disease pressure.

Restrictions:

Applications may be made up to the day of harvest.

Do not apply more than 10 ounces of this product (0.25 pound active ingredient) per acre per growing season.

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

- | | | | |
|---------------------|-------------------------|------------------------|--------------------|
| bingleberry | Darrowberry | Lucretiaberry | rangeberry |
| black satin berry | dewberry | mammoth blackberry | ravenberry |
| boysenberry | Dirksen thornless berry | marionberry | rossberry |
| Cherokee blackberry | Himalayaberry | Nectarberry | Shawnee blackberry |
| Chesterberry | hullberry | olallieberry | youngberry |
| Cheyenne blackberry | Lavacaberry | Oregon evergreen berry | |
| Coryberry | lowberry | phenomenalberry | |

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CURRENT

DISEASES	RATE OF PRODUCT (Ounces per Acre)	USE INSTRUCTIONS
Powdery Mildew (<i>Sphaerotheca spp.</i>)	5.0 (2.0 oz. active)	Make applications at pre-bloom, full bloom and 2 weeks later.

Restrictions:

Applications may be made up to the day of harvest.

Do not apply more than 40 ounces of this product (1.0 pound active ingredient) per acre per growing season.

GOOSEBERRY

DISEASES	RATE OF PRODUCT (Ounces per Acre)	USE INSTRUCTIONS
Anthrachnose (<i>Drepanopeziza spp.</i>)	5.0 (2.0 oz. active)	Begin applications when the first leaf has completely unfolded, then at 10- to 14-day intervals as long as environmental conditions favor continued disease development.
Powdery Mildew (<i>Sphaerotheca spp.</i>)		Make applications at pre-bloom, full bloom and 2 weeks later.

Restrictions:

Applications may be made up to the day of harvest.

Do not apply more than 40 ounces of this product (1.0 pound active ingredient) per acre per growing season.

RASPBERRY

DISEASES	RATE OF PRODUCT (Ounces per Acre)	USE INSTRUCTIONS
Cane and Leaf Rust (<i>Kuehneola spp.</i>)	1.25 to 2.5 (0.5 to 1.0 oz. active)	Applications should be initiated as early as bud break and should continue at 10- to 14-day intervals, depending on the disease(s) to be controlled. Use the shorter spray interval under heavy disease pressure.
Leaf Spot (<i>Sphaerium spp.</i>)		
Orange Rust (<i>Arthuriomyces spp.</i>)		
Powdery Mildew (<i>Sphaerotheca spp.</i>)		
Yellow Rust (<i>Phragmidium spp.</i>)		

Restrictions:

Applications may be made up to the day of harvest.

Do not apply more than 10 ounces of this product (0.25 pound active ingredient) per acre per growing season.

STRAWBERRY

DISEASES	RATE OF PRODUCT (Ounces per Acre)	USE INSTRUCTIONS
Powdery Mildew (<i>Sphaerotheca spp.</i>)	2.5 to 5.0 (1.0 to 2.0 oz. active)	Begin applications when disease first appears or when conditions favor disease development. Repeat applications at 14- to 21-day intervals.
Leaf Spot (<i>Mycosphaerella spp.</i>)		
Leaf Blight (<i>Phomopsis spp.</i>)		

Restrictions:

Applications may be made up to the day of harvest.

Do not apply more than 30 ounces of this product (0.75 pound active ingredient) per acre per year.

Observe a 30-day plant-back interval between the last application and planting new crops at the treatment site.

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STONE FRUITS

APRICOTS

DISEASES	RATE OF PRODUCT		USE INSTRUCTIONS**
	Ounces per 100 gallons +	Ounces per Acre	
Brown Rot Blossom Blight (<i>Monilinia spp.</i>)	1.25 to 2.0 (0.5 to 0.8 oz. active)	2.5 to 6.0 (1.0 to 2.4 oz. active)	Begin application at early red bud stage, before infection occurs. If conditions are favorable for disease development, apply again at full bloom and at petal fall.
Brown Rot (<i>Monilinia spp.</i>)			Apply 6 ounces (2.4 oz. active) per acre on a 7- to 14-day schedule. Applications should be made whenever environmental conditions favor disease development during the month prior to harvest.
Powdery Mildew (<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.

RESTRICTIONS:

Applications may be made up to the day of harvest.

Do not apply more than 2.75 pounds of this product (1.1 pounds active ingredient) per acre per growing season.

CHERRIES

DISEASES	RATE OF PRODUCT		USE INSTRUCTIONS**
	Ounces per 100 gallons +	Ounces per Acre	
Brown Rot Blossom Blight (<i>Monilinia spp.</i>)	1.25 to 2.0 (0.5 to 0.8 oz. active)	2.5 to 6.0 (1.0 to 2.4 oz. active)	Begin application at early popcorn stage, before infection occurs. If conditions are favorable for disease development, apply again at full bloom and at petal fall.
Brown Rot (<i>Monilinia spp.</i>)			Apply 6 ounces (2.4 oz. active) per acre on a 7- to 14-day schedule. Applications should be made whenever environmental conditions favor disease development during the month prior to harvest.
Powdery Mildew (<i>Podosphaera spp.</i> and <i>Sphaerotheca spp.</i>)			Follow brown rot blossom blight schedule making additional applications at 10- to 14-day intervals until terminal growth ceases.
Leaf Spot (<i>Blumeriella spp.</i>)			Follow brown rot blossom blight schedule and continue applications at 7- to 10-day intervals. Make additional applications after harvest.

RESTRICTIONS:

Applications may be made up to the day of harvest.

Do not apply more than 3.25 pounds of this product (1.3 pounds active ingredient) per acre per growing season.

NECTARINES

DISEASES	RATE OF PRODUCT		USE INSTRUCTIONS**
	Ounces per 100 gallons +	Ounces per Acre	
Brown Rot Blossom Blight (<i>Monilinia spp.</i>)	1.25 to 2.0 (0.5 to 0.8 oz. active)	2.5 to 6.0 (1.0 to 2.4 oz. active)	Begin application at early pink bud stage, before infection occurs. If conditions are favorable for disease development, apply again at full bloom and at petal fall.
Brown Rot (<i>Monilinia spp.</i>)			Apply 6 ounces (2.4 oz. active) per acre on a 7- to 14-day schedule. Applications should be made whenever environmental conditions favor disease development during the month prior to harvest.
Powdery Mildew (<i>Podosphaera spp.</i> and <i>Sphaerotheca spp.</i>)			Follow brown rot blossom blight schedule making additional applications at 10- to 14-day intervals until terminal growth ceases.
Shothole (<i>Stigmia spp.</i>)			Follow brown rot blossom blight schedule making additional applications at 7- to 10-day intervals as long as needed.

RESTRICTIONS:

Applications may be made up to the day of harvest.

Do not apply more than 3.25 pounds of this product (1.3 pounds active ingredient) per acre per growing season.

PEACHES

DISEASES	RATE OF PRODUCT		USE INSTRUCTIONS**
	Ounces per 100 gallons +	Ounces per Acre	
Brown Rot Blossom Blight (<i>Monilinia spp.</i>)	1.25 to 2.0 (0.5 to 0.8 oz. active)	2.5 to 6.0 (1.0 to 2.4 oz. active)	Begin application at early pink bud stage, before infection occurs. If conditions are favorable for disease development, apply again at full bloom and at petal fall.
Brown Rot (<i>Monilinia spp.</i>)			Apply 6 ounces (2.4 oz. active) per acre on a 7- to 14-day schedule. Applications should be made whenever environmental conditions favor disease development during the month prior to harvest.
Powdery Mildew (<i>Podosphaera spp.</i>)			Follow brown rot blossom blight schedule making additional applications at 10- to 14-day intervals until terminal growth ceases.
Rust (<i>Tranzchelia spp.</i>)			Apply 6 ounces (2.4 oz. active) per acre. Begin application approximately 8 weeks after flowering if environmental conditions are favorable for disease development. For optimum disease control, do not apply on an application schedule exceeding 21 days.

RESTRICTIONS:

Applications may be made up to the day of harvest.

Do not apply more than 3.25 pounds of this product (1.3 pounds active ingredient) per acre per growing season.

PLUMS AND PRUNES

DISEASES	RATE OF PRODUCT		USE INSTRUCTIONS**
	Ounces per 100 gallons †	Ounces per Acre	
Brown Rot Blossom Blight (<i>Monilinia spp.</i>)	1.25 to 2.0 (0.5 to 0.8 oz. active)	2.5 to 6.0 (1.0 to 2.4 oz. active)	Begin application at early pink bud stage, before infection occurs. If conditions are favorable for disease development, apply again at full bloom and at petal fall.
Brown Rot (<i>Monilinia spp.</i>)			Apply 6 ounces (2.4 oz. active) per acre on a 7- to 14-day schedule. Applications should be made whenever environmental conditions favor disease development during the month prior to harvest.
Rust (<i>Tranzschelia spp.</i>)			Apply 6 ounces (2.4 oz. active) per acre. Begin application approximately 8 weeks after flowering if environmental conditions are favorable for disease development. For optimum disease control, do not apply on an application schedule exceeding 21 days.

RESTRICTIONS:

Applications may be made up to the day of harvest.
Do not apply more than 2.75 pounds of this product (1.1 pounds active ingredient) per acre per growing season.

VÉGETABLES

ASPARAGUS

DISEASES	RATE OF PRODUCT (Ounces per Acre)	USE INSTRUCTIONS
Rust (<i>Puccinia spp.</i>)	5.0 (2.0 oz. active)	Begin applications to the developing ferns after harvest has taken place. Repeat applications on a schedule not to exceed 14 days. Apply with a spray adjuvant, such as Latron® B-1956 or Latron® CS-7.

RESTRICTIONS:

Do not apply to harvestable spears. Do not apply within 180 days of harvest in all states except California.
When 180-day treatment to harvest is used, do not make more than 6 applications of 5 ounces of this product (0.125 pound active ingredient) per growing season. This is equivalent to 30 ounces of this product (0.75 pound active ingredient) per acre per year.
When a 30-day treatment to harvest interval is used, do not make more than 4 applications of 5 ounces of this product (0.125 pound active ingredient) or 20 ounces of this product (0.5 pound active ingredient) per acre per year.
In California, either a 30- or 180-day treatment to harvest interval may be used.

CUCURBITS

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.

DISEASES	RATE OF PRODUCT (Ounces per Acre)	USE INSTRUCTIONS
Powdery Mildew (<i>Erysiphe and Sphaerotheca spp.</i>)	2.5 to 5.0 (1.0 to 2.0 oz. active)	Begin application at first sign of disease development and continue on a 7- to 10-day application schedule. For the control of other foliar cucurbit diseases, co-applications of registered protectant fungicides should be made according to label use directions.

RESTRICTIONS:

Applications may be made up to, and including, the day of harvest.
Do not apply more than 1.5 pounds of this product (0.6 pound active ingredient) per acre per crop.
Observe a 30-day plant-back interval between the last application and planting new crops at the treatment site.

SNAP BEANS

DISEASES	RATE OF PRODUCT (Ounces per Acre)	USE INSTRUCTIONS
Rust (<i>Puccinia spp.</i>) Pod Tip Rot (<i>Rhizoctonia spp.</i>)	4.0 to 5.0 (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.

RESTRICTIONS:

Applications may be made up to, and including, the day of harvest.

Do not apply more than 1.25 pounds of this product (0.5 pound active ingredient) per acre per crop.

Observe a 30-day plant-back interval between the last application and planting new crops at the treatment site.

TOMATOES

DISEASES	RATE OF PRODUCT (Ounces per Acre)	USE INSTRUCTIONS
Powdery Mildew (<i>Leveillula spp.</i>)	2.5 to 4.0 (1.0 to 1.6 oz. active)	Begin applications at the first sign of disease or when environmental conditions are favorable for disease development. Do not exceed 21 days between application intervals. Apply using a minimum of 20 gallons of water per acre by ground or a minimum of 10 gallons by air.

RESTRICTIONS:

Applications may be made up to, and including, the day of harvest.

Do not apply more than 1.25 pounds of this product (0.5 pound active ingredient) per acre per crop.

Observe a 30-day plant-back interval between the last application and planting new crops at the treatment site.

NON-FOOD USE

HYBRID POPLAR

(FOR USE IN NURSERIES OR FORESTED AREAS USED FOR WOOD PULP PRODUCTION)

DISEASES	RATE OF PRODUCT (Ounces per Acre)	USE INSTRUCTIONS
Rust (<i>Melampsora spp.</i>)	4.0 to 6.0 (1.6 to 2.4 oz. active)	Begin applications at the first sign of disease and repeat applications at 10- to 14-day intervals.

RESTRICTIONS:

Do not apply more than 1.5 pounds of this product (0.6 pound active ingredient) per acre per year.

DOUGLAS FIR

(FOR USE IN NURSERIES ONLY)

DISEASES	RATE OF PRODUCT (Ounces per Acre)	USE INSTRUCTIONS
Needle Rust (<i>Melampsora spp.</i>)	5.0 to 10.0 (2.0 to 4.0 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® B-1956 or Latron® CS-7, should be added to obtain good spray coverage and disease control.

RESTRICTIONS:

Do not apply more than 1.5 pounds of this product (0.6 pound active ingredient) per acre per year.

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**LOBLOLLY PINE
(FOR USE IN NURSERIES ONLY)**

DISEASES	RATE OF PRODUCT (Ounces per Acre)	USE INSTRUCTIONS
Fusiform Rust (<i>Cronartium quercuum</i>)	5.0 to 10.0 (2.0 to 4.0 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® B-1956 or Latron® CS-7, should be added to obtain good spray coverage and disease control.

RESTRICTIONS:

Do not apply more than 1.5 pounds of this product (0.6 pound active ingredient) per acre per year.

STORAGE AND DISPOSAL

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

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

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

CONTAINER DISPOSAL: Completely empty container into application equipment. Non-refillable container. Do not reuse or refill this container. Offer for recycling, if available. If not, dispose of in a sanitary landfill or by incineration or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

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

WARRANTY DISCLAIMER

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