

70905-2

4/24/2009

1 of 13



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

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Dr. Matthew Brooks
Product Registration
AgChem Consulting
For LG Life Sciences
12208 Quinque Lane
Clifton, VA 20124

APR 24 2009

SUBJECT: Application for Pesticide Notification (PRN 98-10)
Request Alternate Brand Name "Unicorn DF"
EPA Reg. No. 70905-2
Application Dated March 26, 2009

Dear Dr. Brooks:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 dated 03/26/09 for the above product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action(s) requested fall within the scope of PRN 98-10. The label submitted with the application has been stamped "Notification" and will be placed in our records.

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

Sincerely,

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

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



Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0080. Approval expires 2-28-95

2013



United States
Environmental Protection Agency
Washington, DC 20460

Registration
 Amendment
 Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number Sulphur Mills / 70905-2	2. EPA Product Manager Mary Waller	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Sulphur Mills / Unicorn	PM# 21	
5. Name and Address of Applicant (Include ZIP Code) Sulphur Mills c/o Ag-Chem Consulting 12208 Quinque Lane Clifton VA 20124 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: NOTIFICATION EPA Reg. No. _____ APR 24 2009 Product Name _____	

Section - II

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

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

Notification of Additional Brand Name- Unicorn DF
This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40CFR152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Metal	<input type="checkbox"/> Plastic
				<input type="checkbox"/> Glass	<input checked="" type="checkbox"/> Paper
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	Other (Specify) _____	
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 5, 10 and 30 lb bags		5. Location of Label Directions <input checked="" type="checkbox"/> On Bag	
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled			<input type="checkbox"/> Other _____		

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)					
Name Dr. Matthew Brooks		Title Regulatory Consultant		Telephone No. (Include Area Code) 703-266-0128	
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.					6. Date Application Received (Stamped)
2. Signature 		3. Title Regulatory Consultant			
4. Typed Name Dr. Matthew Brooks		5. Date 3-26-2009			



Ag-Chem Consulting
Pesticide Science and Registration
12208 Quinque Lane, Clifton VA 20124
(703) 266-0128 mwbrooks01@yahoo.com

March 26, 2009

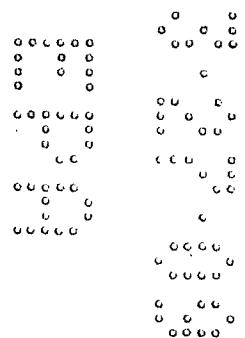
Ms. Mary Waller
PM 21
Fungicide-Herbicide Branch
Registration Division (H7505C)
Office of Pesticide Programs
Document Processing Desk
Office of Pesticide Programs (7508C)
One Potomac Yard
2777 S. Crystal Dr.
Arlington VA 22202

**Subject: Notification of Additional Brand Name: Unicorn DF
Registration # 70905-2**

Dear Ms. Waller:
Ag- Chem Consulting, on behalf of Sulphur Mills, hereby submits the following notification of an additional brand name for its Unicorn product. The additional name is Unicorn DF. A sample label is attached. No other changes have been made.

If you have additional questions please do not hesitate to contact me at 703-266-0128.
Sincerely,

Matthew Brooks
An Authorized Representative of Sulphur Mills



40 of 13

Unicorn DF

A fungicide for the control of powdery mildew, rust and other diseases on banana, grape, plantain, pome fruits, stone fruits and tree nuts.

ACTIVE INGREDIENT: Tebuconazole, α -[2-(4-chlorophenyl)ethyl] α -(1,1-dimethylethyl)-1H-1,2,4-triazole-1-ethanol...	4.5%
Sulfur	70.0%
OTHER INGREDIENTS	25.5%
	100.0%

Contains 0.7 lbs sulfur and 0.045 lbs tebuconazole per pound of product.

EPA Reg. No. 70905-2	EPA Est. No. - xx
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KEEP OUT OF REACH OF CHILDREN

CAUTION /PRECAUCION

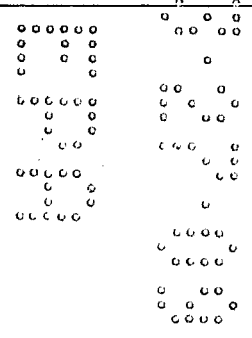
Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.
(TO THE USER: If you do not understand the label, find someone to explain it to you in detail.)

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 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 mouth-to-mouth if possible. • Call a poison control center or doctor for further 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.
In case of emergency call toll ChemTech Telephone No. 1-800-334-7577.	
Have product container or label with you when calling a poison control center or doctor, or going for treatment.	
Note to Physician: No specific antidote. Treat symptomatically.	

NOTIFICATION

APR 24 2009



5013

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

Harmful if swallowed, inhaled or absorbed through the skin. Do not get in eyes or on clothing. Avoid contact with skin, eyes or clothing. Avoid breathing dust or spray mist.

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 Resistant Category Selection Chart.

Applicators and other handlers must wear:

- Protective Eyewear
- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material
- Shoes plus socks

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

ENGINEERING CONTROLS: 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 requirements may be reduced or modified as specified in the WPS.

User Safety Recommendations:

Users should:

- Wash hands thoroughly with soap and water before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to mammals, fish and aquatic invertebrates. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high-water mark. Drift and runoff may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwater or rinsate.

Ground Water Advisory: Tebuconazole is known to leach through soil into ground under certain conditions as a result of label use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in ground-water contamination.

Surface Water Advisory: This product may contaminate water through drift of spray in wind. This product has a high potential for runoff for several months or more after application. Poorly draining soils and soils with shallow water tables are more prone to runoff that contains this product. A level, well maintained vegetative buffer strip between areas to which this product is applied and surface water features such as pond, streams, and springs will reduce the potential for contamination of water from rainfall-runoff. Runoff of this product will be reduced by avoiding applications when rainfall is forecasted within 48 hours.

PHYSICAL HAZARDS

Sulfur dust suspended in air ignites easily. Keep away from heat, sparks, or flames. Do not smoke while applying this product.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

STOP – Read the entire label before use

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers must 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), restricted-entry interval and notification to workers. 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) specified in the Application Directions for each crop.

PPE required for early entry into 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:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material
- Shoes plus socks

GENERAL INFORMATION

UNICORN is a water dispersible granule formulation containing 0.7 lbs sulfur and 0.045 lbs tebuconazole per pound of formulated product. Avoid overnight storage of spray mixtures.

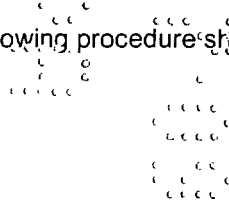
Chemigation: Do not apply this product through any type of irrigation system.

Spray Volume: UNICORN may be applied in a minimum of 50 gallons or more of spray solution per acre by ground spray equipment or in 15 gallons or more per acre by aircraft equipment except as noted under "PRECAUTIONS" for each crop. Increase spray volume as crop growth increases to ensure thorough coverage of the foliage and fruit. Check equipment calibration frequently. Complete coverage and uniform application are essential for the most effective results, especially when lower spray volumes are applied.

Aerial Application: No aerial application is allowed on Long Island, New York.

Mixing: Insure the spray tank is clean and free of residues from previous spray treatments. Fill the spray tank ¾ full with clean water. Make sure the tank agitation system is operating while adding products. Add specified amount of UNICORN into the spray tank while filling with water to the desired level. Operate the agitator while mixing. If other materials are added to the spray tank, the UNICORN should be thoroughly dispersed prior to the addition of other materials. Continue to operate the agitation system until the spray tank has been emptied.

Compatibility: To determine the compatibility of UNICORN with other products, the following procedure should be followed:



Pour the specified proportions of the products into a suitable container of water, mix thoroughly and allow to stand at least five (5) minutes. If the combination remains mixed or can be re-mixed readily, the mixture is considered physically compatible. For further information, contact your local Sulphur Mills Ltd. representative.

BANANA AND PLANTAIN

APPLICATION INSTRUCTIONS		
CROP	DISEASE	RATE OF UNICORN
Banana Plantain	Black leaf streak Yellow sigatoka	1.75 to 2.0 lbs/acre
<p>Make the first application before disease becomes established and repeat applications at 14-day intervals if necessary to maintain disease control.</p> <p>PRECAUTIONS: UNICORN is a sterol demethylation inhibitor (DMI) fungicide. It may be applied in a tank-mix or alternated (every other spray application) with a non-DMI fungicide as a resistance management strategy.</p> <p>Apply the specified rate of UNICORN as a foliar spray in a minimum of 20 gallons or more of water per acre to assure thorough coverage of the plants. A spray oil recommended for use on banana or plantain should be utilized at 4.3 pints per acre in tank-mix with UNICORN. Thoroughly mix UNICORN in the spray solution prior to the addition of a spray oil.</p> <p>RESTRICTIONS:</p> <ul style="list-style-type: none"> - Apply UNICORN up to the day of harvest. - Do not apply UNICORN to non-bagged bananas. - Do not apply more than 10 lbs of UNICORN per acre per harvest cycle. - Do not mix UNICORN with other DMI fungicides. <p>Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 24 hours without appropriate PPE for early entry.</p>		

GRAPE

APPLICATION INSTRUCTIONS		
CROP	DISEASE	RATE OF UNICORN
Grape	Black rot Powdery mildew	1.75 to 2.5 lbs/acre
<p>Powdery Mildew Apply in a preventive spray schedule. Make the first application of UNICORN before bloom and continue applications using spray intervals of up to 21 days in low to moderate disease pressure at lower rates in the rate range. Use higher rates and a 14-day schedule when disease pressure is severe.</p> <p>Black Rot <u>Preventative Schedule:</u> Make the first application at 1- to 3-inches of new shoot growth and continue at 7- to 14-day intervals through 5° Brix stage or until veraison (berry coloring) is complete. Apply at 1-inch new</p>		

shoot growth and at 7- to 10-day intervals on highly susceptible varieties or under severe disease conditions.

Post-Infection Schedule: A post-infection schedule may be followed from 1-inch new shoot growth through 5° Brix stage. Apply within 72 hours after the beginning of an infection period. UNICORN applications should not be closer than 7 days apart. Continue UNICORN applications using the preventive schedule if the post-infection schedule is discontinued.

Botrytis

UNICORN, applied in a powdery mildew spray schedule, will enhance the activity of registered fungicides used for control of Botrytis bunch rot. Applications must be made on a 14-day schedule for suppression of Botrytis.

PRECAUTIONS:

UNICORN is a sterol demethylation inhibitor (DMI) fungicide. It may be applied in a tank-mix or alternated (every other spray application) with a non-DMI fungicide as a resistance management strategy.

Apply in a minimum of 50 gallons of spray solution per acre. Increase spray volume as vine growth increases in order to provide thorough coverage of vines and fruit.

RESTRICTIONS:

- UNICORN may be applied up to 14 days prior to harvest.
- Do not apply more than 20 pounds of UNICORN per acre per crop season.
- Do not make applications less than 7 days apart.
- Do not mix UNICORN with other DMI fungicides.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 24 hours without appropriate PPE for early entry.

STONE FRUITS (Apricot, Cherry, Nectarine, Peach, Plum, Plumcot and Prune [fresh])

APPLICATION INSTRUCTIONS			
CROP	DISEASE	RATE OF UNICORN	
Apricot* Cherry Nectarine Peach Plum* Plumcot* Prune (fresh)*	Brown rot (blossom blight, fruit rot) Cherry leaf spot Powdery mildew	1.0 lb/100 gal*	2.0 to 3.0 lbs/acre**
Plum* Plumcot* Prune (fresh)* Peach	Rust	1.0 lb/100 gal*	2.0 to 3.0 lbs/acre**

***Not registered for use in CA unless accompanied by a supplemental label.**

Blossom blight: Begin application at white bud on cherry, or pink bud on peach and nectarine, and green tip on plums and prunes. Apply again at 50% bloom and petal fall if conditions continue to be favorable for disease development.

Fruit rot: Begin application at two to three weeks before harvest and continue at 7-day intervals through the day of harvest. The blossom and fruit stages must be protected for optimum control of brown rot. If UNICORN is applied during only one of these stages, another registered fungicide should be applied to the other stage to provide optimum protection. Additional cover sprays during the early postbloom period are also important for preventing quiescent fruit infections in sweet cherry and peach.

Leaf spot: Begin application at petal fall or when first leaves unfold and continue applications at 7- to 14-day intervals. Applications should be made at 7-day intervals early in the growing season when terminal growth is rapid and/or under severe disease conditions. A post-harvest application may be made to maintain control and reduce overwintering inoculum.

Powdery mildew: Follow leaf spot schedule until terminal growth ceases.

Rust: Begin applications after canker emergence and continue applications at 14-day intervals under severe disease conditions.

PRECAUTIONS:

UNICORN is a sterol demethylation inhibitor (DMI) fungicide. It may be applied in tank-mix or alternated (every other spray application) with a non-DMI (protectant) fungicide as a resistance management strategy.

*When using the 1.0 lb/100 gal rate, use at least 2.0 lbs of UNICORN per acre.

**The amount of UNICORN required per acre will depend on tree size and volume of foliage present. The rate per acre is based on a standard of 400 gallons of dilute spray solution per acre for large trees. For smaller trees, multiply 1.0 lb times the number of 100 gallons of spray solution required to thoroughly wet, to the point of runoff, one acre of the trees being treated. For concentrate sprays, apply in a minimum of 50 gallons of spray per acre and apply the same amount of product per acre as would be applied in a dilute spray based on tree size and foliage volume, but not less than 2.0 pounds of UNICORN per acre. Apply 2.2 to 3.0 pounds per acre of UNICORN when severe disease conditions exist.

RESTRICTIONS:

- UNICORN may be applied up to and including the day of harvest (0-day PHI).
- Do not apply more than 30 lbs. of UNICORN per acre per crop season.
- Do not mix UNICORN with other DMI fungicides.

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

***POME FRUITS (Apple, Crabapple, Loquat, Mayhaw, Pear, Pear oriental and Quince)**

APPLICATION INSTRUCTIONS			
CROP	DISEASE	RATE OF UNICORN	
Apple Crabapple Loquat Mayhaw Pear Pear oriental Quince	Scab Cedar-apple rust Powdery mildew	1.0 lb/100 gal*	2.0 to 3.0 lbs/acre**

***Not registered for use in CA unless accompanied by a supplemental label.**

Scab:

Preventative schedule: Apply at 7- to 10-day intervals from green tip through the second cover spray.

Post-infection schedule: Apply within 72 hours after the beginning of a scab infection period. UNICORN applications should not be closer than 7 days apart. Continue UNICORN applications using the preventative schedule if the post-infection schedule is discontinued.

Cedar-apple rust: Apply at 7- to 10-day intervals from pink stage through the second cover spray.

Powdery mildew: Apply at 7- to 10-day intervals from tight cluster through the second cover spray.

PRECAUTIONS:

UNICORN is a sterol demethylation inhibitor (DMI) fungicide. It may be applied in tank-mix or alternated (every other spray application) with a non-DMI (protectant) fungicide as a resistance management strategy.

*When using the 1.0 lb/100 gal rate, use at least 2.0 lbs of UNICORN per acre.

**The amount of UNICORN required per acre will depend on tree size and volume of foliage present. The rate per acre is based on a standard of 400 gallons of dilute spray solution per acre for large trees. For smaller trees, multiply 1.0 lb times the number of 100 gallons of spray solution required to thoroughly wet, to the point of runoff, one acre of the trees being treated. For concentrate sprays, apply in a minimum of 50 gallons of spray per acre and apply the same amount of product per acre as would be applied in a dilute spray based on tree size and foliage volume, but not less than 2.0 pounds of UNICORN per acre. Apply 2.2 to 3.0 pounds per acre of UNICORN when severe disease conditions exist.

RESTRICTIONS:

- UNICORN may be applied up to 75 days before harvest.
- Do not apply more than 30 lbs. of UNICORN per acre per crop season.
- Do not mix UNICORN with other DMI fungicides.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 5 days without appropriate PPE for early entry.

***TREE NUTS (Almond, Beechnut, Brazil nut, Butternut, Cashew, Chestnut, Chinquapin, Filbert, Hickory nut, Macadamia nut, Pistachios and Walnut)**

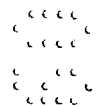
APPLICATION INSTRUCTIONS		
CROP	DISEASE	RATE OF UNICORN
Almond (see specific use directions)	Brown rot blossom blight	3.0 to 5.0 lbs/acre
Beechnut	Botryosphaeria panicle and shoot blight	
Brazil nut	Eastern filbert blight	
Butternut		
Cashew		
Chestnut		
Chinquapin		
Filbert (see specific use directions)		
Hickory nut		
Pistachios (see specific use directions)		
Walnut		

***Not registered for use in CA unless accompanied by a supplemental label.**

General: For all crops except almond, pistachio and filbert (hazelnut), begin applications when conditions are favorable for disease but before infection. Apply on a 7- to 14-day spray schedule. Apply UNICORN is sufficient spray volume for thorough coverage.

Almond: For control of brown rot blossom blight, begin application at pink bud. If the bloom period is extended, and/or severe disease conditions exist, make a second application at full bloom. If conditions remain favorable for disease, make another application at petal fall. Apply UNICORN in a minimum spray volume of 15 gallons per acre by air or 50 gallons per acre by ground. Reduce the application interval for varieties that are highly susceptible to the indicated diseases or when severe disease conditions exist. The use of ground application after petal fall is preferred because of difficulty in penetrating the canopy and obtaining thorough coverage of the foliage and fruit by air.

Pistachios: For control of Botryosphaeria panicle and shoot blight, begin application at 25 to 50% bloom and repeat again 10 to 14 days later to protect young flower clusters and fruit. Make two additional applications of



UNICORN 14 days apart beginning 49 days before harvest. Apply UNICORN in a minimum spray volume of 15 gallons per acre by air or 50 gallons per acre by ground. Reduce the application interval for varieties that are highly susceptible to the indicated diseases or when severe disease conditions exist. The use of ground application after flowering is preferred because of difficulty in penetrating the canopy and obtaining thorough coverage of the foliage and fruit by air. Control of insect vectors and a thorough pruning program to remove plant tissue infected by *Botryosphaeria* spp. are critical for optimum control of this disease.

Filberts (Hazelnuts): For control of eastern filbert blight, apply UNICORN in a preventative spray schedule when conditions are favorable for disease (such as budbreak when the first green tissue is visible). Continue applications of UNICORN at 7- to 14-day intervals if weather conditions are conducive to disease development. Use shorter spray intervals during budbreak and rapid shoot elongation. The expanding shoot tip must be protected. Reduce the application interval for varieties that are highly susceptible to the indicated disease or when severe disease conditions exist. Apply UNICORN in sufficient spray volume for thorough coverage. Tankmixing the lowest labeled rate of a spray surfactant with UNICORN may improve spray coverage and penetration of the active ingredient into plant tissue. The use of ground application is preferred because of the difficulty in penetrating the canopy and obtaining thorough coverage of the foliage and stems by air.

PRECAUTIONS:

UNICORN is a sterol demethylation inhibitor (DMI) fungicide. It may be applied in tank-mix or alternated (every other spray application) with a non-DMI (protectant) fungicide as a resistance management strategy.

RESTRICTIONS:

- UNICORN may be applied up to 35 days before harvest.
- Do not apply more than 20 lbs. of UNICORN per acre per crop season.
- Do not cut cover crops in treated areas for feed, or allow livestock to graze treated areas.
- Do not mix UNICORN with other DMI fungicides.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 24 hours without appropriate PPE for early entry.

SPRAY DRIFT REDUCTION ADVISORY

OBSERVE THE FOLLOWING PRECAUTIONS WHEN SPRAYING IN THE VICINITY OF AQUATIC AREAS SUCH AS LAKES; RESERVOIRS; RIVERS; PERMANENT STREAMS, MARSHES OR NATURAL PONDS; ESTUARIES AND COMMERCIAL FISH FARM PONDS.

Spray Drift Management: The interaction of many equipment and weather related factors determines the potential for spray drift. The applicator is responsible for considering all of these factors when making application decisions. Avoiding spray drift is the responsibility of the applicator.

Buffer Zone Requirements: Ground and aerial application within 100 feet of bodies of water listed above is prohibited. Application to fields next to bodies of water may only be made every other year.

Recommendations For Aerial Applications: The spray boom should be mounted on the aircraft so as to minimize drift caused by wing tip vortices. The minimum practical boom length should be used, and must not exceed 75% of the wing span or rotor diameter.

Importance of Droplet Size: An important factor influencing drift is droplet size. Small droplets (<150-200 microns) drift to a greater extent than large droplets. Within typical equipment specifications, applications should be made to deliver the largest droplet spectrum that provides sufficient control and coverage. Formation of very small droplets may be minimized by appropriate nozzle selection, by orienting nozzles away from the air stream as much as possible and by avoiding excessive spray boom pressure.

Spray should be released at the lowest possible height consistent with good pest control and flight safety. Applications more than 10 feet above the canopy should be avoided.

Wind Speed Restrictions: Drift potential increases at wind speeds of less than 3 mph (due to inversion potential) or more than 10 mph. However, many factors including droplet size, canopy and equipment specifications determine drift potential at any given wind speed. Do not apply when winds are greater than 15 mph and avoid gusty and windless conditions. Risk of exposure to sensitive aquatic areas can be reduced by avoiding applications when wind direction is toward the aquatic area.

Restrictions During Temperature Inversions: Do not make aerial or ground applications during temperature inversions. Drift potential is high during temperature inversions. Temperature inversions restrict vertical air mixing, which causes small suspended droplets to remain close to the ground and move laterally in a concentrated cloud. Temperature inversions are characterized by increasing temperature with altitude and are common on nights with limited cloud cover and light to no wind. They begin to form as the sun sets and often continue into the morning. Their presence can be indicated by ground fog; however if fog is not present, inversions can also be identified by the movement of smoke from a ground source. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical mixing.

Airblast (Air Assist) Specific Recommendations for Tree Crops and Vineyards: Airblast sprayers carry droplets into the canopy of trees/vines via a radially, or laterally directed air stream. The following specific drift management practices should be followed:

- Adjust deflectors and aiming devices so that spray is only directed into the canopy;
- Block off upward pointed nozzles when there is no overhanging canopy;
- Use only enough air volume to penetrate the canopy and provide good coverage;
- Do not allow the spray to go beyond the edge of the cultivated area (i.e., turn off sprayer when turning at end rows);
- Only spray inward, toward the orchard or vineyard, for applications to the outside rows.

Runoff Management: Do not cultivate within 10 feet of the aquatic areas to allow growth of a vegetative filter strip. When used on erodible soils, best management practices for minimizing runoff should be employed. Consult your local Soil Conservation Service for recommendations in your use area.

ROTATIONAL CROPS

Any crop not specified on this label may be planted into treated areas 120 days after last application.

STORAGE AND DISPOSAL

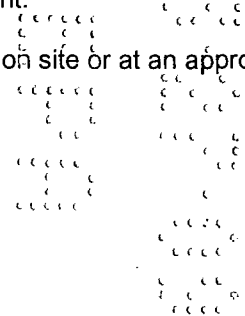
Do not contaminate water, food or feed by storage or disposal.

Pesticide Storage: Store in a cool, dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food, and feed. Store in original container and out of the reach of children, preferably in a locked storage area.

Handle and open container in a manner as to prevent spillage. If container is leaking or material is spilled for any reason or cause, carefully sweep material into a pile. Refer to Precautionary Statements on label for hazards associated with the handling of this material.

SPILL, FIRE, LEAK or OTHER CHEMICAL EMERGENCY: Do not walk through spilled material. Dispose of pesticide as directed below. In spill or leak incidents, keep unauthorized people away. In case of spill or leaf on floor or paved surfaces, soak up with sand earth, or synthetic adsorbent. Remove to chemical waste area. In the event of a major spill, fire, or other emergency, call Infotrac at 800-535-5053, day or night.

Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.



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Container Disposal: Completely empty container into application equipment. Then dispose of empty container in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

LIMITATION OF WARRANTY AND LIABILITY

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following Conditions, Disclaimer of Warranties and Limitations of Liability.

CONDITIONS: The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Sulfur Mills Limited. All such risks shall be assumed by the user or buyer.

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Manufactured by:
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NOTIFICATION

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