

70905-2

4/22/2010

1 of 13



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

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

APR 22 2010

Dr. Matthew Brooks, agent for Sulphur Mills Limited
c/o Ag-Chem Consulting
12208 Quinque Lane
Clifton, VA 20124

Subject: Unicorn
EPA Registration No. 70905-2
Your submission dated: January 18, 2010
Decision No. 427748

Dear Dr. Brooks:

The label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act as amended is acceptable provided the following labeling changes are made:

On page one of your product label, revise your "Directions for Use" to read as follows

- It is a violation of Federal law to use this product in a manner inconsistent with its labeling."
- This supplemental labeling must be in possession of the user at the time of application.
- Read the label affixed to the container for Unicorn before applying.
- Follow all use precautions and limitations imposed by the label affixed to the container for Unicorn.
- In your address, delete "604/605".

For future submissions, please be sure to include 5 copies of draft labeling. Where appropriate, include one copy with changes highlighted and four clean copies with changes incorporated. One copy of the label stamped "Accepted, with comments" is enclosed for your records. Please submit one copy of the final printed label before the product is released for shipment. If you have any questions, please contact Tracy Keigwin of my team at (703) 305-6605 and/or via email at keigwin.tracy@epa.gov

Sincerely,



Mary L. Waller
Product Manager (21)
Fungicide Branch
Registration Division (7505P)

Enclosure: "Accepted with comments" label

3013



Sulphur Mills Limited
604/605, 349-Business Point,
Western Express Highway
Andheri (East), Mumbai – 400 069, INDIA

Supplemental Labeling

ACCEPTED
with COMMENTS
In EPA Letter Dated

APR 22 2010

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.

70905-2

UNICORN

[UNICORN DF- Additional Brand Name]

EPA Reg. No. 70905-2

DIRECTIONS FOR USE

- It is a violation of Federal law to use this product inconsistent with its labeling.
- This supplemental labeling must be in the possession of the user at the time of pesticide application.
- Follow all applicable directions, restrictions, Worker Protection Standard requirements, and precautions on the EPA registered label.
- These new uses can be found on the EPA label dated 12/15/09.

USE DIRECTIONS FOR SPECIFIC CROPS

ASPARAGUS

APPLICATION INSTRUCTIONS		
CROP	DISEASE	RATE OF UNICORN
Asparagus	Rust (<i>Puccinia</i> spp.)	2.0 to 3.75 lbs/acre
<p>GENERAL: Apply UNICORN as a foliar spray to the developing ferns after harvest of spears is completed. Apply at the earliest sign of rust pustules or when weather conditions are conducive for rust development. Alternate applications with another effective fungicide. Under conditions of severe rust pressure, use the higher labeled rate. Repeat applications on a 14-day interval as necessary to maintain control of rust.</p> <p>Apply the specified rate of UNICORN in a minimum of 10 gallons spray solution by ground or 5 gallons per acre by air. A 50 foot spray drift buffer zone is required for all aerial applications. For optimum disease control, the lowest labeled rate of a spray surfactant should be tank-mixed with UNICORN.</p> <p>PRECAUTIONS: UNICORN is a sterol demethylation inhibitor (DMI) fungicide (Group 3). 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>UNICORN requires two to four hours drying time on plant foliage for the active ingredient to move into the plant tissue before rain or irrigation occurs. It will be resistant to weathering after that period of time.</p> <p>RESTRICTIONS:</p> <ul style="list-style-type: none"> - Do not apply more than 11.25 lbs (0.51 lb ai/acre) of UNICORN per acre per season. - Do not apply to harvestable spears. - Do not apply within 100 days of harvest in California and 180 days in all other states. - Do not make more than three foliar applications of UNICORN per season. - 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 12 hours without appropriate PPE for early entry.</p>		

Supplemental Labeling

BEANS

APPLICATION INSTRUCTIONS		
CROP	DISEASE	RATE OF UNICORN
Beans (fresh & dry except succulent shelled)	Rust (<i>Uromyces appendiculatus</i>)	2.0 to 3.75 lbs per acre
<p>GENERAL: Apply UNICORN in a protective spray schedule or when weather conditions are favorable for rust development. Apply in a minimum of 10 gallons of spray solution per acre by ground or 5 gallons per acre by air. Repeat applications at 14-day intervals, or as necessary to maintain control. For optimum disease control, the lowest labeled rate of a spray surfactant should be tank-mixed with UNICORN.</p> <p>Beans, fresh: UNICORN may be applied up to 7 days before harvest. Beans, dry: UNICORN may be applied up to 14 days before harvest.</p> <p>PRECAUTIONS: UNICORN is a sterol demethylation inhibitor (DMI) fungicide. (Group 3). 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>UNICORN requires two to four hours drying time on plant foliage for the active ingredient to move into the plant tissue before rain or irrigation occurs. It will be resistant to weathering after that period of time.</p> <p>RESTRICTIONS:</p> <ul style="list-style-type: none"> - Do not apply more than 15 lbs (0.675 lb ai/acre) of UNICORN per acre per crop season for Beans, fresh. - Do not apply more than 7.5 lbs (0.34 lb ai/acre) of UNICORN per acre per crop season for Beans, dry. - 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 12 hours without appropriate PPE for early entry.</p>		

BEETS

APPLICATION INSTRUCTIONS		
CROP	DISEASE	RATE OF UNICORN
Garden beet roots and tops (eaves)	Cercospora leaf spot (<i>Cercospora beticola</i>)	2.0 to 4.5 lbs per acre
<p>GENERAL: For optimum results use as a preventative treatment. Begin applications as soon as crop and/or environmental conditions become favorable for disease development. Apply in a minimum of 10 gallons of spray solution per acre by ground or 5 gallons per acre by air. Make applications on a 14-day interval. The lowest labeled rate of a spray surfactant should be tank-mixed with UNICORN.</p> <p>PRECAUTIONS: UNICORN is a sterol demethylation inhibitor (DMI) fungicide. (Group 3). 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>UNICORN requires two to four hours drying time on plant foliage for the active ingredient to move into the plant tissue before rain or irrigation occurs. It will be resistant to weathering after that period of time.</p> <p>RESTRICTIONS:</p> <ul style="list-style-type: none"> - Do not apply more than 18 lbs (0.81 lb ai/acre) of UNICORN per acre per season. - Do not apply within 7 days of harvest. 		

Supplemental Labeling

- 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 12 hours without appropriate PPE for early entry.

CORN

APPLICATION INSTRUCTIONS		
CROP	DISEASE	RATE OF UNICORN
Corn (sweet corn, field corn, field corn grown for seed, and popcorn)	Rust (<i>Puccinia</i> spp.) Northern leaf blight (<i>Helminthosporium turcicum</i>) Southern leaf blight (<i>Helminthosporium maydis</i>) Northern leaf spot (<i>Helminthosporium carbonum</i>) Gray leaf spot (<i>Cercospora zea-maydis</i>)	2.0 to 3.75 lbs per acre

GENERAL:

Apply UNICORN in a protective spray schedule or when weather conditions are favorable for disease development. Apply in a minimum of 10 gallons of spray solution per acre by ground or 5 gallons per acre by air. Repeat applications at 7- to 14-day intervals, or as necessary to maintain control. For optimum disease control, the lowest labeled rate of a spray surfactant should be tank-mixed with UNICORN.

PRECAUTIONS:

UNICORN is a sterol demethylation inhibitor (DMI) fungicide. (Group 3). It may be applied in a tank-mix or alternated (every other spray application) with a non-DMI fungicide as a resistance management strategy.

UNICORN requires two to four hours drying time on plant foliage for the active ingredient to move into the plant tissue before rain or irrigation occurs. It will be resistant to weathering after that period of time.

RESTRICTIONS:

- Do not apply more than 15 lbs (0.675 lb ai/acre) of UNICORN per acre per crop season.
- Sweet corn: UNICORN may be applied up to 7 days before the harvest of ears or forage and 49 days before the harvest of fodder.
- Field, Seed, or Popcorn: UNICORN may be applied up to 21 days before the harvest of forage, and 36 days before the harvest of grain or fodder.
- 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 19 days for sweet corn and 12 hours for all corn except sweet corn without appropriate PPE for early entry.

COTTON

APPLICATION INSTRUCTIONS		
CROP	DISEASE	RATE OF UNICORN
Cotton	Southwestern cotton rust (<i>Puccinia cacabata</i>)	3.75 to 5.0 lbs per acre

GENERAL:

Apply UNICORN in a protective spray schedule or when weather conditions are favorable for rust development. Apply in a minimum of 10 gallons of spray solution per acre by ground or 5 gallons per acre by air. Repeat applications at 7- to 14-day intervals, or as necessary to maintain control. For optimum disease control, the lowest labeled rate of a spray surfactant should be tank-mixed with UNICORN.

PRECAUTIONS:

UNICORN is a sterol demethylation inhibitor (DMI) fungicide. (Group 3). It may be applied in a tank-mix or

Supplemental Labeling

alternated (every other spray application) with a non-DMI fungicide as a resistance management strategy.

UNICORN requires two to four hours drying time on plant foliage for the active ingredient to move into the plant tissue before rain or irrigation occurs. It will be resistant to weathering after that period of time.

RESTRICTIONS:

- Do not apply more than 15 lbs (0.675 lb ai/acre) of UNICORN per acre per crop season.
- UNICORN may be applied up to 30 days before harvest.
- 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 12 hours without appropriate PPE for early entry.

CUCURBIT VEGETABLES

APPLICATION INSTRUCTIONS		
CROP	DISEASE	RATE OF UNICORN
Chayote Chinese waxgourd Citron melon Cucumber Gherkin Edible gourd, (includes hyotan, cucuzza, hechima and Chinese okra) Momordica spp. (includes balsam apple, balsam pear, bitter melon and Chinese cucumber) Muskmelon (includes cantaloupe, casaba, crenshaw melon, golden pershaw melon, honeydew melon, honey balls, mango melon, Persian melon, pineapple melon, Santa Claus melon and snake melon) Pumpkin Summer Squash (includes crookneck squash, scallop squash, straightneck squash, vegetable marrow and zucchini) Winter squash (includes butternut squash, calabaza, hubbard squash, acorn squash and spaghetti squash) Watermelon	Powdery mildew (<i>Sphaerotheca fuliginea/Podosphaera xanthii</i>) (<i>Erysiphe cichoracearum</i>)	2.0 to 3.75 lbs per acre
	Gummy stem blight – suppression (<i>Didymella bryonae</i>) (watermelon, squash, pumpkin, and melons only)	5.0 lbs per acre

70A13

Supplemental Labeling

GENERAL:

Apply UNICORN in a protective spray schedule to foliage and fruit. Apply in a minimum of 10 gallons of spray solution per acre by ground or 5 gallons per acre by air. Repeat applications at 10- to 14-day intervals. For optimum disease control, the lowest labeled rate of a spray surfactant should be tank-mixed with UNICORN.

PRECAUTIONS:

UNICORN is a sterol demethylation inhibitor (DMI) fungicide. (Group 3). It may be applied in a tank-mix or alternated (every other spray application) with a non-DMI fungicide as a resistance management strategy.

UNICORN requires two to four hours drying time on plant foliage for the active ingredient to move into the plant tissue before rain or irrigation occurs. It will be resistant to weathering after that period of time.

RESTRICTIONS:

- Do not apply more than 15 lbs (0.675 lb ai/acre) of UNICORN per acre per crop season.
- UNICORN may be applied up to 7 days before harvest.
- 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 12 hours without appropriate PPE for early entry.

GARLIC AND ONIONS

APPLICATION INSTRUCTIONS		
CROP	DISEASE	RATE OF UNICORN
Dry bulb onion Garlic Great-headed (elephant) garlic	White rot (<i>Sclerotium cepivorum</i>)	White rot: 12.75 lbs per acre applied in a 4 to 6 inch band over/into each furrow. May be applied by chemigation to control white rot.
Welch onion Shallot	Rust (<i>Puccinia allii</i> , <i>Puccinia porri</i>) Purple blotch (<i>Alternaria porii</i>)	2.0 to 3.75 lbs per acre

GENERAL:

For optimum results, apply UNICORN as a preventative treatment. Begin applications as soon as crop and/or environmental conditions become favorable for disease development. The lowest labeled rate of a spray surfactant should be tank-mixed with UNICORN. For foliar applications, apply in a minimum of 10 gallons of spray solution per acre by ground or 5 gallons per acre by air.

White rot: For the control of white rot, make one application in the furrow at the time of planting. The in-furrow application should be made at the rate of 12.75 lbs UNICORN per acre. Apply the entire per acre rate in a 4 to 6 inch band over/into each furrow. Additional control may be obtained by including two foliar applications at 2.0 to 3.75 lbs per acre.

Rust: For the control of rust make foliar applications at the specified rates of UNICORN per acre per application. Repeat at an interval of 10 to 14 days.

PRECAUTIONS:

UNICORN is a sterol demethylation inhibitor (DMI) fungicide. (Group 3). It may be applied in a tank-mix or alternated (every other spray application) with a non-DMI fungicide as a resistance management strategy.

UNICORN requires two to four hours drying time on plant foliage for the active ingredient to move into the plant tissue before rain or irrigation occurs. It will be resistant to weathering after that period of time.

RESTRICTIONS:

- Do not apply more than 20.25 lbs (0.91 lb ai/acre) of UNICORN per acre per season if an in-furrow treatment is made.
- Do not apply more than 7.5 lbs (0.34 lb ai/acre) of UNICORN per acre per season as a foliar spray if UNICORN

Supplemental Labeling

is not applied as an in-furrow treatment.

- Do not apply within 7 days of harvest.
- 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 12 hours without appropriate PPE for early entry.

LEAFY BRASSICA GREENS

APPLICATION INSTRUCTIONS		
CROP	DISEASE	RATE OF UNICORN
Broccoli raab Chinese cabbage (bok choy) Collards Kale Mizuma Mustard greens Mustard spinach Rape greens Turnip greens (Application to turnip greens is limited to East of the Rockies.)	Cercospora leaf spot <i>(Cercospora brassicicola)</i> Powdery Mildew <i>(Erysiphe cruciferarum)</i> Alternaria leaf spot <i>(Alternaria brassicicola)</i>	2.0 to 2.5 lbs per acre

GENERAL:
 For optimum results use as a preventative treatment. Begin applications as soon as crop and/or environmental conditions become favorable for disease development. Apply in a minimum of 10 gallons of spray solution per acre by ground or 5 gallons per acre by air. Make applications on a 10-day interval. The lowest labeled rate of a spray surfactant should be tank-mixed with UNICORN.

PRECAUTIONS:
 UNICORN is a sterol demethylation inhibitor (DMI) fungicide. (Group 3). It may be applied in a tank-mix or alternated (every other spray application) with a non-DMI fungicide as a resistance management strategy.

UNICORN requires two to four hours drying time on plant foliage for the active ingredient to move into the plant tissue before rain or irrigation occurs. It will be resistant to weathering after that period of time.

RESTRICTIONS:

- Do not apply more than 10 lbs (0.45 lb ai/acre) of UNICORN per acre per season.
- Do not apply within 7 days of harvest.
- 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 12 hours without appropriate PPE for early entry.

LYCHEE

APPLICATION INSTRUCTIONS		
CROP	DISEASE	RATE OF UNICORN
Lychee	Anthracnose <i>(Colletotrichum gloeosporioides)</i>	2.0 to 3.75 lbs per acre

GENERAL:
 Begin first application of UNICORN as panicle emerges. Spray up to 3.75 lbs per acre every 10 days thereafter for a total of 8 sprays. Apply specified dosage in a minimum of 50 gallons of spray solution per acre by ground only. For optimum disease control, the lowest labeled rate of a spray surfactant should be tank-mixed with

90413

Supplemental Labeling

UNICORN.

PRECAUTIONS:

UNICORN is a sterol demethylation inhibitor (DMI) fungicide. (Group 3). It may be applied in a tank-mix or alternated (every other spray application) with a non-DMI fungicide as a resistance management strategy.

UNICORN requires two to four hours drying time on plant foliage for the active ingredient to move into the plant tissue before rain or irrigation occurs. It will be resistant to weathering after that period of time.

RESTRICTIONS:

- Do not apply more than 30 lbs (1.35 lb ai/acre) of UNICORN per acre per season.
- UNICORN can be applied up to and including the day of harvest.
- 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 2 days without appropriate PPE for early entry.

OKRA

APPLICATION INSTRUCTIONS		
CROP	DISEASE	RATE OF UNICORN
Okra	Cercospora leaf spot (<i>Cercospora</i> spp.)	2.0 to 3.75 lbs per acre
<p>GENERAL: Apply specific dosage of UNICORN in a preventative spray program. Use the highest rate when disease conditions are favorable and in areas where high disease pressure is expected. Applications may be repeated at 14-day interval in order to maintain control of the disease. Apply specified dosage as a foliar spray in a minimum of 20 gallons of spray solution per acre by ground or a minimum of 5 gallons of spray solution by air. For optimum disease control, the lowest labeled rate of a spray surfactant should be tank-mixed with UNICORN.</p> <p>PRECAUTIONS: UNICORN is a sterol demethylation inhibitor (DMI) fungicide. (Group 3). 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>UNICORN requires two to four hours drying time on plant foliage for the active ingredient to move into the plant tissue before rain or irrigation occurs. It will be resistant to weathering after that period of time.</p> <p>RESTRICTIONS:</p> <ul style="list-style-type: none"> - Do not apply more than 15 lbs (0.675 lb ai/acre) of UNICORN per acre per season. - Applications may be made no closer than 3 days before harvest. - 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 12 hours without appropriate PPE for early entry.</p>		

ONIONS/GREEN

APPLICATION INSTRUCTIONS		
CROP	DISEASE	RATE OF UNICORN
Green onion Leek Spring onion Scallion Japanese bunching onion Green shallots	White rot (<i>Sclerotium cepivorum</i>) suppression only Rust (<i>Puccinia allii</i> , <i>Puccinia porri</i>) Purple blotch (<i>Alternaria porii</i>)	2.0 to 3.75 lbs per acre

Supplemental Labeling

Green eschalots	
<p>GENERAL: For optimum results use as a preventative treatment. Begin applications as soon as crop and/or environmental conditions become favorable for disease development. Apply in a minimum of 10 gallons of spray solution per acre by ground or 5 gallons per acre by air. The lowest labeled rate of a spray surfactant should be tank-mixed with UNICORN.</p> <p>PRECAUTIONS: UNICORN is a sterol demethylation inhibitor (DMI) fungicide. (Group 3). 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>UNICORN requires two to four hours drying time on plant foliage for the active ingredient to move into the plant tissue before rain or irrigation occurs. It will be resistant to weathering after that period of time.</p> <p>RESTRICTIONS:</p> <ul style="list-style-type: none"> - Do not apply more than 15 lbs (0.675 lb ai/acre) of UNICORN per acre per season. - Do not apply within 7 days of harvest. - 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 12 hours without appropriate PPE for early entry.</p>	

PECAN

APPLICATION INSTRUCTIONS		
CROP	DISEASE	RATE OF UNICORN
Pecan	Brown leaf spot (<i>Sirosporium diffusium</i>) Downy spot (<i>Mycosphaerella caryigena</i>) Liver spot (<i>Gnomonia caryae</i>) Scab (<i>Cladosporium caryigenum</i>) Vein spot (<i>Gnomonia nerviseda</i>) Zonate leaf spot (<i>Grovesinia pyramidalis</i>)	2.5 to 5.0 lbs per acre
<p>GENERAL: Apply UNICORN in a preventative spray schedule beginning at early bud break (young leaves unfolding), and continue applications at 10- to 14-day intervals through the pollination period. Make applications in a spray volume of 50 or more gallons per acre by ground and 15 or more gallons per acre by air.</p> <p>UNICORN should be applied at 2.5 lbs per acre in a tank-mix with the recommended rate of Super-Tin® in cover sprays. Follow label directions for the use of Super-Tin. Do not add a surfactant to the spray solution when tank-mixing UNICORN with Super-Tin. Apply 4.0 to 5.0 lbs per acre of UNICORN to full-size mature trees, and 2.5 to 4.0 lbs per acre of UNICORN to smaller trees. Apply the high rate to varieties that are highly susceptible to the indicated diseases, or when severe disease conditions exist. The lowest labeled rate of a surfactant may be added to the spray solution for optimum control of the indicated diseases.</p> <p>PRECAUTIONS: UNICORN is a sterol demethylation inhibitor (DMI) fungicide. (Group 3). 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>UNICORN requires two to four hours drying time on plant foliage for the active ingredient to move into the plant tissue before rain or irrigation occurs. It will be resistant to weathering after that period of time.</p> <p>RESTRICTIONS:</p> <ul style="list-style-type: none"> - A maximum of 20 lbs (0.9 lb ai/acre) of UNICORN may be applied per acre per crop season. - Do not add surfactant to the spray solution when tank-mixing UNICORN with Super-Tin. - Do not apply after shucks begin to split. 		

Supplemental Labeling

- 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 12 hours without appropriate PPE for early entry.

SUNFLOWER

APPLICATION INSTRUCTIONS		
CROP	DISEASE	RATE OF UNICORN
Sunflower	Rust (<i>Puccinia helianthi</i>)	2.0 to 3.75 lbs per acre
<p>GENERAL: Apply specific dosage of UNICORN at the earliest sign of infection (rust pustules developing) or when weather conditions are favorable for rust development. Apply higher rate to highly susceptible varieties and/or under severe disease conditions. Application may be repeated at 14 days if necessary to maintain control of the disease. Apply specified dosage in a minimum of 20 gallons of spray solution per acre by ground or a minimum of 5 gallons of spray solution by air. For optimum disease control, the lowest labeled rate of a spray surfactant should be tank-mixed with UNICORN. Contact your state Extension Service or Sulphur Mills' representative for a list of approved surfactants.</p> <p>PRECAUTIONS: UNICORN is a sterol demethylation inhibitor (DMI) fungicide. (Group 3). 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>UNICORN requires two to four hours drying time on plant foliage for the active ingredient to move into the plant tissue before rain or irrigation occurs. It will be resistant to weathering after that period of time.</p> <p>RESTRICTIONS:</p> <ul style="list-style-type: none"> - Do not apply more than 10 lbs (0.45 lb ai/acre) of UNICORN per acre per season. - Do not apply UNICORN within 50 days of harvest. - 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 12 hours without appropriate PPE for early entry.</p>		

TURNIP

APPLICATION INSTRUCTIONS		
CROP	DISEASE	RATE OF UNICORN
Turnip (application is limited to East of the Rockies)	Cercospora leaf spot (<i>Cercospora brassicicola</i>)	2.0 to 4.5 lbs per acre
<p>GENERAL: Apply the specified dosage in a protective spray schedule to foliage. Repeat applications at 12- to 14-day intervals. Apply in a minimum of 10 gallons of spray solution per acre by ground or 5 gallons per acre by air. For optimum disease control, the lowest labeled rate of a spray surfactant should be tank-mixed with UNICORN.</p> <p>PRECAUTIONS: UNICORN is a sterol demethylation inhibitor (DMI) fungicide. (Group 3). 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>UNICORN requires two to four hours drying time on plant foliage for the active ingredient to move into the plant tissue before rain or irrigation occurs. It will be resistant to weathering after that period of time.</p> <p>RESTRICTIONS:</p>		

Supplemental Labeling

- Do not apply more than 18 lbs (0.81 lb ai/acre) of UNICORN per acre per crop season.
 - UNICORN may be applied up to 7 days before harvest.
 - 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 12 hours without appropriate PPE for early entry.**

SEED TREATMENT

APPLICATION INSTRUCTIONS		
CROP	DISEASE	RATE OF UNICORN
Corn (Sweet Corn, Field Corn, Field Corn Grown for Seed, and Popcorn)	Soilborne and Seedborne Fusarium	0.7 oz/CWT
	Soilborne and Seedborne Head smut (<i>Sphacelotheca reiliana</i>)	2.7 to 5.4 oz/CWT

GENERAL:
For control of soilborne and seedborne Fusarium and soilborne and seedborne head smut, apply UNICORN as a seed treatment using standard slurry or mist-type seed treatment equipment. Uniform application of seed is necessary to ensure seed safety and best disease protection. Seed should be sound and well cured prior to treatment. Product should be diluted with sufficient water to ensure complete seed coverage. Consult a seed treatment specialist regarding slurry rates recommended for the crop to be treated with UNICORN. The length of control will vary depending on the rate used.

PRECAUTIONS:
When using formulations that do not contain dye, to comply with 40 CFR 153.155, all seed treated with an economic poison must be colored to distinguish and prevent subsequent inadvertent uses as a food for man or feed for animals.

SEED LABELING: To meet U.S. Federal Seed Act requirements, all seed treated with UNICORN must be labeled:
TREATED SEED. DO NOT USE FOR FOOD, FEED OR OIL PURPOSES. Treated with Tebuconazole.

130f13

Supplemental Labeling

Chemigation: Apply UNICORN only through center pivot, lateral move, end tow, side (wheel) roll, traveler, big gun, solid set, or hand move; or drip (trickle) irrigation systems. Do not apply this product through any other type of irrigation system. Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from non-uniform distribution of treated water. If you have questions about calibration, you should contact State Extension Service specialists, 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 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.

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. 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. 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. Do not apply when wind speed favors drift beyond the area intended for treatment.

Maintain continuous agitation in mix tank during mixing and application to assure a uniform suspension. Allow sufficient time for pesticide to be flushed through all lines and all nozzles before turning off irrigation water. Pesticide may be applied continuously for the duration of the water application.

Manufactured by:
SULPHUR MILLS LIMITED
604/605, 349 Business Point, Western Express Highway
Anderi (E), Mumbai – 400 069, India