



U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Registration Division (7505T)
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

EPA Reg. Number:

83529-406

Date of Issuance:

9/29/26

NOTICE OF PESTICIDE:

☒ Registration
☐ Reregistration
(under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

Sharda Metalaxyl-M 1% GR

Name and Address of Registrant (include ZIP Code):

Sharda USA LLC
c/o Wagner Regulatory Associates, Inc.
P.O. Box 640
Hockessin, DE 19707

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.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA).

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.

This product is unconditionally registered in accordance with FIFRA section 3(c)(5) provided that you:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product when the Agency requires all registrants of similar products to submit such data.

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Signature of Approving Official:

Manjula Unnikrishnan, Product Manager 21
Fungicide Branch, Registration Division (7505T)

Date:

9/29/26

2. Make the following label changes before you release the product for shipment:
 - Revise the EPA Registration Number to read, "EPA Reg. No. 83529-406."
3. Submit one copy of the final printed label for the record before you release the product for shipment.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) lists examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records.

The record for this product currently contains the following CSF(s):

- Basic CSF dated 12/05/2025

If you have any questions, please contact Raven Crosby at (202)-566-0829 or at crosby.raven@epa.gov.

Enclosure

[MASTER LABEL]

ACCEPTED

9/29/2026

Under the Federal Insecticide, Fungicide
and Rodenticide Act as amended, for the
pesticide registered under
EPA Reg. No. 83529-406

MEFENOXAM GROUP 4 FUNGICIDE

Sharda Metalaxyl-M 1% GR
[ABN: Suburban]**For Control of Certain Diseases in Ornamentals, Turf, Non-Bearing Citrus, Conifers, and Non-Bearing Fruit and Nut Plants in Nurseries.****ACTIVE INGREDIENT:****WT. BY %**

Mefenoxam* 1.0%

OTHER INGREDIENTS: 99.0%**TOTAL:** 100.0%

*CAS No. 70630-17-0; 69516-34-3; 57837-19-1

Contains 0.16 oz. active ingredient per pound of fungicide.

KEEP OUT OF REACH OF CHILDREN**CAUTION**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.

(If you **DO NOT** understand the label, find someone to explain it to you in detail.)

FIRST AID	
IF SWALLOWED	• 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:	• Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15 - 20 minutes. • Call a poison control center or doctor for treatment advice.
IF IN EYES:	• Hold eye open and rinse slowly and gently with water for 15 - 20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
IF INHALED:	• Move person to fresh air. • If person is not breathing, call 911 or ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. • Call a poison control center or doctor for treatment advice.
HOTLINE NUMBERS	
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. Have the product container or label with you when calling a poison control center or doctor or going for treatment. For emergency information concerning this product, call your poison control center at 1-800-222-1222. For general information about this product, contact the National Pesticides Information Center (NPIC) at 1-800-858-7378, Monday through Friday, 8 AM to 12 PM PST, or at http://npic.orst.edu.	

{Optional referral statements when booklets and container labels are used:}

{See label booklet for [complete] [additional] [First Aid,] [Precautionary Statements], [Directions For Use], and [Storage and Disposal].}

EPA Reg. No.: 83529-XXX

EPA Est. No.: _____

Manufactured for:

Sharda USA LLC7217 Lancaster Pike, Suite A
Hockessin, Delaware 19707Net Contents: _____ Lbs. [Kg]
[Batch Code/Lot No.: _____]

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed. Harmful if absorbed through skin. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of barrier laminate, butyl rubber ≥ 14 mils, nitrile rubber ≥ 14 mils, neoprene rubber ≥ 14 mils, natural rubber ≥ 14 mils, polyethylene, polyvinyl chloride (PVC) ≥ 14 mils, or Viton ≥ 14 mils
- Shoes plus socks

USER SAFETY REQUIREMENTS

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

ENGINEERING CONTROL STATEMENTS

When handlers use closed systems or enclosed cabs 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:

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

ENVIRONMENTAL HAZARDS

DO NOT apply directly to water, 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 wash water.

Groundwater Advisory

Mefenoxam is known to leach through soil into groundwater under certain conditions as a result of label use. This chemical may leach into groundwater if used in areas where soils are permeable, particularly where the water table is shallow.

DIRECTIONS FOR USE

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

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.

FAILURE TO FOLLOW THE DIRECTIONS FOR USE AND PRECAUTIONS ON THIS LABEL MAY RESULT IN POOR DISEASE CONTROL OR CROP INJURY.

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, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), notification to workers, 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 **48 hours**.

Exception: If the product is soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to

enter the treated area if there will be no contact with anything that has been treated.

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, including plant, soil, or water is:

- Coveralls
- Chemical-resistant gloves made of barrier laminate, butyl rubber ≥ 14 mils, nitrile rubber ≥ 14 mils, neoprene rubber ≥ 14 mils, natural rubber ≥ 14 mils, polyethylene, polyvinyl chloride (PVC) ≥ 14 mils, or Viton ≥ 14 mils
- Shoes plus socks

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

DO NOT enter or allow others to enter treated areas without protective clothing until dust has settled.

PRODUCT INFORMATION

Sharda Metalaxyl-M 1% GR is a systemic fungicide for use in ornamentals; turf; non-bearing citrus grown in nurseries and landscape plantings; conifers grown in nurseries and plantations, including Christmas trees; and non-bearing fruit and nut plants in nurseries.

Use Restriction:

- Maximum usage when applying both metalaxyl- and mefenoxam-containing products to the same crop within the same season: **DO NOT** apply more than the maximum yearly total application rate for the active ingredient as stated on the label of the product containing the lowest yearly total on that crop.

RESISTANCE MANAGEMENT

For resistance management, **Sharda Metalaxyl-M 1% GR** contains a Group 4 (PhenylAmides) fungicide. Any fungal population may contain individuals naturally resistant to **Sharda Metalaxyl-M 1% GR** and other Group 4 fungicides. A gradual or total loss of pest control may occur over time if these fungicides are used repeatedly in the same fields. Other resistance mechanisms that are not linked to site of action but are specific for individual chemicals, such as enhanced metabolism, may also exist. Appropriate resistance management strategies must be followed.

To delay fungicide resistance, take one or more of the following steps:

- Where possible, rotate the use of **Sharda Metalaxyl-M 1% GR** or other Group 4 fungicides within a growing season sequence with different groups that control the same pathogens.
- Use tank mixtures with fungicide from a different group that are equally effective on the target pest when such use is permitted.
- Use at least the minimum application rate as labeled by the manufacturer.
- Adopt an integrated disease management program for fungicide use that includes scouting, uses historical information related to pesticide use, and crop rotation, and which considers host plant resistance, impact of environmental conditions on disease development, disease thresholds, as well as cultural, biological and other chemical control practices.
- Where possible, make use of predictive disease models to effectively time fungicide applications. Note that using predictive models alone is not sufficient to manage resistance.
- Monitor treated fungal/bacterial populations for resistance development.
- Contact your local extension specialist or certified crop advisor for any additional pesticide resistance management and/or IPM recommendations for specific crops and pathogens.

For further information or to report suspected resistance, contact your Sharda USA LLC representative. You can also contact your pesticide distributor or university extension specialist to report resistance.

SPRAY DRIFT ADVISORIES

THE APPLICATOR IS RESPONSIBLE FOR AVOIDING OFF-SITE SPRAY DRIFT.

BE AWARE OF NEARBY NON-TARGET SITES AND ENVIRONMENTAL CONDITIONS.

IMPORTANCE OF DROPLET SIZE

An effective way to reduce spray drift is to apply large droplets. Use the largest droplets that provide target pest control. While applying larger droplets will reduce spray drift, the potential for drift will be greater if applications are made improperly or under unfavorable environmental conditions.

CONTROLLING DROPLET SIZE – GROUND BOOM

- **Volume** – Increasing the spray volume so that larger droplets are produced will reduce spray drift. Use the highest practical spray volume for the application. If a greater spray volume is needed, consider using a nozzle with a higher flow rate.
- **Pressure** – Use the lowest spray pressure recommended for the nozzle to produce the target spray volume and droplet size.
- **Spray Nozzle** – Use a spray nozzle that is designed for the intended application. Consider using nozzles designed to reduce drift.

CONTROLLING DROPLET SIZE – AIRCRAFT

- **Adjust Nozzles** – Follow nozzle manufacturer’s recommendations for setting up nozzles. Generally, to reduce fine droplets, nozzles should be oriented parallel with the airflow in flight.

BOOM HEIGHT – GROUND BOOM

Use the lowest boom height that is compatible with the spray nozzles that will provide uniform coverage. For ground equipment, the boom should remain level with the crop and have minimal bounce.

RELEASE HEIGHT – AIRCRAFT

Higher release heights increase the potential for spray drift. When applying aerially to crops, **DO NOT** release spray at a height greater than 10 feet above the crop canopy, unless a greater application height is necessary for pilot safety.

SHIELDED SPRAYERS

Shielding the boom or individual nozzles can reduce spray drift. Consider using shielded sprayers. Verify that the shields are not interfering with the uniform deposition of the spray on the target area.

TEMPERATURE AND HUMIDITY

When making applications in hot and dry conditions, use larger droplets to reduce effects of evaporation.

TEMPERATURE INVERSIONS

Drift potential is high during a temperature inversion. Temperature inversions are characterized by increasing temperature with altitude and are common on nights with limited cloud cover and light to no wind. The presence of an inversion can be indicated by ground fog or by the movement of smoke from a ground source or an aircraft smoke generator. 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 air mixing. Avoid applications during temperature inversion.

WIND

Drift potential generally increases with wind speed. AVOID APPLICATIONS DURING GUSTY WIND CONDITIONS. Applicators need to be familiar with local wind patterns and terrain that could affect spray drift.

BOOMLESS GROUND APPLICATIONS

Setting nozzles at the lowest effective height will help to reduce the potential for spray drift.

HANDHELD TECHNOLOGY APPLICATIONS

Take precautions to minimize spray drift.

APPLICATOR SETTINGS

It is important to calibrate the granule applicator before use. Even after calibration, it is best to check the actual application rate under your operating conditions. Application rates can vary due to changing moisture conditions, equipment wear, normal variation in product bulk density, and particle size distribution.

Calibration - Generally, calibrating a granule applicator can be done by following these simple steps:

1. Mark off a known area, usually 1,000 sq. ft.
2. At normal walking speed, simulate an application over the 1,000 sq. ft. area and record the time taken to accomplish this.
3. Fill the applicator hopper with product. Set the applicator meter at a random setting.
4. Operate the applicator for the amount of time obtained in step 2 and collect the output of granules in a plastic bag, catch pans, or other collection device.
5. Weigh the granules collected in ounces and compare this weight with the required application rate in ounces per 1,000 sq. ft. from the product label. Repeat steps 1 - 4 until the correct meter setting is found that will deliver the required application rate.

Band Application

Calculate the amount of **Sharda Metalaxyl-M 1% GR** needed for band treatment by the formula:

$$\frac{\text{Band Width in Inches}}{\text{Row Width in Inches}} \times \text{Broadcast Rate per Acre} = \text{Amount Needed per Acre}$$

ROTATIONAL CROP RESTRICTIONS

DO NOT plant any food crop which is not registered for use with the **Sharda Metalaxyl-M 1% GR** active ingredient in soil treated with this active ingredient for a period of 12 months.

USE DIRECTIONS

ORNAMENTALS

Sharda Metalaxyl-M 1% GR is a systemic fungicide that controls diseases caused by downy mildew fungi and damping-off, root and stem diseases caused by *Pythium* and *Phytophthora* spp. Apply **Sharda Metalaxyl-M 1% GR** to ornamentals grown in greenhouses, lath and shade-houses, outdoor field and container nurseries (including non-bearing fruit and nut plants), conifer plantations, interiorscapes and in commercial and residential landscapes. Apply **Sharda Metalaxyl-M 1% GR** as a soil surface application or as a pre-potting growing media incorporation treatment at the time of seeding and transplanting.

Soil and Growing Media Surface Application

When applying **Sharda Metalaxyl-M 1% GR** to the soil surface, irrigate with enough water to completely wet the root zone after application.

Growing Media Incorporation Treatment

When incorporating **Sharda Metalaxyl-M 1% GR** into growing media, the mix must be dry and free of lumps to ensure thorough mixing of the granules throughout the media. When making subsequent applications at designated intervals, other registered metalaxyl-containing formulations may be applied. Refer to the respective product label for rates, precautions, and limitations relative to its use.

Rate Selection

Within a rate range given for a specific group of ornamentals, use lower rates for young plants with shorter crop production times and higher rates for plants with longer crop production times. Under severe disease conditions, use the highest rate and the shortest reapplication interval.

Restrictions:

- **DO NOT** apply more than 6 lbs. a.i. per acre per year.
- **DO NOT** exceed specified rates or apply more frequently than directed, or plant injury may occur.

Precaution:

- Due to the large number of species and varieties of ornamentals and nursery plants, it is impossible to test every one for response to **Sharda Metalaxyl-M 1% GR**. Neither the manufacturer nor the seller has determined whether or not **Sharda Metalaxyl-M 1% GR** can be used safely on ornamentals and nursery plants not specified on this label. The professional user must determine if **Sharda Metalaxyl-M 1% GR** can be used safely prior to commercial use. In a small area, test the specified rates for a particular group of unlabeled plants, i.e., foliage plants, bedding plants, etc., for plant response prior to widespread use.

Foliage Plants				
Aglaonema	Dieffenbachia	Philodendron*	Schefflera	Sempervivum
Aphelandra	Peperomia	Pothos	Sedum	Zygocactus
Soil or Growing Media Surface Application: Distribute 8 - 40 oz. (0.005-0.025 lbs/a.i.) uniformly over 1,000 sq. ft. of bed or bench area. Irrigate with enough water to thoroughly wet the root zone after application. Repeat applications at 2- to 3-month intervals, if necessary.				
Restrictions: • To minimize the potential for injury to Pothos, DO NOT use more than 22 oz. (0.0138 lbs/a.i.) per 1,000 sq. ft. and DO NOT apply more frequently than once every 3 months. • *On Philodendron, use 12 - 60 oz. (0.008 - 0.038 lbs/a.i.) per 1,000 sq. ft. • DO NOT apply more than 40 oz. (0.025 lbs/a.i.) per 1,000 sq. ft. as a single application. • DO NOT apply more than 240 oz. (0.15 lbs/a.i.) per 1,000 sq. ft. per year. • DO NOT make more than 6 applications per year. • Retreatment Interval: 2 to 3 months				
Growing Media Incorporation Treatment: Apply to growing media mix just before planting. Mix only enough for current use. DO NOT store. Thoroughly mix 1.6 - 8 oz. (0.001 - 0.005 lbs/a.i.) per cubic yard in growing media. After transplanting, irrigate with sufficient water to thoroughly wet the root zone. After a 2- to 3-month interval, Sharda Metalaxyl-M 1% GR may be reapplied as a soil surface application.				

Bedding Plants				
Ageratum	Carnation	Gaillardia	Petunia	Salvia
Algerian ivy	Chrysanthemum	Geranium	Phlox	Snapdragon
Artemisia	Coleus	Impatiens	Pinks	Verbena
Aster	Daisy	Marigold	Primrose	Vinca
Begonia	English Ivy	Pansy	Prostrate Rosemary	Zinnia
Caladium	Foxglove			
Soil or Growing Media Surface Application: Uniformly apply 6 - 30 oz. (0.004 - 0.019 lbs/a.i.) to 1,000 sq. ft. of bed area. For control of downy mildew use 30 oz. per (0.019 lbs/a.i.) 1,000 sq. ft. Irrigate with enough water to thoroughly wet soil after application. Repeat applications at 1- to 2- month intervals, if necessary.				

Restriction:

- **DO NOT** apply rates of 22 oz. per (0.0138 lbs/a.i.) 1,000 sq. ft. more than once every 6 weeks.
- **DO NOT** apply more than 22 oz. (0.0138 lbs/a.i.) per 1,000 sq. ft. as a single application.
- **DO NOT** apply more than 176 oz. (0.1104 lbs/a.i.) per 1,000 sq. ft. per year.
- **DO NOT** make more than 8 applications per year.
- **Retreatment Interval:** 6 weeks

Growing Media Incorporation Treatment:

Apply to growing media mix just before planting. Mix only enough for current use. **DO NOT** store. Thoroughly mix 1.6 - 8 oz. (0.001 – 0.005 lbs/a.i.) per cubic yard in growing media. After transplanting, irrigate with sufficient water to thoroughly wet the root zone. **Sharda Metalaxyl-M 1% GR** may be reapplied after 6 - 8 weeks as a soil surface application.

Flowers

African Violet	Carnation	Delphinium	Gloxinia
Anthurium	Chrysanthemum	Easter Lily	Poinsettia
Baby's Breath	Columbine	Geranium	Rose

Soil or Growing Media Surface Application:

Uniformly apply 12 - 60 oz. (0.008 – 0.038 lbs/a.i.) per 1,000 sq. ft. Repeat application at 1- to 2-month intervals, if necessary. Irrigate with enough water to thoroughly wet soil after application.

Restrictions:

- **DO NOT** apply rates of 37 oz. (0.0232 lbs/a.i.) more often than every 6 weeks.
- **DO NOT** apply more than 30 oz. (0.0188 lbs/a.i.) per 1,000 sq. ft. to Easter lilies and only make 1 at-planting application.
- **DO NOT** apply more than 37 oz. (0.0232 lbs/a.i.) per 1,000 sq. ft. as a single application.
- **DO NOT** apply more than 296 oz. (0.1392 lbs/a.i.) per 1,000 sq. ft. per year.
- **DO NOT** make more than 8 applications per year.
- **Retreatment Interval:** 6 weeks

Growing Media Incorporation Treatment:

Apply to growing media mix just before planting. Mix only enough for current use. **DO NOT** store. Thoroughly add 1.6 - 8 oz. (0.001 – 0.005 lbs/a.i.) per cubic yard in growing media. After transplanting, irrigate with sufficient water to thoroughly wet the root zone. **Sharda Metalaxyl-M 1% GR** may be reapplied after 6 - 8 weeks as a soil surface application.

Restriction:

- **DO NOT** use a pre-potting growing media mix application in Easter lilies.

Azaleas**Soil or Growing Media Surface Application:**

Uniformly apply 14.8 - 75 oz. (0.0093 - 0.0470 lbs/a.i.) per 1,000 sq. ft. of bed area. Irrigate with enough water to thoroughly wet the soil after application. Repeat applications at 2- to 4-month intervals, if necessary.

Growing Media Incorporation Treatment:

Apply to growing media mix just before planting. Mix only enough for current use. **DO NOT** store. Thoroughly mix 1.6 - 10 oz. (0.001 – 0.006 lbs/a.i.) per cubic yard in growing media. After transplanting, irrigate with sufficient water to thoroughly wet the root zone. After a 2- to 4-month interval, **Sharda Metalaxyl-M 1% GR** may be reapplied as a soil surface application.

Restrictions:

- To minimize the potential for injury to azaleas, **DO NOT** apply repeat applications at rates greater than 75 oz. (0.0470 lbs/a.i.) per 1,000 sq. ft. at application intervals less than every 3 months, and **DO NOT** exceed a total of 125 oz. (0.078 lbs/a.i.) per 1,000 sq. ft. in 6 months.
- Use the lower rate for "Coral Bell" variety.
- **DO NOT** apply more than 75 oz. (0.0470 lbs/a.i.) per 1,000 sq. ft. as a single application.
- **DO NOT** apply more than 300 oz. (0.1882 lbs/a.i.) per 1,000 sq. ft. per year.
- **DO NOT** make more than 4 applications per year.
- **Retreatment Interval:** 3 months

Woody Ornamentals - Other Than Azaleas

<i>Aucuba japonica</i>	Dogwood	Photinia	Rhododendron
Arborvitae	Ficus	<i>Pieris japonica</i>	White cedar
Boxwood	"Halls" Honeysuckle	<i>Pinus</i> spp.	White pine
Ceanothus	Ilex	Pittosporum	Yew
Cotoneaster	<i>Juniperus</i> spp.		

Soil or Growing Media Surface Application:

Uniformly apply 26 - 125 oz. (0.0163 – 0.0784 lbs/a.i.) per 1,000 sq. ft. Irrigate with enough water to thoroughly wet the soil after application. Repeat applications at 2- to 3-month intervals, if necessary.

Restriction:

- **DO NOT** apply rates greater than 100 oz. (0.063 lbs/a.i.) per 1,000 sq. ft. more frequently than every 10 weeks.

- **DO NOT** apply more than 100 oz. (0.0627 lbs/a.i.) per 1,000 sq. ft. as a single application.
- **DO NOT** apply more than 500 oz. (0.3136 lbs/a.i.) per 1,000 sq. ft. per year.
- **DO NOT** make more than 5 applications per year.
- **Retreatment Interval:** 10 weeks

Growing Media Incorporation Treatment:

Apply to growing media mix just before planting. Mix only enough for current use. **DO NOT** store. Thoroughly mix 1.6 - 12.5 oz. (0.001 – 0.008 lbs/a.i.) per cubic yard in growing media. After transplanting, irrigate with sufficient water to thoroughly wet the root zone. After a 2- to 3-month interval, **Sharda Metalaxyl-M 1% GR** may be reapplied as a soil surface application.

NON-BEARING CITRUS IN NURSERIES

Use **Sharda Metalaxyl-M 1% GR** on non-bearing citrus for control of citrus foot rot, root rot, and trunk canker caused by *Phytophthora* spp. Apply to the soil surface as a broadcast application under the canopy of the trees. For best efficacy, 0.5 inch of irrigation or rainfall is required within 24 hours after application. For banded applications, use the formula in the **Band Application** section under **APPLICATOR SETTINGS** to calculate the amount of **Sharda Metalaxyl-M 1% GR** needed per acre of trees.

Make the first application of **Sharda Metalaxyl-M 1% GR** at the time of planting and make 2 additional applications at 3-month intervals throughout the growing year. Apply 200 lbs. (2.0 lbs/a.i.) per acre as a soil surface application broadcast or banded to the seedbeds, liners, or bedded stock. For banded applications, use a band wide enough to cover the root systems of the plants. Calculate the amount of **Sharda Metalaxyl-M 1% GR** needed for a banded treatment by using the formula in the **Band Application** section under **APPLICATOR SETTINGS**.

Restrictions:

- **DO NOT** use in greenhouse citrus nursery stock intended for commercial fruit production..
- **DO NOT** apply more than 1.5 lbs a.i. per acre as a single application.
- **DO NOT** apply more than 6 lbs a.i. per acre per year.
- **DO NOT** make more than 4 applications per year.
- **Retreatment Interval:** 3 months

CONIFERS IN NURSERIES AND PLANTATIONS (INCLUDING CHRISTMAS TREES)

Sharda Metalaxyl-M 1% GR provides control of *Phytophthora* root rot of conifers. For best efficacy, 0.5 inch of irrigation or rainfall is required within 24 hours after application.

Seedbeds and Plug-Plantings	Soil Surface Application: Uniformly apply 6 - 30 lbs. per acre (2.2 - 11 oz. per 1,000 sq. ft.) in the spring and again in the fall.
2 - 0 Transplants	Soil Surface Application: Uniformly apply 12 - 60 lbs. per acre (4.4 - 22 oz. per 1,000 sq. ft.) in the spring and again in the fall.

Conifers in Plantations

Use of **Sharda Metalaxyl-M 1% GR** will aid in the control of *Phytophthora* root rot when used in conjunction with good cultural practices. The use of **Sharda Metalaxyl-M 1% GR** will not overcome poor management practices including planting on sites that are prone to flooding or are poorly drained. **Sharda Metalaxyl-M 1% GR** will not revitalize trees showing moderate to severe disease symptoms.

Soil Surface Application: Apply 50 - 250 lbs. (0.5 to 2.5 lbs/a.i.) of **Sharda Metalaxyl-M 1% GR** per acre (1.25 - 5.75 lbs. (0.013 – 0.058 lbs/a.i.) per 1,000 sq. ft.) to the soil surface. Applications must be made in early spring before growth starts and in the fall before the ground freezes. Calculate the amount of **Sharda Metalaxyl-M 1% GR** needed for a banded treatment by using the formula in the **Band Application** section under **APPLICATOR SETTINGS**.

Restriction:

- **DO NOT** apply more than 3.0 lbs a.i. per acre as a single application.
- **DO NOT** apply more than 6 lbs a.i. per acre per year.
- **DO NOT** make more than 2 applications per year.
- **Retreatment Interval:** 6 months

NON-BEARING FRUIT AND NUT PLANTS IN NURSERIES

Sharda Metalaxyl-M 1% GR provides control of *Pythium* root rot and *Phytophthora* root, crown, and collar rot of non-bearing deciduous fruits and nuts.

Make the first application of **Sharda Metalaxyl-M 1% GR** at the time of planting. Additional applications must be made at 3-month intervals throughout the growing year. For best efficacy, 0.5 inch of irrigation or rainfall is required within 24 hours after application.

Soil Surface Application: Apply 200 - 400 lbs. (2.0 – 4.0 lbs. ai) per treated acre (4.75 - 9.25 lbs. (0.048 – 0.093 lbs/a.i.) per 1,000 sq. ft.) uniformly to the soil surface under the canopy of the trees. Treat sufficient surface area in nurseries to cover the root zone of the trees. Use the high rate in areas known to be infested with *Phytophthora*.

Restrictions:

- **DO NOT** apply to trees that will bear harvestable fruit within 12 months of application, or illegal residues may result.
- **DO NOT** apply more than 1.5 lbs a.i. per acre as a single application.
- **DO NOT** apply more than 6 lbs a.i. per acre per year.
- **DO NOT** make more than 4 applications per year.
- **Retreatment Interval:** 3 months

TURF

Sharda Metalaxyl-M 1% GR controls Pythium blight, Pythium damping-off and yellow tuft (downy mildew) in turfgrasses. **Within the rate range given for turf, use the lower rate for the shortest interval listed and the higher rate for the longest interval. Under severe disease conditions, use the highest rate and shortest interval.**

Established Turf Pythium Blight Yellow Tuft Downy Mildew	Soil Surface Application: Uniformly apply as a preventative treatment at 12.5 - 25 oz. (0.0075 to 0.0151 lbs/a.i.) per 1,000 sq. ft. Retreat at 10- to 14-day intervals during periods favorable for disease development.
Newly Seeded Areas Pythium Damping-Off Pythium Blight Yellow Tuft Downy Mildew	Soil Surface Application: Uniformly apply 12.5 - 25 oz. (0.0075 to 0.0151 lbs/a.i.) per 1,000 sq. ft. immediately after seeding. Irrigate with 0.25 - 0.5 inch of water after application. Re-treat at 7- to 14-day intervals if conditions remain favorable for disease.
Restrictions: • To minimize the potential for insensitivity: DO NOT apply more than 3 applications per year of any product containing metalaxyl as the single active ingredient, and apply an alternate EPA-registered fungicide for Pythium control at least once during the year. • DO NOT apply more than 0.68 lbs. a.i. per acre as a single application. • DO NOT apply more than 2.04 lbs. a.i. per acre per year. • DO NOT make more than 3 applications per year. • Retreatment Interval: 4 months	

STORAGE AND DISPOSAL

DO NOT contaminate water, food, or feed by storage or disposal.

PESTICIDE STORAGE: Store in a dry, secure place.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility. Improper disposal of unused pesticide, spray mixture, or rinse water is a violation of Federal law. If these wastes cannot be used according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER HANDLING:

[[Nonrefillable Outer Bag:] DO NOT reuse or refill the outer bag. Completely empty bag into application equipment. Offer bag for recycling if available. If recycling is not available, then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.]

[[Nonrefillable Plastic (Capacity Equal to or Less Than 50 Pounds):] Nonrefillable container. DO NOT reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then, offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration. **DO NOT** burn, unless allowed by State and local ordinances.]

[[Nonrefillable Plastic (Capacity Greater Than 50 Pounds):] Nonrefillable container. DO NOT reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then, offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration. **DO NOT** burn, unless allowed by State and local ordinances.]

[[Nonrefillable Plastic, e.g., Intermediate Bulk Containers [IBC] (Size or Shape Too Large to be Tipped, Rolled or Turned Upside Down):] Nonrefillable container. DO NOT reuse or refill this container. Clean container promptly after emptying the contents from this container into application equipment or mix tank and before final disposal using the following pressure rinsing procedure. Insert a lance fitted with a suitable tank cleaning nozzle into the container and ensure that the water spray thoroughly covers the top, bottom, and all sides inside the container. The nozzle manufacturer generally provides instructions for the appropriate spray pressure, spray duration and/or spray volume. If the manufacturer's instructions are not available, pressure rinse the container for at least 60 seconds using a minimum pressure of 30 PSI with a minimum rinse volume of 10% of the

container volume. Drain, pour or pump rinsate into application equipment or rinsate collection system. Repeat this pressure rinsing procedure two more times. Then, offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration.]

[[Nonrefillable Paper or Plastic Bags, Fiber Sacks including Flexible Intermediate Bulk Containers (FIBC) or Fiber Drums with Liners:]] Nonrefillable container. **DO NOT** reuse or refill this container. Completely empty paper or plastic bag, fiber sack or drum liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application or manufacturing equipment. Then offer for recycling if available or dispose of empty paper or plastic bag, fiber sack or fiber drum and liner in a sanitary landfill, or by incineration. **DO NOT** burn, unless allowed by State and local ordinances.]

[[Refillable Fiber Drums with Liners: Refillable container (fiber drum only). Refilling Fiber Drum:]] Refill this fiber drum with this pesticide only. **DO NOT** reuse this fiber drum for any other purpose. Cleaning before refilling is the responsibility of the refiller. Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application or manufacturing equipment. Disposing of Fiber Drum and/or Liner: **DO NOT** reuse this fiber drum for any other purpose other than refilling (see preceding). Cleaning the container (liner and/or fiber drum) before final disposal is the responsibility of the person disposing of the container. Offer the liner for recycling if available or dispose of liner in a sanitary landfill, or by incineration. **DO NOT** burn, unless allowed by State and local ordinances. If drum is contaminated and cannot be reused, dispose of it in the manner required for its liner. To clean the fiber drum before final disposal, completely empty the fiber drum by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application or manufacturing equipment. Then offer the fiber drum for recycling if available or dispose of in a sanitary landfill, or by incineration. **DO NOT** burn, unless allowed by State and local ordinances.]

[[Refillable Plastic Containers:]] Refillable container. Refilling Container: Refill this container with this pesticide only. **DO NOT** reuse this container for any other purpose. Cleaning before refilling is the responsibility of the refiller. Prior to refilling, inspect carefully for damage including cracks, punctures, abrasions, worn out threads and closure devices. If damage is found, **DO NOT** use the container. Check for leaks after refilling and before transporting. If leaks are found, **DO NOT** reuse or transport container. Disposing of Container: **DO NOT** reuse this container for any other purpose other than refilling (see preceding). Cleaning the container before final disposal is the responsibility of the person disposing of the container. To clean the container before final disposal, use the following pressure rinsing procedure. Insert a lance fitted with a suitable tank cleaning nozzle into the container and ensure that the water spray thoroughly covers the top, bottom, and all sides inside the container. The nozzle manufacturer generally provides instructions for the appropriate spray pressure, spray duration and/or spray volume. If the manufacturer's instructions are not available, pressure rinse the container for at least 60 seconds using a minimum pressure of 30 PSI with a minimum rinse volume of 10% of the container volume. Drain, pour or pump rinsate into application equipment or rinsate collection system. Repeat this pressure rinsing procedure two more times. Then, offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration. **DO NOT** burn, unless allowed by State and local ordinances.]

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather, presence of other materials or other influencing factors in the use of the product, which are beyond the control of Sharda USA LLC or Seller. To the extent consistent with applicable law, all such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Sharda USA LLC and Seller harmless for any claims relating to such factors.

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{OPTIONAL MARKETING LANGUAGE:}

1	www.shardausa.com 
2	[Handle with Care]
3	[This side Up]
4	{The below graphic to be added to box if formulated in the United States}  Proudly Formulated & Packaged In The U.S.A.