



U.S. ENVIRONMENTAL PROTECTION AGENCY

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

EPA Reg. Number:

100-1763

Date of Issuance:

2/2/26

NOTICE OF PESTICIDE:

☒ Registration
☐ Reregistration
(under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

A9382 ST

Name and Address of Registrant (include ZIP Code):

Syngenta Crop Protection, LLC
P.O. Box 18300
Greensboro, NC 27419-8300

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.
2. The data requirements for storage stability and corrosion characteristics (Guidelines 830.6317 and 830.6320) are not satisfied. You have 18 months from the date of registration to provide these data.

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Signature of Approving Official:

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

Date:

2/2/26

3. Make the following label changes before you release the product for shipment:
 - Revise the EPA Registration Number to read, "EPA Reg. No. 100-1763."
4. 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 03/14/2025
- Alternate CSF 1 dated 03/20/2025

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

Enclosure

MEFENOXAM	GROUP 4	FUNGICIDE
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A9382 ST

[Alternate Brand Name: KOFA, GST Mefenoxam 360FS]

Fungicide

A seed treatment product for protection against *Pythium* and *Phytophthora* causing damping-off, seed rot, and systemic downy mildew diseases of certain crops

Active Ingredients:

Mefenoxam*	33.3%
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Other Ingredients:	66.7%
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Total:	100.0%
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*CAS Nos. 70630-17-0 and 69516-34-3

A9382 ST is a flowable concentrate for seed treatment containing 3.0 pounds of mefenoxam per gallon.

KEEP OUT OF REACH OF CHILDREN.

WARNING/AVISO

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

See additional precautionary statements and directions for use inside booklet.

EPA Reg. No. 100-XXXX

EPA Est.

_____ gallons

Net Contents

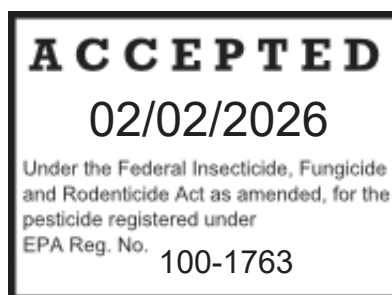


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1.0 FIRST AID

FIRST AID	
If in eyes	<ul style="list-style-type: none"> • 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 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 15-20 minutes. • Call a poison control center or doctor for treatment advice.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
<p align="center">SYNGENTA HOTLINE NUMBER For 24-Hour Medical Emergency Assistance (Human or Animal) or Chemical Emergency Assistance (Spill, Leak, Fire, or Accident), Call 1-800-888-8372</p>	

2.0 PRECAUTIONARY STATEMENTS

2.1 Hazards to Humans and Domestic Animals

WARNING/AVISO

Causes substantial but temporary eye irritation. **DO NOT** get in eyes or on clothing. Harmful if swallowed or absorbed through skin. Avoid contact with skin. 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.

2.2 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, neoprene rubber ≥14 mils, nitrile rubber ≥14 mils, polyvinyl chloride (PVC) ≥14 mils, Viton™ ≥14 mils
- Shoes plus socks
- Protective eyewear: faceshield, goggles, or safety glasses

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. **DO NOT** reuse them.

2.2.1 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.

2.2.2 Engineering Controls

When handlers use closed systems 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.

2.2.3 User Safety Recommendations

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.

2.3 Environmental Hazards

DO NOT contaminate water when disposing of equipment washwater or rinsate. Treated seed exposed on soil surface may be hazardous to wildlife. Cover or collect treated seeds spilled during loading and planting, including in row ends.

2.3.1 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.

2.3.2 Surface Water Advisory

This product may impact surface water quality due to runoff of rain water. This is especially true for poorly draining soils and soils with shallow groundwater. This product is classified as having high potential for reaching surface water via runoff for several months or more after application.

DIRECTIONS FOR USE

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

A9382 ST may only be used in accordance with directions on this label or separately published EPA approved supplemental labeling for this product.

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.

Treatment of highly mechanically scarred or damaged seed or seed known to be of low vigor and poor quality may result in reduced germination and/or reduction of seed and seedling vigor. Treat a quantity of seed using equipment similar to that planned for treating the total seed lot. Then conduct germination tests with a portion of this treated seed before committing the total seed lot to a selected seed treatment.

Due to seed quality, crop or variety sensitivity, and seed storage conditions beyond the control of Syngenta, no claims are made to guarantee the germination of carry-over seed or propagating material for all crops when treated with A9382 ST.

Restriction: Maximum usage when applying 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.

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

AGRICULTURAL USE REQUIREMENTS

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

DO NOT enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 48 hours. Exception: If the seed is treated with the product and the treated seed is soil-injected or 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 plants, soil, or water is:

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

3.0 PRODUCT INFORMATION

A9382 ST is a systemic fungicide seed treatment specifically for protection against systemic downy mildews and diseases caused by soil-borne *Pythium* and *Phytophthora* spp. When a rate range is specified, use higher specified rates of A9382 ST when the disease pressure is expected to be high.

For protection against other soil-borne diseases, including those caused by *Fusarium* spp. and *Rhizoctonia* spp., A9382 ST must be applied in combination with other registered seed treatment fungicides.

Apply A9382 ST as a water-based slurry through standard liquid-type seed treatment equipment that provides uniform seed coverage. It is advised to use seed treaters with atomizers or spinning discs for better product coverage on the seed.

3.1 Resistance Management

A9382 ST contains mefenoxam, a Group 4 fungicide. Any fungal population may contain individuals naturally resistant to A9382 ST 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. Follow appropriate resistance-management strategies.

Mefenoxam belongs to the phenylamide class of chemistry which interferes with fungal RNA synthesis.

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

- Rotate the use of A9382 ST or other Group 4 fungicides within a growing season sequence with different groups that control the same pathogens.
- Use tank mixtures with fungicides 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 populations for resistance development.
- Contact your local extension specialist or certified crop advisor for any additional pesticide resistance-management and/or IPM guidance for specific crops and pathogens.

- For further information or to report suspected resistance contact Syngenta at 1-866-796-4368. You can also contact your pesticide distributor or university extension specialist to report resistance.

Syngenta encourages responsible product stewardship to ensure effective long-term control of the fungal diseases on this label.

4.0 APPLICATION DIRECTIONS

Important: Recirculate A9382 ST thoroughly before using.

Follow the manufacturer's application instructions for the seed treatment equipment being used.

Apply A9382 ST as a water-based slurry through standard liquid-type seed treatment equipment that provides uniform seed coverage. It is advised to use seed treaters with atomizers or spinning discs for better product coverage on the seed. The total application volume must be sufficient to provide the desired level of coverage. Thoroughly mix the specified amount of A9382 ST into the required amount of water for the slurry treater and dilution rate to be used. Uneven or incomplete seed coverage may not give the desired level of disease control.

Continuous agitation or mixing of the slurry mixture is necessary to prevent settling out of the solution. Clean out any unused product from the treater after treating or maintain constant agitation if the leftover slurry will be maintained overnight.

Restrictions:

- Seed treated with this product must be visually identifiable from untreated seed by the use of an approved colorant or dye to prevent accidental use of treated seed as food for humans or feed for animals. Refer to 21 CFR Part 2.25. Any colorant or dye added to treated seed must be cleared for use in accordance with 40 CFR Part 153.155(c).
- Allow seed to dry before bagging.

Follow planter manufacturer's specifications for use of talc or other hopper box additives at planting. Seed must be completely dry before adding to planter.

4.1 Tank Mixtures

A9382 ST mixes easily with water and other water-based seed treatments. When mixing with products from other manufacturers, test the compatibility prior to use by conducting a jar test: Mix all intended seed treatments with a proportional amount of water to achieve the desired slurry mixture in a clear glass container. Mix well and allow mixture to sit for one hour. Remix and observe for incompatibility.

Mixing A9382 ST with tank-mix partners: Add $\frac{1}{2}$ of the required water to the mix tank and turn on the agitation. Mechanical agitation is preferred. If using wettable powders, add them first to clean water allowing them to completely disperse prior to adding A9382 ST or other products. Allow each tank-mix partner to completely disperse before adding the next product. Add the remaining amount of water and agitate. Maintain agitation until the entire slurry mixture has been used.

For protection against other soil-borne diseases, including those caused by *Fusarium* spp. and *Rhizoctonia* spp., apply A9382 ST in combination with other registered seed treatment fungicides.

It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank-mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture.

USE RESTRICTION: 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 with an EPA approved dye including one of the dyes listed in 40 CFR Sections 180.910 and 180.920 to distinguish and prevent subsequent inadvertent use as food for man or feed for animals.

5.0 ROTATIONAL CROP RESTRICTIONS

In the event of a crop failure or harvest of a crop grown from seed treated with A9382 ST, the field may be replanted immediately with any crops.

6.0 SEED CONTAINER LABEL REQUIREMENTS

THE FEDERAL SEED ACT REQUIRES THAT CONTAINERS OF SEEDS TREATED WITH A9382 ST MUST BE LABELED WITH THE FOLLOWING STATEMENTS:

- This seed has been treated with mefenoxam fungicide.
- **DO NOT** use treated seed for feed, food, or oil purposes.

THE US ENVIRONMENTAL PROTECTION AGENCY REQUIRES THE FOLLOWING STATEMENTS ON CONTAINERS OF SEEDS TREATED WITH A9382 ST:

- Store treated seed away from feed and foodstuffs.
- **DO NOT** allow children, pets or livestock to have access to treated seeds.
- Treated seed exposed on soil surface may be hazardous to wildlife. Cover or collect treated seeds spilled during loading and planting, including in row ends.
- Wear long-sleeved shirt, long pants, shoes, socks, and chemical-resistant gloves when handling treated seed.
- Dispose of excess treated seed by burying seed away from bodies of water.
- **DO NOT** contaminate water bodies when disposing of planting equipment washwater.
- Dispose of seed packaging in accordance with local requirements.
- Treated seed must be incorporated into the soil at the advised depth.
- **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.

- **For Brassica Head and Stem Vegetables, Bulb Vegetables, Cucurbit Vegetables and Fruiting Vegetables: DO NOT** apply a pre-plant or an at-plant application of mefenoxam or metalaxyl products to seed treated with A9382 ST.
- **For Bulb Vegetables: DO NOT** apply more than 0.0078 lb ai/A (3.5 g ai/A) per calendar year of mefenoxam- or metalaxyl-containing products as a seed treatment
- **For Root and Tuber Vegetables: DO NOT** apply more than 0.020 lb ai/A (9.2 g ai/A) per calendar year of mefenoxam- or metalaxyl-containing products as a seed treatment
- **For Spinach: DO NOT** use seed for spinach to be grown in the greenhouse or inside environmentally-controlled rooms.

7.0 SEED TREATMENT DIRECTIONS – DOMESTIC USE

7.1 Brassica Head and Stem Vegetable Crop Group 5-16

Crops			
Broccoli		Cabbage, Chinese (napa)	
Brussels sprouts		Cauliflower	
Cabbage		Cultivars, varieties, and hybrids of these commodities	
Target Disease	Use Rate		
	fl oz/100 lb of seed	lb ai/100 lb seed	mg ai/seed*
Pythium damping-off	0.085 – 0.64	0.002 – 0.015	0.0001 – 0.0007
*based on an average seed weight of 100,000 seeds/lb			
Additional Information			
<ul style="list-style-type: none">For seeds sown for transplant production: Use A9382 ST with a labeled rate of azoxystrobin.			
USE RESTRICTIONS			
<ul style="list-style-type: none">DO NOT apply a pre-plant or an at-plant application of mefenoxam or metalaxyl products to seed treated with A9382 ST. Mefenoxam foliar/in-furrow products are allowed to be applied beginning 6 weeks after transplanting.Maximum Annual Application Rate: DO NOT apply more than 0.00082 lb ai/A/year (0.031 lb ai/100 lb seed/year) of mefenoxam- or metalaxyl-containing products as a seed treatment.			
Resistance Management:			
<ul style="list-style-type: none">Refer to Section 3.1.			

7.2 Bulb Vegetable Crop Group 3-07

Crops			
Chive, fresh leaves	Onion, Beltsville bunching		
Chive, Chinese, fresh leaves	Onion, bulb		
Daylily, bulb	Onion, Chinese, bulb		
Elegans hosta	Onion, fresh		
Fritillaria, bulb	Onion, green		
Fritillaria, leaves	Onion, macrostem		
Garlic, bulb	Onion, pearl		
Garlic, great-headed, bulb	Onion, potato, bulb		
Garlic, Serpent, bulb	Onion, tree, tops		
Kurrat	Onion, Welsh, tops		
Lady's leek	Shallot, bulb		
Leek	Shallot, fresh leaves		
Leek, wild	Cultivars, varieties, and/or hybrids of these		
Lily, bulb			
Target Disease	Use Rate		
	fl oz/100 lb of seed	lb ai/100 lb seed	mg ai/ seed*
Pythium damping-off	0.085 – 0.64	0.002 – 0.015	0.0001 – 0.0007
*based on an average seed weight of 100,000 seeds/lb			
USE RESTRICTIONS			
<ul style="list-style-type: none"> Maximum Annual Application Rate: DO NOT apply more than 0.0078 lb ai/A (0.031 lb ai/100 lb seed) per calendar year of mefenoxam- or metalaxyl-containing products as a seed treatment on Bulb Vegetable Crop Group 3-07 			
Resistance Management: <ul style="list-style-type: none"> Refer to Section 3.1. 			

7.3 Cucurbit Vegetables Crop Group 9

Crops			
Chayote (fruit)	Chinese cucumber	Squash, summer (<i>Cucurbita pepo</i> var. <i>melo</i> pepo)	
Chinese waxgourd	Muskmelon	Crookneck squash	
(Chinese preserving melon)	(hybrids and/or cultivars of <i>Cucumis melo</i>)	Scallop squash	
Citron melon	Cantaloupe	Straightneck squash	
Cucumber	Casaba	Vegetable marrow	
Gherkin	Crenshaw melon	Zucchini	
Gourd, edible (<i>Lagenaria</i> spp.)	Golden pershaw melon	Squash, winter (<i>Cucurbita maxima</i> , <i>C. moschata</i>)	
Hyotan	Honeydew melon	Butternut squash	
Cucuzza	Honey balls	Calabaza	
Gourd, edible (<i>Luffa acutangula</i> , <i>L. cylindrical</i>)	Mango melon	Hubbard squash	
Hechima	Persian melon	Squash, winter (<i>Cucurbita mixta</i> , <i>C. pepo</i>):	
Chinese okra	Pineapple melon	Acorn squash	
<i>Momordica</i> spp.	Santa Claus melon	Spaghetti squash	
Balsam apple	Snake melon	Watermelon (hybrids and/or varieties of <i>Citrullus lanatus</i>)	
Balsam pear	True cantaloupe		
Bitter melon	Pumpkin		
Target Disease	Use Rate		
	fl oz/100 lb of seed	lb ai/100 lb seed	mg ai/seed*
Pythium damping-off	0.085 – 0.64	0.002 – 0.015	0.0006 – 0.0047
*based on an average seed weight of 15,000 seeds/lb			
Additional Information			
• For seeds sown for transplant production: Use A9382 ST with a labeled rate of azoxystrobin.			
USE RESTRICTIONS			
• Maximum Annual Application Rate: DO NOT apply more than 0.0078 lb ai/A/year (0.031 lb ai/100 lb seed/year) of mefenoxam- or metalaxyl-containing products as a seed treatment.			
• DO NOT apply a pre-plant or an at-plant application of mefenoxam or metalaxyl products to seed treated with A9382 ST. Mefenoxam foliar/in-furrow products are allowed to be applied beginning 6 weeks after transplanting.			
Resistance Management:			
• Refer to Section 3.1 .			

7.4 Fruiting Vegetable Crop Group 8-10

Crops			
African eggplant	Groundcherry	Pepper, non-bell	
Bush tomato	Martynia	Roselle	
Cocona	Naranjilla	Scarlet eggplant	
Currant tomato	Okra	Sunberry	
Eggplant	Pea eggplant	Tomatillo	
Garden huckleberry	Pepino	Tomato	
Goji berry	Pepper, bell	Tree Tomato	
		Cultivars, varieties and/or hybrids of these	
Target Disease	Use Rate		
	fl oz/100 lb of seed	lb ai/100 lb seed	mg ai/seed*
Pythium damping-off	0.085 – 0.64	0.002 – 0.015	0.00006 – 0.0005
*based on an average seed weight of 150,000 seeds/lb			
Additional Information			
<ul style="list-style-type: none"> For seeds sown for transplant production: Use A9382 ST with a labeled rate of azoxystrobin. 			
USE RESTRICTIONS			
<ul style="list-style-type: none"> Maximum Annual Application Rate: DO NOT apply more than 0.0047 lb ai/A/year (0.031 lb ai/100 lb seed/year) of mefenoxam- or metalaxyl-containing products as a seed treatment. DO NOT apply a pre-plant or an at-plant application of mefenoxam or metalaxyl products to seed treated with A9382 ST. Mefenoxam foliar/in-furrow products are allowed to be applied beginning 6 weeks after transplanting. 			
Resistance Management:			
<ul style="list-style-type: none"> Refer to Section 3.1. 			

7.5 Leaf Petiole Vegetable Crop Subgroup 22B

Crops			
Cardoon		Rhubarb	
Celery		Udo	
Celery, Chinese		Zuiki	
Fuki		Cultivars, varieties, and hybrids of the commodities in crop subgroup 22B	
Target Disease	Use Rate		
	fl oz/100 lb of seed	lb ai/100 lb seed	mg ai/seed*
Pythium damping-off	0.085 – 0.64	0.002 – 0.015	0.000009 – 0.00007
*based on an average seed weight of 1,000,000 seeds/lb			
USE RESTRICTIONS			
<ul style="list-style-type: none">Maximum Annual Application Rate: DO NOT apply more than 0.00002 lb ai/A/year (0.031 lb ai/100 lb seed/year) of mefenoxam- or metalaxyl-containing products as a seed treatment.			
Resistance Management:			
<ul style="list-style-type: none">Refer to Section 3.1.			

7.6 Leafy Vegetable Crop Group 4-16

Crops			
Amaranth, Chinese	Cress, upland (<i>yellow rocket</i> , <i>winter cress</i>)	Mustard green	
Amaranth, Leafy		Orach	
Arugula (Roquette)	Dandelion, leaves	Parsley, fresh leaves	
Aster, Indian	Dock (<i>sorrel</i>)	Plantain, Buckhorn	
Blackjack	Dol-nam-mul	Primrose, English	
Broccoli, Chinese (gai lon)	Ebolo	Purslane, Garden	
Broccoli Raab (rapini)	Endive (<i>escarole</i>)	Purslane, Winter	
Cabbage, Abyssinian	Escarole	Radish, leaves	
Cabbage, Chinese (bok choy)	Fameflower	Rape Greens	
Cabbage, seakale	Feather Cockscomb	Rocket, wild	
Cat's Whiskers	Good King Henry	Shepherd's Purse	
Cham-chwi	Hanover Salad	Spinach	
Cham-na-mul	Huauzontle	Spinach, Malabar	
Chervil, fresh leaves	Jute, leaves	Spinach, New Zealand	
Chrysanthemum, garland	Kale	Spinach, Tanier	
Cilantro, fresh leaves	Lettuce, Bitter	Swiss chard	
Collards	Lettuce, Head	Turnip Greens	
Corn Salad	Lettuce, Leaf	Violet, Chinese, leaves	
Cosmos	Maca, leaves	Cultivars, varieties, and hybrids of these commodities	
Cress, garden	Mizuna		
Target Disease	Use Rate		
	fl oz/100 lb of seed	lb ai/100 lb seed	mg ai/seed*
Pythium damping-off	0.085 – 0.64	0.002 – 0.015	0.00002 – 0.00018
*based on average seed weight of 400,000 seeds/lb			
USE RESTRICTIONS			
<ul style="list-style-type: none"> Maximum Annual Application Rate: DO NOT apply more than 0.0194 lb ai/A/year (0.078 lb ai/100 lb seed/year) of mefenoxam- or metalaxyl-containing products as a seed treatment. DO NOT APPLY A9382 ST to spinach that is to be grown in the greenhouse or enclosed environmentally-controlled rooms. Containers or bags of spinach treated with A9382 ST must be labeled as follows: “DO NOT USE SEED FOR SPINACH TO BE GROWN IN THE GREENHOUSE OR INSIDE ENVIRONMENTALLY-CONTROLLED ROOMS.” 			
Resistance Management:			
<ul style="list-style-type: none"> Refer to Section 3.1. 			

7.7 Leaves of Root and Tuber Vegetables (except Sugarbeet) Crop Group 2

Crops			
Beet, Garden		Parsnip	
Burdock, edible		Radish	
Carrot		Radish, Oriental (daikon)	
Cassava, Bitter and Sweet		Rutabaga	
Celeriac (celery root)		Salsify, Black	
Chervil, Turnip-Rooted		Sweet Potato	
Chicory		Tanier (cocoyam)	
Dasheen (taro)		Turnip	
		Yam, True	
Target Disease	Use Rate		
	fl oz/100 lb of seed	lb ai/100 lb seed	mg ai/seed*
Pythium damping-off	0.085 – 0.64	0.002 – 0.015	0.00003 – 0.00023
*based on an average seed weight of 300,000 seeds/lb			
USE RESTRICTIONS			
<ul style="list-style-type: none"> Maximum Annual Application Rate: DO NOT apply more than 0.0203 lb ai/A/year (0.062 lb ai/100 lb seed/year) of mefenoxam- or metalaxyl-containing products as a seed treatment. 			
Resistance Management: <ul style="list-style-type: none"> Refer to Section 3.1. 			

7.8 Root and Tuber Vegetables (except Sugarbeet) Crop Subgroup 1B

Crops			
Beet, garden		Parsnip	
Burdock, Edible		Radish	
Carrot		Radish, oriental (daikon)	
Celeriac (celery root)		Rutabaga	
Chervil, turnip-rooted		Salsify (oyster plant)	
Chicory		Salsify, black	
Ginseng		Salsify, Spanish	
Horseradish		Skirret	
Parsley, turnip-rooted		Turnip	
Target Disease	Use Rate		
	fl oz/100 lb of seed	lb ai/100 lb seed	mg ai/seed*
Pythium damping-off	0.085 – 0.64	0.002 – 0.015	0.00003 – 0.00023
*based on an average seed weight of 300,000 seeds/lb			
USE RESTRICTIONS			
<ul style="list-style-type: none"> DO NOT Apply A9382 ST to potatoes. Maximum Annual Application Rate: DO NOT apply more than 0.020 lb ai/A/year (0.062 lb ai/100 lb seed/year) of mefenoxam- or metalaxyl-containing products as a seed treatment. 			
Resistance Management: <ul style="list-style-type: none"> Refer to Section 3.1. 			

8.0 SEED CONTAINER LABEL REQUIREMENTS – EXPORT USE

THE FEDERAL SEED ACT REQUIRES THAT CONTAINERS OF SEEDS TREATED WITH A9382 ST MUST BE LABELED WITH THE FOLLOWING STATEMENTS:

- This seed has been treated with mefenoxam fungicide.
- **DO NOT** use for feed, food, or oil purposes.

THE U.S. ENVIRONMENTAL PROTECTION AGENCY REQUIRES THE FOLLOWING STATEMENTS ON CONTAINERS OF SEEDS TREATED FOR EXPORT USE WITH A9382 ST:

- **TREATED SEED FOR EXPORT ONLY – NOT FOR DOMESTIC SALE OR USE IN THE UNITED STATES.**

EXPORTER IS RESPONSIBLE FOR VERIFYING SEED CONTAINER LABEL REQUIREMENTS IN COUNTRY OF DESTINATION OR USE. MAXIMUM USE RATES SPECIFIED ON THIS LABEL MUST NOT BE EXCEEDED.

9.0 SEED TREATMENT DIRECTIONS – EXPORT USE

9.1 Brassica Head and Stem Vegetable Crop Group 5-16

Crops			
Broccoli	Cabbage, Chinese (napa)		
Brussels sprouts	Cauliflower		
Cabbage	Cultivars, varieties, and hybrids of these commodities		
Target Disease	Use Rate		
	fl oz/100 lb of seed	lb ai/100 lb seed	mg ai/seed*
Pythium damping-off	0.32 – 0.64	0.008 – 0.015	0.00035 – 0.0007
*based on an average seed weight of 100,000 seeds/lb			
Additional Information			
<ul style="list-style-type: none"> Verify the actual registered rate in country of destination or use. 			
USE RESTRICTIONS			
<ul style="list-style-type: none"> Maximum use rates specified on this label must not be exceeded. 			
Resistance Management:			
<ul style="list-style-type: none"> Refer to Section 3.1. 			

9.2 Bulb Vegetables Crop Group 3-07

Crops			
Chive, fresh leaves	Onion, Beltsville bunching		
Chive, Chinese, fresh leaves	Onion, bulb		
Daylily, bulb	Onion, Chinese, bulb		
Elegans hosta	Onion, fresh		
Fritillaria, bulb	Onion, green		
Fritillaria, leaves	Onion, macrostem		
Garlic, bulb	Onion, pearl		
Garlic, great-headed, bulb	Onion, potato, bulb)		
Garlic, Serpent, bulb	Onion, tree, tops		
Kurrrat	Onion, Welsh, tops		
Lady's leek	Shallot, bulb		
Leek	Shallot, fresh leaves		
Leek, wild	Cultivars, varieties, and/or hybrids of these		
Lily, bulb			
Target Diseases	Use Rate		
	fl oz/100 lb of seed	lb ai/100 lb seed	mg ai/seed*
Pythium damping-off	0.32 -- 0.64	0.008 – 0.015	0.00035 – 0.0007
*based on an average seed weight of 100,000 seeds/lb			
Additional Information			
• Verify the actual registered rate in country of destination or use.			
USE RESTRICTIONS			
• Maximum use rates specified on this label must not be exceeded.			
Resistance Management:			
• Refer to Section 3.1 .			

9.3 Cucurbit Vegetables Crop Group 9

Crops			
Chayote (fruit)	Muskmelon	Squash, summer (<i>Cucurbita pepo</i> var. <i>melo</i>)	
Chinese waxgourd (Chinese preserving melon)	(hybrids and/or cultivars of <i>Cucumis melo</i>)	Crookneck squash	
Citron melon	Cantaloupe	Scallop squash	
Cucumber	Casaba	Straightneck squash	
Gherkin	Crenshaw melon	Vegetable marrow	
Gourd, edible (<i>Lagenaria</i> spp.)	Golden pershaw melon	Zucchini	
Hyotan	Honeydew melon	Squash, winter	
Cucuzza	Honey balls	(<i>Cucurbita maxima</i> , <i>C. moschata</i>)	
Gourd, edible (<i>Luffa acutangula</i> , <i>L. cylindrical</i>)	Mango melon	Butternut squash	
Hechima	Persian melon	Calabaza	
Chinese okra	Pineapple melon	Hubbard squash	
<i>Momordica</i> spp.	Santa Claus melon	Squash, winter	
Balsam apple	Snake melon	(<i>Cucurbita mixta</i> , <i>C. pepo</i>):	
Balsam pear	True cantaloupe	Acorn squash	
Bitter melon	Pumpkin	Spaghetti squash	
Chinese cucumber		Watermelon (hybrids and/or varieties of <i>Citrullus lanatus</i>)	
Target Disease	Use Rate		
	fl oz/100 lb of seed	lb ai/100 lb seed	mg ai/seed*
Pythium damping-off	0.32 — 0.64	0.008 – 0.015	0.0023 – 0.0047
*based on an average seed weight of 15,000 seeds/lb			
Additional Information			
• Verify the actual registered rate in country of destination or use.			
USE RESTRICTIONS			
• Maximum use rates specified on this label must not be exceeded.			
Resistance Management:			
• Refer to Section 3.1 .			

9.4 Fruiting Vegetable Crop Group 8-10

Crops			
African eggplant	Groundcherry	Pepper, non-bell	
Bush tomato	Martynia	Roselle	
Cocona	Naranjilla	Scarlet eggplant	
Currant tomato	Okra	Sunberry	
Eggplant	Pea eggplant	Tomatillo	
Garden huckleberry	Pepino	Tomato	
Goji berry	Pepper, bell	Tree Tomato	
		Cultivars, varieties and/or hybrids of these	
Target Disease	Use Rate		
	fl oz/100 lb of seed	lb ai/100 lb seed	mg ai/seed*
Pythium damping-off	0.32 -- 0.64	0.008 – 0.015	0.00023 – 0.00047
*based on an average seed weight of 150,000 seeds/lb			
Additional Information			
<ul style="list-style-type: none"> Verify the actual registered rate in country of destination or use. 			
USE RESTRICTIONS			
<ul style="list-style-type: none"> Maximum use rates specified on this label must not be exceeded. 			
Resistance Management:			
<ul style="list-style-type: none"> Refer to Section 3.1. 			

9.5 Leaf Petiole Vegetable Crop Subgroup 22B

Crops			
Cardoon		Rhubarb Udo Zuiki Cultivars, varieties, and hybrids of the commodities in crop subgroup 22B	
Celery			
Celery, Chinese			
Fuki			
Target Disease	Use Rate		
	fl oz/100 lb of seed	lb ai/100 lb seed	mg ai/seed*
Pythium damping-off	0.32 — 0.64	0.008 – 0.015	0.000035 – 0.00007
*based on an average seed weight of 1,000,000 seeds/lb			
Additional Information			
• Verify the actual registered rate in country of destination or use.			
USE RESTRICTIONS			
• Maximum use rates specified on this label must not be exceeded.			
Resistance Management:			
• Refer to Section 3.1 .			

9.6 Leafy Vegetable Crop Group 4-16

Crops			
Amaranth, Chinese	Cress, upland (yellow	Mizuna	
Amaranth, Leafy	rocket, winter cress)	Mustard greens	
Arugula (Roquette)	Dandelion, leaves	Orach	
Aster, Indian	Dang-gwi, leaves	Parsley, fresh leaves	
Blackjack	Dillweed	Plantain, Buckhorn	
Broccoli, Chinese (gai lon)	Dock (sorrel)	Primrose, English	
Broccoli Raab (rapini)	Dol-nam-mul	Purslane, Garden	
Cabbage, Abyssinian	Ebolo	Purslane, Winter	
Cabbage, Chinese (bok choy)	Endive (escarole)	Radicchio (red chicory)	
Cabbage, seakale	Escarole	Radish, leaves	
Cat's Whiskers	Fameflower	Rape Greens	
Cham-chwi	Feather Cockscomb	Rocket, wild	
Cham-na-mul	Good King Henry	Shepherd's Purse	
Chervil, fresh leaves	Hanover Salad	Spinach	
Chipilin	Huauzontle	Spinach, Malabar	
Chrysanthemum, garland	Jute, leaves	Spinach, New Zealand	
Cilantro, fresh leaves	Kale	Spinach, Tanier	
Collards	Lettuce, Bitter	Swiss chard	
Corn Salad	Lettuce, Head	Turnip Greens	
Cosmos	Lettuce, Leaf	Violet, Chinese, leaves	
Cress, garden	Maca, leaves	Cultivars, varieties, and hybrids of these commodities	
Target Disease	Use Rate		
	fl oz/100 lb of seed	lb ai/100 lb seed	mg ai/seed*
Pythium damping-off	0.32 — 0.64	0.008 – 0.015	0.00009 – 0.00018
*based on an average seed weight of 400,000 seeds/lb			
Additional Information			
<ul style="list-style-type: none"> Verify the actual registered rate in country of destination or use. 			
USE RESTRICTIONS			
<ul style="list-style-type: none"> Maximum use rates specified on this label must not be exceeded. 			
Resistance Management:			
<ul style="list-style-type: none"> Refer to Section 3.1. 			

9.7 Root and Tuber Vegetables (except Sugarbeet) Crop Group 1B

Crops			
Beet, garden		Parsnip	
Burdock, Edible		Radish	
Carrot		Radish, oriental (daikon)	
Celeriac (celery root)		Rutabaga	
Chervil, turnip-rooted		Salsify (oyster plant)	
Chicory		Salsify, black	
Ginseng		Salsify, Spanish	
Horseradish		Skirret	
Parsley, turnip-rooted		Turnip	
Target Disease	Use Rate		
	fl oz/100 lb of seed	lb ai/100 lb seed	mg ai/seed*
Pythium damping-off	0.32 — 0.64	0.008 – 0.015	0.00012 – 0.00023
*based on an average seed weight of 300,000 seeds/lb			
Additional Information			
<ul style="list-style-type: none"> Verify the actual registered rate in country of destination or use. 			
USE RESTRICTIONS			
<ul style="list-style-type: none"> Maximum use rates specified on this label must not be exceeded. DO NOT Apply A9382 ST to potatoes. 			
Resistance Management:			
<ul style="list-style-type: none"> Refer to Section 3.1. 			

10.0 STORAGE AND DISPOSAL

STORAGE AND DISPOSAL

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

Pesticide Storage

Store in the original container and only in a cool, dry, secure place.

Pesticide Disposal

Wastes resulting from the use of this product may be disposed of on-site or at an approved waste disposal facility. Open dumping is prohibited.

Container Handling [(less than or equal to 5 gallons)]

Non-refillable 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. Drain for 10 seconds after the flow begins to drip. Fill the container $\frac{1}{4}$ 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, or by other procedures approved by state and local authorities.

Container Handling [(greater than 5 gallons)]

Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the person refilling. To clean container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures approved by state and local authorities.

Container Handling [(greater than 5 gallons)]

Non-refillable 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 $\frac{1}{4}$ 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, or by other procedures approved by state and local authorities.

For minor spills, leaks, etc., follow all precautions and restrictions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup and disposal of wastes. In the event of a major spill, fire, or other emergency, call 1-800-888-8372, day or night.

CONTAINER IS NOT SAFE FOR FOOD, FEED, OR DRINKING WATER.

11.0 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. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of SYNGENTA CROP PROTECTION, LLC or Seller. To the extent consistent with applicable law, Buyer and User agree to hold SYNGENTA and Seller harmless for any claims relating to such factors.

SYNGENTA warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. To the extent consistent with applicable law: (1) this warranty does not extend to the use of the product contrary to label instructions or under conditions not reasonably foreseeable to or beyond the control of Seller or SYNGENTA, and (2) Buyer and User assume the risk of any such use. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, SYNGENTA MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS WARRANTED BY THIS LABEL.**

To the extent consistent with applicable law, in no event shall SYNGENTA be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF SYNGENTA AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF SYNGENTA OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

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