



U.S. ENVIRONMENTAL PROTECTION AGENCY

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

EPA Reg. Number:

91234-446

Date of Issuance:

12/22/25

NOTICE OF PESTICIDE:

☒ Registration
☐ Reregistration
(under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

A288.507

Name and Address of Registrant (include ZIP Code):

Atticus
940 NW Cary Parkway, Suite 200
Cary, NC 27513

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.

Continues page 2

Signature of Approving Official:

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

Date:

12/22/25

2. Make the following label changes before you release the product for shipment:
 - Revise the EPA Registration Number to read, "EPA Reg. No. 91234-446."
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 06/27/2025
- Alternate CSF 1 dated 06/27/2025

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

Enclosure

12/12/2025

Under the Federal Insecticide, Fungicide
and Rodenticide Act as amended, for the
pesticide registered under
EPA Reg. No. 91234-446

{Note to reviewer: [Text] in brackets denotes optional or explanatory language}

{Note to reviewer: {Text} in braces denotes where in the final label text will appear}

{BOOKLET FRONT PANEL LANGUAGE}

MEFENOXAM

GROUP

4

FUNGICIDE

A288.507 [™]

[Alternate Brand Name: Portexa]

[FUNGICIDE]

ACTIVE INGREDIENT:

(% by weight)

Mefenoxam: D-Alanine, N-(2,6-dimethylphenyl)-N-(methoxyacetyl)-, methyl ester.....45.3%

OTHER INGREDIENTS:54.7%

TOTAL100.0%

Contains 4.1 pounds of Mefenoxam per gallon [(491 grams per liter)]

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 inside label booklet for First Aid, [additional] Precautionary Statements, and Directions for Use.]

[See back panel for First Aid, [additional] Precautionary Statements, and Directions for Use.]

[See below for additional Precautionary Statements]

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 the 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.
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact SafetyCall at 1-844-685-9173 for emergency medical treatment information.	

For Chemical Emergency:

Spill, Leak, Fire, Exposure, or Accident,

Call CHEMTREC Day or Night

Within USA and Canada: 1-800-424-9300 or +1 703-527-3887 (collect calls accepted)

EPA Reg. No.: 91234-XXX

EPA Est. No.:

Net Contents:

Manufactured for:

Atticus, LLC

940 NW Cary Parkway, Suite 200

Cary, NC 27513

{LANGUAGE INSIDE BOOKLET}

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

Causes substantial but temporary eye injury. Harmful if swallowed. **DO NOT** get in eyes or on 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
- Shoes plus socks
- Protective eyewear: face shield, goggles, or safety glasses
- Chemical-resistant gloves made of barrier laminate, butyl rubber ≥ 14 mils, nitrile rubber ≥ 14 mils, neoprene rubber ≥ 14 mils, polyvinyl chloride (PVC) ≥ 14 mils, Viton ≥ 14 mils.

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

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 contaminate water when disposing of equipment washwater or rinsate.

GROUNDWATER ADVISORY

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

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. A level, well-maintained vegetative buffer strip between areas to which this product is applied and surface water features including ponds, streams, and springs will reduce the potential loading of mefenoxam from runoff water and sediment. Runoff of this product will be reduced by avoiding applications when rainfall or irrigation is expected to occur within 48 hours.

PHYSICAL OR CHEMICAL HAZARDS

DO NOT mix or allow coming in contact with oxidizing agents. Hazardous chemical reaction may occur.

DIRECTIONS FOR USE

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

Due to seed quality, crop or variety sensitivity, and seed storage conditions beyond the control of Atticus, LLC, no claims are made to guarantee the germination of carry-over seed or propagating material for all crops when treated with **A288.507**.

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

AGRICULTURAL USE REQUIREMENTS

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

PRODUCT INFORMATION

A288.507 is a systemic fungicide seed dressing 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 **A288.507** when the disease pressure is expected to be high.

For protection against other soil-borne diseases, including *Rhizoctonia* spp., apply **A288.507** in combination with other registered seed dressing fungicides.

Use is permitted on-farm[*] and in commercial seed treatment facilities. **DO NOT** use for at-plant applications in hopper-box, planter-box, or slurry-box seed treatment applications. This product must be applied as a water-based slurry through standard slurry- or mist-type commercial seed treatment equipment.

[*Not Registered for Use by California.]

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.

Maximum Usage When Applying Both Mefenoxam and Metalaxyl-Containing Products to the Same Crop Within the Same Year: **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.

USE 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).
- The maximum application rate for mefenoxam- and metalaxyl-containing products (including seed treatments, foliar applications, soil application) is 12.3 lb. per acre per calendar year. **DO NOT** apply more than 12.3 lb. of active ingredients, mefenoxam and metalaxyl, per acre per calendar year.
- **DO NOT** use treated seed for feed, food, or oil purposes.
- Store treated seed away from feeds and foodstuffs. Treated seed must not be used for or mixed with food or animal feed or processed for oil. Seed commercially treated with this product must be labeled in accordance with all applicable requirements of the Federal Seed Act.
- Treated seeds exposed on soil surface may be hazardous to wildlife. Cover or collect treated seeds spilled during loading and planting.
- **DO NOT** allow children, pets, or livestock to have access to treated seed.
- If excess treated seed remains after planting, dispose of it by burying away from bodies of water.
- Excess treated seed may be used for ethanol production only if (1) by-products are not used for livestock feed and, (2) no measurable residues remain in ethanol by-products that are used in agronomic practice.

RESISTANCE MANAGEMENT RECOMMENDATIONS

A288.507 contains mefenoxam, a Group 4 fungicide. Mefenoxam belongs to the phenylamide class of chemistry. Pest populations may contain individuals naturally resistant to active ingredients in **A288.507** and if used repeatedly in the same fields, then resistant members may eventually dominate the population. Because resistance development cannot be predicted, the use of this product must conform to sound resistance management strategies including an alternation with fungicides of a different mode of action and/or tank mixes established for the crop and use area.

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

- Rotate the use of **A288.507** or other Group 4 fungicides within a year sequence with different groups that control the same pathogens.
- Use tank mixtures with fungicides from different groups 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/bactericide 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/bactericide applications. Note that using predictive models alone is not sufficient to manage resistance.
- Monitor treated fungal/bacterial populations for resistance development

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

MIXING INSTRUCTIONS

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.

Prepare no more mixture than is required for the immediate operation. Agitate the solution continuously during mixing and during application. Mechanical agitation is advised for proper mixing of **A288.507** mixtures.

A288.507 ALONE

Add $\frac{1}{4}$ - $\frac{1}{2}$ of the required amount of water to the mix tank. With the agitator running, add the **A288.507** to the tank. Continue agitation while adding the remainder of the water. Begin application of the solution after the **A288.507** has completely dispersed into the mix water. Maintain agitation until all of the mixture has been applied.

A288.507 + TANK MIXTURES

Add $\frac{1}{4}$ - $\frac{1}{2}$ of the required amount of water to the mix tank. Start the agitator before adding any tank-mix partners. In general, add tank-mix partners in this order:

1. wettable powders,
2. dry flowable formulations,
3. liquid flowable formulations,
4. liquids including **A288.507**, and
5. emulsifiable concentrates.

Always allow each tank-mix partner to become fully dispersed before adding the next product. Provide sufficient agitation while adding the remainder of the water and the **A288.507** to the mix tank. Allow the **A288.507** to completely disperse into the mix water. Maintain agitation until all of the mixture has been applied.

Note: When using **A288.507** in tank mixtures, add all products in water-soluble packaging to the tank before any other tank-mix partner, including **A288.507**. Allow the water-soluble packaging to dissolve completely and the product(s) to completely disperse before adding any other tank-mix partner to the tank.

If using **A288.507** in a tank mixture with other seed treatment products, observe all directions for use, crops/sites, use rates, dilution ratios, precautions, and limitations which appear on the tank-mix partner label. 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. This product may not be mixed with any product which prohibits such mixing.

SEED CONTAINER LABELING REQUIREMENTS – DOMESTIC USE

Seed commercially treated with this product must be labeled in accordance with all applicable requirements of the Federal Seed Act. The user of this product is responsible for ensuring that the seed bag meets all requirements under the Federal Seed Act.

THE FEDERAL SEED ACT REQUIRES THAT BAGS CONTAINING TREATED SEEDS BE LABELED WITH THE FOLLOWING STATEMENTS:

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

THE US ENVIRONMENTAL PROTECTION AGENCY REQUIRES THE FOLLOWING STATEMENTS ON BAGS CONTAINING SEEDS TREATED WITH A288.507 (MEFENOXAM):

- This seed has been treated with # lb. mefenoxam per # lb. of seed [or # mg per seed.]
- The maximum application rate for mefenoxam and metalaxyl-containing products (including seed treatments, foliar applications, soil application) is 12.3 lb. per acre per calendar year. **DO NOT** apply more than 12.3 lb. of active ingredients, mefenoxam and metalaxyl, per acre per calendar year.
- **Maximum usage when applying both mefenoxam- and metalaxyl-containing products to the same crop within the same year:**
 - **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.

- Wear long-sleeved shirt, long pants, shoes plus socks, and chemical resistant gloves when opening this bag or handling (e.g., loading, pouring) treated seed.
- Store treated seed away from feeds and foodstuffs.
- Store treated seed in a cool, dry location.
- **DO NOT** allow children, pets, or livestock to have access to treated seed.
- **DO NOT** store leftover treated seed where there is a chance of it becoming mixed with untreated seed.
- Treated seed must be incorporated into the soil at the specified depth.
- Treated seeds exposed on soil surface may be hazardous to wildlife. Cover or collect treated seeds spilled during loading and planting.
- **Groundwater Advisory:** Mefenoxam is known to leach through soil into groundwater under certain conditions as a result of agricultural use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.
- **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. A level, well-maintained vegetative buffer strip between areas to which this product is applied and surface water features including ponds, streams, and springs will reduce the potential loading of mefenoxam from runoff water and sediment. Runoff of this product will be reduced by avoiding applications when rainfall or irrigation is expected to occur within 48 hours.
- Dispose of all 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.
- Excess treated seed may be used for ethanol production only if (1) by-products are not used for livestock feed and (2) no measurable residues of pesticides remain in the ethanol by-products that are used in agronomic practice.

SEED TREATMENT DIRECTIONS – DOMESTIC USE

BRASSICA (COLE) LEAFY VEGETABLES - CROP GROUP 5

Broccoli (Chinese and raab), Brussels sprouts, Cabbage (Chinese bok choy, Chinese napa and Chinese mustard), Cauliflower, Cavalo broccoli, Collards, Kale, Kohlrabi, Mizuna, Mustard greens, Mustard spinach, Rape greens

Target Diseases	Product Rate		
	Fl. oz./100 lbs. of seed	Oz. ai/100 lbs. of seed	Lb. ai/100 lbs. of seed
<i>Pythium</i> damping-off	0.06 - 0.47	0.03 – 0.24	0.002 – 0.015
Restriction: <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 A288.507. 			

BULB VEGETABLES - CROP SUBGROUP 3-07

Garlic (great-headed), leek, onion (dry bulb and green), welsh onion, and shallot

Target Diseases	Product Rate		
	fl. oz./100 lbs. of seed	Oz. ai/100 lbs. of seed	Lb. ai/100 lbs. of seed
<i>Pythium</i> damping-off	0.06 - 0.47	0.03 – 0.24	0.002 – 0.015

CEREAL GRAINS - CROP GROUP 15

Crops	Target Diseases	Product Rate		
		Fl. oz./100 lbs. of seed	Oz. ai/100 lbs. of seed	Lb. ai/100 lbs. of seed
Barley, Buckwheat, Millet, Oats, Rice, Rye, Triticale and Wheat (All cereal crops except field corn and popcorn)	<i>Pythium</i> damping-off	0.23 - 0.47	0.12 – 0.24	0.007 – 0.015
Remarks: <ul style="list-style-type: none"> When used in combination with other seed treatment fungicides, see rates and application directions for each cereal grain crop listed. Refer to the Product Information section for additional guidance on rate selection. 				

Crops	Target Diseases	Product Rate		
		fl. oz./100 lbs. of seed	Oz. ai/100 lbs. of seed	Lb. ai/100 lbs. of seed
Barley, Oats, Rye, Triticale, and Wheat	<i>Pythium</i> damping off (when applied in combination with labeled rate of difenoconazole [(e.g., Salient® 372 FS) or other seed treatment products labeled for disease control in these crops)	0.03 - 0.06	0.02 – 0.03	0.001 – 0.002

Crops	Target Diseases	Product Rate			
		fl. oz./100 lbs. of seed	Oz. ai/100 lbs. of seed	Lb. ai/100 lbs. of seed	mg ai/seed ¹
Field Corn and Popcorn	<i>Pythium</i> seed rot and damping-off	0.03 - 0.06	0.02 – 0.03	0.001 – 0.002	0.003 – 0.005
Remarks: <ul style="list-style-type: none"> When used in combination with other seed treatment fungicides, see rates and application directions for each cereal grain crop listed. Refer to the Product Information section for additional guidance on rate selection ¹ Based on an average of 1,700 corn seeds/lb.					

Crop	Target Diseases	Product Rate		
		fl. oz./100 lbs. of seed	Oz. ai/100 lbs. of seed	Lb. ai/100 lbs. of seed
Sweet Corn	<i>Pythium</i> seed rot and damping-off (when applied in combination with labeled rate of fludioxonil [(e.g., Spirato® 480 FS)].)	0.23 - 0.47	0.12 – 0.24	0.007 – 0.015
	Systemic downy mildew	0.94	0.48	0.030
Remarks: <ul style="list-style-type: none"> Plant all sweet corn seed treated with A288.507 rather than carrying over to the following year. 				

Crop	Target Diseases	Product Rate			
		Fl. oz./100 lbs. of seed	Oz. ai/100 lbs. of seed	Lb. ai/100 lbs. of seed	Mg ai/seed ¹
Sorghum	<i>Pythium</i> damping off on all sorghum cultivars	0.23 - 0.47	0.12 – 0.24	0.007 – 0.015	0.0023 - 0.0047
	<i>Pythium</i> damping off protection when disease pressure is expected to be low and applied as a seed treatment in combination with labeled rate of fludioxonil [(e.g., Spirato 480 FS)]	0.06 - 0.23	0.03 – 0.12	0.002 - 0.007	0.0006 - 0.0023
	Systemic downy mildew on cultivars which possess sorghum downy mildew resistance	0.23 - 0.47	0.12 – 0.24	0.007 - 0.015	0.0023 - 0.0047
	Cultivars which DO NOT possess resistance to a particular race of sorghum downy mildew grown in areas with recent history of severe disease	0.94	0.48	0.030	0.0094

Remarks:

- Treat only high quality sorghum (≥ 90% germination) with **A288.507**.
- **Cultivars Which DO NOT Possess Resistance to a Particular Race of sorghum downy mildew grown in areas with recent history of severe disease:** plant seed treated with the 0.94 fl. oz. (0.030 lb. ai) rate rather than carrying over to the following year.

¹Based on an average seed weight of 14,500 sorghum seeds/lb.

Crop	Target Diseases	Product Rate		
		Fl. oz./100 lbs. of seed	Oz. ai/100 lbs. of seed	Lb. ai/100 lbs. of seed
Rice[*]	<i>Pythium</i> seed rot and damping-off when applied in combination with a labeled rate of thiram [(e.g., Signet 480 FS)]	0.03 - 0.06	0.02 - 0.03	0.001 – 0.002

[*Not Registered for Use by California]

OILSEED GROUP – CROP GROUP 20

Crop	Target Diseases	Product Rate			
		Fl. oz./100 lbs. of seed	Oz. ai/100 lbs. of seed	Lb. ai/100 lbs. of seed	Mg ai/seed ¹
Cotton	<i>Pythium</i> seed rot and damping-off	0.23 - 0.83	0.12 – 0.43	0.007 – 0.027	0.008 - 0.015

¹Based on an average seed weight of 4,500 cotton seeds/lb.

CUCURBIT VEGETABLES - CROP GROUP 9

Chayote (fruit), Chinese waxgourd, citron melon, cucumber, gherkin, edible gourd (Hyotan, cucuzza, Chinese okra, and hechima), *Momordica* spp. (balsam apple, balsam pear, bitter melon, Chinese cucumber), muskmelon (true cantaloupe, 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 (crookneck squash, scallop squash, straightneck squash, vegetable marrow, zucchini), winter squash (butternut squash, calabaza, hubbard squash), *Cucurbita mixta*; *Cucurbita pepo* (acorn squash, spaghetti squash), watermelon (hybrids and/or varieties of *Citrullus lanatus*.)

Target Diseases	Product Rate		
	Fl. oz./100 lbs. of seed	Oz. ai/100 lbs. of seed	Lb. ai/100 lbs. of seed
<i>Pythium</i> damping-off	0.06 - 0.47	0.03 – 0.24	0.002 - 0.015
Remarks: <ul style="list-style-type: none"> For seeds sown for transplant production: Use A288.507 with labeled rate of azoxystrobin [(e.g., Saxony® 100 FS)] 			
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 A288.507. 			

FRUITING VEGETABLES AND OKRA - CROP GROUP 8

Eggplant, groundcherry, pepino, pepper (bell pepper, chili pepper, cooking pepper, okra, pimento, sweet pepper), tomatillo, and tomato

Target Diseases	Product Rate		
	Fl. oz./100 lbs. of seed	Oz. ai/100 lbs. of seed	Lb. ai/100 lbs. of seed
<i>Pythium</i> damping-off	0.06 - 0.47	0.03 – 0.24	0.002 - 0.015
Remarks: <ul style="list-style-type: none"> For seeds sown for transplant production: Use A288.507 with labeled rate of azoxystrobin [(e.g., Saxony® 100 FS)] 			
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 A288.507. 			

GLOBE ARTICHOKE

Target Diseases	Product Rate		
	Fl. oz./100 lb. of seed	Oz. ai/100 lbs. of seed	Lb. ai/100 lbs. of seed
<i>Pythium</i> spp. damping-off and early season <i>Phytophthora</i> spp. root rot control	0.23 - 1.46	0.12 – 0.75	0.007 – 0.047

GRASSES FORAGE, FODDER, AND HAY - CROP GROUP 17

All grasses (bermudagrass, fescue, brome grass), *Graminae* family (either green or cured, except sugarcane) and those in the cereal grains group that will be fed to or grazed by livestock, all pasture and range grasses, and grasses grown for silage or for hay

Target Diseases	Product Rate		
	Fl. oz./100 lb. of seed	Oz. ai/100 lbs. of seed	Lb. ai/100 lbs. of seed
<i>Pythium</i> damping-off	0.06 - 0.47	0.03 – 0.24	0.002 - 0.015

LEAFY VEGETABLES - CROP GROUP 4

Amaranth (leafy, Chinese spinach, tampala), arugula, cardoon, celery (including Chinese), celtuce, chervil, chrysanthemum (edible-leaved and garland), corn salad, cress (garden and upland), dandelion, dock, endive, fennel (finocchio), lettuce (head and leaf), orach, parsley, purslane (garden and winter), radicchio, rhubarb, spinach (including New Zealand and vine), and Swiss chard

Target Diseases	Product Rate		
	Fl. oz./100 lb. of seed	Oz. ai/100 lbs. of seed	Lb. ai/100 lbs. of seed
<i>Pythium</i> damping-off	0.06 - 0.47	0.03 – 0.24	0.002 - 0.015
Restrictions: <ul style="list-style-type: none"> DO NOT apply A288.507 to spinach that is to be grown in the greenhouse or enclosed, environmentally controlled rooms. Containers or bags of spinach treated with A288.507 must be labeled as follows: “DO NOT use seed for spinach to be grown in the greenhouse or inside environmentally controlled rooms.” 			

LEGUME VEGETABLES - CROP GROUP 6

Crops	Target Diseases	Product Rate		
		Fl. oz./100 lbs. of seed	Oz. ai/100 lbs. of seed	Lb. ai/100 lbs. of seed
Black-eyed peas, cowpeas, edible soybeans (immature seed) (edamame), field beans, chick peas (garbanzo beans), field peas, garden peas, green beans, kidney beans, lima beans, navy beans, peas, pinto beans, <i>Phaseolus</i> spp. (pole beans, string beans) snap beans, , wax beans, lentils, and lupines	<i>Pythium</i> damping-off	0.12 - 0.47	0.06 – 0.24	0.004 - 0.015
	Early season <i>Phytophthora</i>	0.47	0.24	0.015

Crops	Target Diseases	Product Rate		
		Fl. oz./100 lbs. of seed	Oz. ai/100 lbs. of seed	Lb. ai/100 lbs. of seed
Field beans, kidney beans, navy beans, pinto beans, and lentils when disease pressure is expected to be low in combination with other seed treatment products labeled for these crops	<i>Pythium</i> damping-off	0.06 – 0.23	0.03 – 0.12	0.002 - 0.007

Crop	Target Diseases	Product Rate		
		Fl. oz./100 lbs. of seed	Oz. ai/100 lbs. of seed	Lb. ai/100 lbs. of seed
Peas	<i>Pythium</i> damping-off and systemic downy mildew	0.94	0.48	0.030

MILLET, PEARL; MILLET, PROSO

Target Diseases	Product Rate		
	Fl. oz./100 lb. of seed	Oz. ai/100 lbs. of seed	Lb. ai/100 lbs. of seed
<i>Pythium</i> damping-off	0.06 - 0.47	0.03 – 0.24	0.002 - 0.015
Systemic downy mildew	0.94	0.48	0.030

PEANUT

Target Diseases	Product Rate		
	Fl. oz./100 lb. of seed	Oz. ai/100 lbs. of seed	Lb. ai/100 lbs. of seed
<i>Pythium</i> seed rot and damping-off	0.12 - 0.47	0.06 – 0.24	0.002 - 0.015

RAPESEED – CROP SUBGROUP 20A

Borage, Carinata[*], Crambe, Cuphea, Echium, Flax seed, Gold of pleasure, Hare's ear mustard, Jojoba, Lesquerella, Lunaria, Meadowfoam, Milkweed, Mustard seed, Oil radish, Poppy seed, Rapeseed (canola), Sesame, Sweet rocket. Cultivars, varieties, and/or hybrids of these

Target Diseases	Product Rate		
	Fl. oz./100 lb. of seed	Oz. ai/100 lbs. of seed	Lb. ai/100 lbs. of seed
<i>Pythium</i> damping-off	0.23	0.12	0.007
[*Not Registered for Use by California]			

ROOT AND TUBER VEGETABLES - CROP GROUP 1 (EXCEPT POTATO)

Arracacha, arrowroot, artichoke (Chinese and Jerusalem), beet (garden and sugar), burdock (edible), canna (edible), carrot, cassava (bitter and sweet), celery root, chayote, chervil, chicory, chufa, dasheen, ginger, ginseng, horseradish, leren, parsley (turniprooted), parsnip, radish (oriental daikon), rutabaga, salsify (black and Spanish), skirret, sweet potato, tanier, turmeric, turnip, yam bean (jicama, manioc pea), yam

Target Diseases	Product Rate		
	Fl. oz./100 lb. of seed	Oz. ai/100 lbs. of seed	Lb. ai/100 lbs. of seed
<i>Pythium</i> damping-off	0.06 - 0.47	0.03 – 0.24	0.002 - 0.015
Restriction: <ul style="list-style-type: none"> DO NOT apply A288.507 to potatoes. 			

SOYBEAN

Target Diseases	Product Rate			
	Fl. oz./100 lbs. of seed	Oz. ai/100 lbs. of seed	Lb. ai/100 lbs. of seed	mg ai/seed ¹
<i>Pythium</i> damping-off and early season <i>Phytophthora</i> protection	0.12 - 0.47	0.06 – 0.24	0.002 - 0.015	0.006 - 0.024
Remarks: <ul style="list-style-type: none"> For best early season <i>Phytophthora</i> protection, use the higher specified rate. ¹ Based on an average seed weight of 2,800 soybean seeds/lb.				

SUNFLOWER

Target Diseases	Product Rate			
	Fl. oz./100 lb. of seed	Oz. ai/100 lbs. of seed	Lb. ai/100 lbs. of seed	mg ai/seed ¹
Systemic downy mildew	0.94	0.48	0.030	0.029
¹ Based on an average seed weight of 4,500 sunflower seeds/lb.				

TURFGRASSES (ALL)

Target Diseases	Product Rate		
	Fl. oz./100 lb. of seed	Oz. ai/100 lbs. of seed	Lb. ai/100 lbs. of seed
<i>Pythium</i> damping-off	0.47 - 0.94	0.24 – 0.48	0.015 - 0.030
Remarks: <ul style="list-style-type: none"> For use on golf courses, home lawns, reclamation and erosion control projects. 			

[PRODUCTS REFERENCED IN THE LABEL]

{Note to Reviewer: The below table will only be included on the final printed labeling if the specific product names are used in the label}

Information about the fungicidal products referenced in the label.

PRODUCT NAME	EPA REG. NO.	ACTIVE INGREDIENT
Salient 372 FS	55146-148	Difenoconazole
Saxony 100 FS	55146-147	Azoxystrobin
Signet® 480 FS	55146-102	Thiram
Spirato® 480 FS	55146-116	Fludioxonil

SEED CONTAINER LABELING REQUIREMENTS – EXPORT USE

THE FEDERAL SEED ACT REQUIRES THAT CONTAINERS OF SEEDS TREATED WITH A288.507 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 A288.507:

- 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.

SEED TREATMENT DIRECTIONS – EXPORT USE

BRASSICA (COLE) LEAFY VEGETABLES	
Target Diseases	Product Rate (fl. oz./100 lb. of seed)
<i>Pythium</i> damping-off	0.23 - 0.47 (0.12 – 0.24 oz. ai)

CEREAL GRAINS		
Crops	Target Diseases	Product Rate (fl. oz./100 lb. of seed)
Corn	<i>Pythium</i> damping-off	0.23 - 0.47 (0.12 – 0.24 oz. ai)
	Systemic downy mildew	1.61 (0.83 oz. ai)
Millet, pearl Millet, proso	<i>Pythium</i> damping-off	0.23 - 0.47 (0.12 - 0.24 oz. ai)
	Systemic downy mildew	1.76 (0.90 oz. ai)
Sorghum	<i>Pythium</i> damping-off	0.23 – 0.48 (0.12 – 0.24 oz. ai) (0.0023 - 0.0047 mg ai/seed ¹)
	Systemic downy mildew	1.61 (0.83 oz. ai) (0.0161 mg ai/seed ¹)

¹Based on an average seed weight of 14,500 sorghum seeds/lb.

CUCURBITS	
Target Diseases	Product Rate (fl. oz./100 lb. of seed)
<i>Pythium</i> damping-off	0.23 - 0.47 (0.12 – 0.24 oz. ai)

FRUITING VEGETABLES (e.g., tomatoes, peppers, eggplant)	
Target Diseases	Product Rate (fl. oz./100 lb. of seed)
<i>Pythium</i> damping-off	0.23 - 0.47 (0.12 – 0.24 oz. ai)

LEAFY VEGETABLES	
Target Diseases	Product Rate (fl. oz./100 lb. of seed)
<i>Pythium</i> damping-off	0.23 - 0.47 (0.12 – 0.24 oz. ai)

ONION, BULB		
Crops	Target Diseases	Product Rate (fl. oz./100 lb. of seed)
Onions	<i>Pythium</i> damping-off	0.23 - 0.47 (0.12 - 0.24 oz. ai)

PEAS	
Target Diseases	Product Rate (fl. oz./100 lb. of seed)
<i>Pythium</i> damping-off and early season <i>Phytophthora</i>	0.47 – 0.94 (0.24 – 0.48 oz. ai)
Downy mildew	0.94 (0.48 oz. ai)

CARROT	
Target Diseases	Product Rate (fl. oz./100 lb. of seed)
<i>Pythium</i> damping-off	0.23 - 0.47 (0.12 - 0.24 oz. ai)

ROOT AND TUBER VEGETABLES	
Target Diseases	Product Rate (fl. oz./100 lb. of seed)
<i>Pythium</i> damping-off	0.23 - 0.47 (0.12 - 0.24 oz. ai)
Restriction: <ul style="list-style-type: none"> DO NOT apply A288.507 to potatoes. 	

SUNFLOWER	
Target Diseases	Product Rate (fl. oz./100 lb. of seed)
Systemic downy mildew	2.74 - 3.26 (1.41 – 1.67 oz. ai) (0.085 - 0.101 mg ai/seed ¹)
¹ Based on an average seed weight of 4,500 sunflower seeds/lb.	

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in a tightly closed container in a cool, dry place. Store in original container and out of reach of children, preferably in a locked storage area. **DO NOT** store in direct sunlight. Protect from freezing temperatures.

PESTICIDE DISPOSAL: Pesticide spray mixture or rinsate that cannot be used must be disposed of in a landfill approved for pesticides. Improper disposal of excess pesticide spray mixture or rinsate is a violation of Federal law. If these wastes cannot be disposed of by the use 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:

[For plastic containers ≤ 5 gallons: 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 and drain for 10 seconds after the flow begins to drip. Fill the container ¼ 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 other procedures allowed by state and local authorities.]

[For plastic containers > 5 gallons: 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 ¼ full with water. Recap 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 other procedures allowed by state and local authorities.]

[Refillable containers larger 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.leaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or a mix tank. Fill the container about 10% full with water. Agitate vigorously or recirculate water with the pump for two minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. For final disposal, offer for recycling if available. If recycling or reconditioning is not available, puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities.]

LIMITATION OF WARRANTY AND LIABILITY

IMPORTANT: READ BEFORE USE. Read the entire Directions for Use, Conditions of Warranties and Limitations of Liability before using this product. If these terms and conditions are not acceptable, return the unopened product container at once. By using this product, user or buyer accepts the following Disclaimer of Warranties and Limitations of Liability. **CONDITIONS:** The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Ineffectiveness, injury, and other unintended consequences may result because of such factors as manner of use or application (including misuse), the presence of other materials, weather conditions, and other unknown factors, all of which are beyond the control of ATTICUS, LLC. To the extent consistent with applicable law, all such risks shall be assumed by the user or buyer.

[A288.507 is a trademark of Atticus, LLC.]

[Signet® and Spirato® are trademarks of Nufarm Americas Inc.]

[Viton® is a registered trademark of the Chemours Company FC, LLC.]

DISCLAIMER OF WARRANTIES: To the extent consistent with applicable law, ATTICUS, LLC makes no other warranties, express or implied, of merchantability or of fitness for a particular purpose or otherwise, that extend beyond statements on this label. **LIMITATIONS OF LIABILITY:** To the extent consistent with applicable law, neither ATTICUS, LLC the manufacturer, nor the Seller shall be liable for any indirect, special, incidental or consequential damages resulting from the use, handling, application, storage, or disposal of this product. To the extent consistent with applicable law, the exclusive remedy of the user or buyer for any and all losses, injuries or damages resulting from the use, handling, application, or storage of this product, whether in contract, warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price paid.

{LANGUAGE ON LABEL AFFIXED TO CONTAINER}

MEFENOXAM GROUP 4 FUNGICIDE

A288.507[™]

[Alternate Brand Name: Portexa]

[FUNGICIDE]

ACTIVE INGREDIENT: (% by weight)
Mefenoxam: D-Alanine, N-(2,6-dimethylphenyl)-N-(methoxyacetyl)-, methyl ester.....45.3%
OTHER INGREDIENTS:.....54.7%
TOTAL.....100.0%
Contains 4.1 pounds of Mefenoxam per gallon [(491 grams per liter)]

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.)

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 the 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.
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact SafetyCall at 1-844-685-9173 for emergency medical treatment information.	

For Chemical Emergency:

Spill, Leak, Fire, Exposure, or Accident, Call CHEMTREC Day or Night
Within USA and Canada: 1-800-424-9300 or +1 703-527-3887 (collect calls accepted)

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
WARNING/AVISO

Causes substantial but temporary eye injury. Harmful if swallowed. DO NOT get in eyes or on clothing. 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.

ENVIRONMENTAL HAZARDS: DO NOT contaminate water when disposing of equipment washwater or rinsate.

Groundwater Advisory: Mefenoxam is known to leach through soil into groundwater under certain conditions as a result of agricultural use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

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. A level, well-

maintained vegetative buffer strip between areas to which this product is applied and surface water features including ponds, streams, and springs will reduce the potential loading of mefenoxam from runoff water and sediment. Runoff of this product will be reduced by avoiding applications when rainfall or irrigation is expected to occur within 48 hours.

PHYSICAL OR CHEMICAL HAZARDS: DO NOT mix or allow coming in contact with oxidizing agents. Hazardous chemical reaction may occur.

STORAGE AND DISPOSAL

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See inside label booklet for additional Precautionary Statements and Directions for Use.

Manufactured for:
Atticus, LLC
940 NW Cary Parkway, Suite 200
Cary, NC 27513

EPA Reg. No.: 91234-XX
EPA Est. No.:
NET CONTENTS:

