

MODETRA™

4 FS

Contains Fludioxonil, the active ingredient used in Maxim 4FS®



**SEED
TREATMENT**

A Seed Treatment Product for Protection Against Damage from Certain Seed and Seedling Diseases of Listed Crops

ACTIVE INGREDIENT:	(% by weight)
Fludioxonil*	40.3%
OTHER INGREDIENTS:	59.7%
TOTAL	100.0%

*CAS No. 131341-86-1

Modetra™ 4 FS is a flowable concentrate for seed treatment containing 4 lbs. fludioxonil per gallon.

EPA Reg. No.: 91234-443

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.)

See below for additional Precautionary Statements and Directions for Use.

FIRST AID	
If inhaled:	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.
If 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 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)

Modetra™ 4 FS is not manufactured, or distributed by Syngenta Crop Protection, LLC, seller of Maxim 4FS®.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if inhaled. Causes moderate eye irritation. Harmful if absorbed through the skin. Avoid contact with skin, eyes, or clothing. Avoid breathing vapor or spray mist. 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 and wash before reuse.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves: barrier laminate, butyl rubber \geq 14 mils, nitrile rubber \geq 14 mils, neoprene rubber \geq 14 mils, polyvinyl chloride (PVC) \geq 14 mils, or Viton® \geq 14 mils.
- Shoes plus socks

Follow the 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. Discard clothing or other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

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

This product is toxic to fish and aquatic invertebrates. **DO NOT** contaminate water when disposing of equipment washwater or rinsate.

GROUNDWATER ADVISORY

Fludioxonil has properties and characteristics associated with chemicals detected in groundwater. This chemical may leach into groundwater if used in areas where soils are permeable, particularly where the water table is shallow.

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.

Modetra 4 FS must be used only in accordance with directions on this label or in separately published Atticus, LLC supplemental labeling approved by EPA 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.

FAILURE TO FOLLOW THE DIRECTIONS FOR USE, RESTRICTIONS, AND PRECAUTIONS ON THIS LABEL MAY RESULT IN CROP INJURY, POOR DISEASE CONTROL, AND/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 12 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: barrier laminate, butyl rubber \geq 14 mils, nitrile rubber \geq 14 mils, neoprene rubber \geq 14 mils, polyvinyl chloride (PVC) \geq 14 mils, or Viton \geq 14 mils
- Shoes plus socks

Treatment of highly mechanically scarred or damaged seed, or seed known to be of low vigor and poor quality, except for the purpose of curative control of existing disease pests, 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 Atticus, LLC, no claims are made to guarantee the germination of carry-over seed or propagating material for all crop seed when treated with **Modetra 4 FS**.

PRODUCT INFORMATION

Modetra 4 FS is a seed treatment fungicide which provides protection against damage from certain soil-borne and seed-borne diseases of listed crops. **Modetra 4 FS** is active against *Fusarium*, *Rhizoctonia*, *Helminthosporium*, and weakly pathogenic fungi including *Aspergillus* and *Penicillium* species. **Modetra 4 FS** provides protection from seed-borne Diaporthe-Phomopsis disease complex sometimes referred to as pod and stem blight (*Phomopsis* spp. & *Diaporthe* spp.). **Modetra 4 FS** also provides protection against damage from pink snow mold (*Microdochium nivale* or *Monographella nivalis*).

When rate ranges are given, use the higher specified rate when disease pressure is expected to be severe.

RESISTANCE MANAGEMENT

For resistance management, **Modetra 4 FS** contains a Group 12/fludioxonil fungicide. Any fungal population may contain individuals naturally resistant to **Modetra 4 FS** and other Group 12 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.

Fludioxonil belongs to the phenylpyrrole class of chemistry which interferes with osmotic signal transduction.

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

- Rotate the use of **Modetra 4 FS** or other Group 12 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/bacterial populations for resistance development.
- Contact your local extension specialist or certified crop advisor for any additional pesticide resistance-management and/or IPM directions for specific crops and pathogens.
- For further information or to report suspected resistance contact Atticus, LLC at 984-465-4800. You can also contact your pesticide distributor or university extension specialist to report resistance.

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

APPLICATION DIRECTIONS

Important: Recirculate **Modetra 4 FS** thoroughly before using.

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

Apply **Modetra 4 FS** as a water-based slurry through standard liquid-type seed treatment equipment that provides uniform seed coverage. Seed treaters with atomizers or spinning discs are highly advised for better product coverage on the seed. The total application volume must be sufficient to provide the desired level of coverage. Dilution is typically done with water or liquid inoculants. Thoroughly mix the specified amount of **Modetra 4 FS** into the required amount of water or liquid inoculant for the slurry treater and dilution rate to be used. Uneven or incomplete seed coverage may not give the desired level of disease control.

Certain crops require addition of inoculants when the seed is treated or planted. **Modetra 4 FS** is compatible with several liquid inoculant products. Consult the maker of the inoculant product and an Atticus, LLC representative for directions before applying **Modetra 4 FS** with inoculants.

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.

- 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.

TANK MIXTURES

Modetra 4 FS 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 Modetra 4 FS with tank-mix partners:

Add ½ 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 **Modetra 4 FS** 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.



Modetra 4 FS does not control diseases caused by *Pythium* spp. or *Phytophthora* spp. If these diseases are expected to be a problem, apply **Modetra 4 FS** tank-mixed with mefenoxam. If the tank mix partner product containing mefenoxam is not registered on that crop, apply **Modetra 4 FS** as a tank-mix with another labeled seed treatment product that has activity against these diseases. Consult the label for appropriate use rate and follow all use instructions for the products.

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.

ROTATIONAL CROP RESTRICTIONS

There are no rotational plant-back restrictions with **Modetra 4 FS**. Treated areas may be replanted with any crop as soon as practical following the last application.

SEED CONTAINER LABEL REQUIREMENTS – DOMESTIC USE

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

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

THE US ENVIRONMENTAL PROTECTION AGENCY REQUIRES THE FOLLOWING STATEMENTS ON CONTAINERS OF SEEDS TREATED WITH MODETRA 4 FS:

- Store treated seed away from feeds and foodstuffs.
- Wear long-sleeved shirt, long pants, and chemical-resistant gloves when handling treated seed.
- **DO NOT** allow children, pets or livestock to have access to treated seeds.
- Treated seeds exposed on soil surface may be hazardous to wildlife. Cover or collect treated seeds spilled during loading and planting (including in row ends).
- 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.
- 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.
- **DO NOT** allow animals to graze the following crops grown from seeds treated with fludioxonil until 30 days after planting
 - o Forage, Fodder, and Straw of Cereal Grains Group 16
 - o Grass Forage, Fodder, and Hay Crop Group 17
 - o Nongrass Animal Feeds (Forage, Fodder, Straw, and Hay) Crop Group 18
- **Groundwater Advisory:** Fludioxonil has properties and characteristics associated with chemicals detected in groundwater. This chemical may leach into groundwater if used in areas where soils are permeable, particularly where the water table is shallow.

SEED CONTAINER LABEL REQUIREMENTS – EXPORT USE

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

- This seed has been treated with fludioxonil 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 Modetra 4 FS:

- **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

BRASSICA HEAD AND STEM VEGETABLE CROP GROUP 5-16		
Broccoli	Cabbage, Chinese (napa)	
Brussels sprouts	Cauliflower	
Cabbage	Cultivars, varieties, and hybrids of these	
TARGET DISEASE	USE RATE	
	Fl. Oz. /100 lbs. of Seed	Mg ai/Seed
For protection against seed-borne and soil-borne fungi which cause Seed Decay, Damping-off, and Seedling Blight	0.08 – 0.16	0.0001 – 0.0002

CEREAL GRAINS CROP GROUP 15, EXCEPT CORN (SEE CORN ENTRY)

Barley	Millet, proso	Rye	Triticale
Buckwheat	Oats	Sorghum (milo)	Wheat
Millet, pearl	Rice	Teosinte	Wild Rice
TARGET DISEASE	CROPS	USE RATE	
		Fl. Oz./100 lbs. of Seed	Mg ai/Seed
For protection against seed-borne and soil-borne fungi which cause Seed Decay, Damping-off, and Seedling Blights Pink Snow Mold (<i>Microdochium nivale</i> or <i>Monographella nivalis</i>)	See Above List	0.08 – 0.16	0.008 – 0.0015
	Rice	0.02 – 0.08	0.00014 – 0.00054
	Sorghum	0.08 – 0.16	0.0008 – 0.0016 ¹
USE DIRECTIONS: <ul style="list-style-type: none"> • For Grain Sorghum: Apply mefenoxam-containing products in combination with Modetra 4 FS for protection against damping-off due to <i>Pythium</i> spp. for all cereal grains and downy mildew for Sorghum. 			
USE RESTRICTIONS: <ul style="list-style-type: none"> • Pre-Grazing Interval (PGI): 30 days 			

¹Based on 14,500 seeds/lb.

CORN

Field Corn	Popcorn	Sweet Corn		
TARGET DISEASE	CROPS	USE RATE		
		Fl. Oz./100 lbs. of Seed	Fl. oz./80,000 Seed count	Mg ai/Seed
For protection against seed-borne and soilborne fungi which cause Seed Decay, Damping-off, and Seedling Blights	Field Corn and Popcorn	0.08	0.036	0.0064
Seed-borne Head Smut (<i>Sphacelotheca reiliana</i>) Seedling Blights		0.16	0.072	0.0128
For protection against seed-borne and soilborne fungi which cause Seed Decay, Damping-off, and Seedling Blights	Sweet Corn	0.08	-	0.004
REMARKS:				
<ul style="list-style-type: none">• Field Corn and Popcorn: For <i>Pythium</i> spp. control, use Modetra 4 FS in combination with mefenoxam-containing products and azoxystrobin-containing products.• Sweet Corn: Apply mefenoxam-containing seed treatment products in combination with Modetra 4 FS for protection against damping-off due to <i>Pythium</i> spp. and for systemic downy mildew.				
USE RESTRICTIONS:				
<ul style="list-style-type: none">• Pre-Grazing Interval (PGI): 30 days				

COTTONSEED CROP SUBGROUP 20C

Cottonseed		
Cultivars, varieties, and/or hybrids of these		
TARGET DISEASE	USE RATE	
	Fl. Oz./100 lbs. of Seed	Mg ai/Seed
For protection against seed-borne and soil-borne fungi which cause Seed Decay Damping-off Seedling Blight	0.08 – 0.19	0.0025 – 0.005

CUCURBIT VEGETABLES CROP GROUP 9

Chayote (fruit)	Muskmelon (hybrids and/or cultivars of <i>Cucumis melo</i>)	Squash, summer (<i>Cucurbita pepo</i> var. <i>meloepo</i>)
Chinese waxgourd (Chinese preserving melon)	Cantaloupe	Crookneck squash
Citron melon	Casaba	Scallop squash
Cucumber	Crenshaw melon	Straightneck squash
Gherkin	Golden pershaw melon	Vegetable marrow
Gourd, edible (<i>Lagenaria</i> spp.)	Honeydew melon	Zucchini
Hyotan	Honey balls	Squash, winter (<i>Cucurbita maxima</i> , <i>C. moschata</i>)
Cucuzza	Mango melon	Butternut squash
Gourd, edible (<i>Luffa acutangula</i> , <i>L. cylindrical</i>)	Persian melon	Calabaza
Hechima	Pineapple melon	Hubbard squash
Chinese okra	Santa Claus melon	Squash, winter (<i>Cucurbita mixta</i> , <i>C. pepo</i>):
Momordica spp.	Snake melon	Acorn squash
Balsam apple	True cantaloupe	Spaghetti squash
Balsam pear	Pumpkin	Watermelon (hybrids and/or varieties of <i>Citrullus lanatus</i>)
Bittermelon		
Chinese cucumber		

TARGET DISEASE	USE RATE	
	Fl. Oz./100 lbs. of Seed	Mg ai/Seed
For protection against seed-borne and soil-borne fungi which cause Seed Decay, Damping-off, and Seedling Blight	0.08 – 0.16	0.001 – 0.002

FRUITING VEGETABLES CROP GROUP 8-10

African eggplant	Martynia	Roselle
Bush tomato	Naranjilla	Scarlet eggplant
Cocona	Okra	Sunberry
Currant tomato	Pea eggplant	Tomatillo
Eggplant	Pepino	Tomato
Garden huckleberry	Pepper, bell	Tree Tomato
Goji berry	Pepper, non-bell	Cultivars, varieties and/or hybrids of these
Groundcherry		

TARGET DISEASE	USE RATE	
	Fl. Oz./100 lbs. of Seed	Mg ai/Seed
For protection against seed-borne and soil-borne fungi which cause Seed Decay, Damping-off, and Seedling Blight	0.08 – 0.16	0.00008 – 0.00015

GRASS FORAGE, FODDER, AND HAY CROP GROUP 17

Graminae Family (except Sugarcane and those included in Cereal Grains Crop Group 15)

Green
Cured
Grasses Grown for Hay or Silage
All Pasture and Range Grasses

TARGET DISEASE	USE RATE	
	Fl. Oz./100 lbs. of Seed	Mg ai/Seed
For protection against seed-borne and soil-borne fungi which cause Seed Decay, Damping-off, and Seedling Blight	0.08 – 0.16	0.000054 – 0.000108

RESTRICTIONS:

- Pre-Grazing Interval (PGI):** 30 days

HERB CROP SUBGROUP 19A AND SPICE CROP SUBGROUP 19B

Allspice	Chive	Horehound	Pepper, Black
Angelica	Chive, Chinese	Hyssop	Pepper, White
Anise (anise seed)	Cinnamon	Juniper berry	Poppy Seed
Anise, star	Clary	Lavender	Rosemary
Annatto (seed)	Clove buds	Lemongrass	Rue
Balm (lemon balm)	Coriander	Lovage (leaf)	Saffron
Basil	(cilantro or Chinese parsley) (leaf)	Lovage (seed)	Sage
Borage	Coriander (cilantro) (seed)	Mace	Savory, Summer and Winter
Burnet	Costmary	Marigold	Sweet Bay (bay leaf)
Camomile	Culantro (leaf)	Marjoram (includes sweet or	Tansy
Caper (buds)	Culantro (seed)	annual marjoram, wild marjoram or	Tarragon
Caraway	Cumin	oregano and pot marjoram)	Thyme
Caraway, Black	Curry (leaf)	Mustard (seed)	Vanilla
Cardamon	Dill (dillweed)	Nasturtium	Wintergreen
Cassia bark	Dill (seed)	Nutmeg	Woodruff
Cassia buds	Fennel, Common	Parsley (dried)	Wormwood
Catnip	Fennel, Florence (seed)	Pennyroyal	
Celery Seed	Fenugreek		
Chervil (dried)	Grains of Paradise		

TARGET DISEASE	USE RATE	
	Fl. Oz./100 lbs. of Seed	g ai/100 kg Seed
For protection against seed-borne and soil-borne fungi which cause Seed Decay, Damping-off, and Seedling Blight	0.08 – 0.16	2.5 - 5

LEAF PETIOLE VEGETABLE CROP SUBGROUP 22B, CELTUCE, FLORENCE, FENNEL, AND KOHLRABI

Cardoon	Fennel, Florence (finocchio)
Celery	Kohlrabi
Celery, Chinese	Rhubarb
Celtuce	Cultivars, varieties, and hybrids of these

TARGET DISEASE	USE RATE	
	Fl. Oz./100 lbs. of Seed	g ai/100 kg Seed
For protection against seed-borne and soil-borne fungi which cause Seed Decay, Damping-off, and Seedling Blight	0.08 – 0.16	2.5 - 5

LEAFY GREENS CROP SUBGROUP 4-16A AND BRASSICA LEAFY GREENS CROP SUBGROUP 4-16B

Amaranth, Chinese	Collards	Lettuce, Leaf	Rocket, wild
Amaranth, Leafy	Corn Salad	Maca, leaves	Shepherd's Purse
Arugula (Roquette)	Cress, garden	Mizuna	Spinach
Broccoli, Chinese (gai lon)	Cress, upland (yellow rocket, winter cress)	Mustard greens	Spinach, Malabar
Broccoli Raab (rapini)	Dandelion, leaves	Orach	Spinach, New Zealand
Cabbage, Abyssinian	Dock (sorrel)	Parsley, fresh leaves	Spinach, Tanier
Cabbage, Chinese (bok choy)	Endive (escarole)	Purslane, Garden	Swiss chard
Cabbage, Seakale	Hanover Salad	Purslane, Winter	Turnip Greens
Chervil, fresh leaves	Kale	Radicchio (red chicory)	Cultivars, varieties, and hybrids of these
Chrysanthemum, garland	Lettuce, Head	Radish, leaves	
		Rape Greens	

TARGET DISEASE	USE RATE	
	Fl. Oz./100 lbs. of Seed	g ai/100 kg Seed
For protection against seed-borne and soil-borne fungi which cause Seed Decay, Damping-off, and Seedling Blight	0.08 – 0.16	2.5 - 5

LEAVES OF ROOT AND TUBER VEGETABLES (HUMAN FOOD OR ANIMAL FEED) CROP GROUP 2			
Beet, Garden	Celeriac (celery root)	Radish	Tanier (cocoyam)
Beet, Sugar	Chervil, Turnip-Rooted	Radish, Oriental (daikon)	Turnip
Burdock, edible	Chicory	Rutabaga	Yam, True
Carrot	Dasheen (taro)	Salsify, Black	
Cassava, Bitter and Sweet	Parsnip	Sweet Potato	
TARGET DISEASE	USE RATE		
	Fl. Oz./100 lbs. of Seed	Mg ai/Seed	
For protection against seed-borne and soil-borne fungi which cause Seed Decay, Damping-off, and Seedling Blight	0.08 – 0.16	0.000054 – 0.000108	

LEGUME VEGETABLES (SUCCULENT OR DRIED) CROP GROUP 6 AND FOLIAGE OF LEGUME VEGETABLES CROP GROUP 7, EXCEPT SOYBEAN, MATURE (SEE SOYBEAN ENTRY)			
Bean (<i>Lupinus</i> spp.) Grain Lupin, Sweet Lupin, White Lupin, White Sweet Lupin	Bean (<i>Vigna</i> spp.) Adzuki Bean, Asparagus Bean, Blackeyed Pea, Catjang, Chinese Longbean, Cowpea, Crowder Pea, Moth Bean, Mung Bean, Rice Bean, Southern Pea, Urd Bean, Yardlong Bean	Pea (<i>Pisum</i> spp.) Dwarf Pea, Edible-pod Pea, English Pea, Field Pea, Garden Pea, Green Pea, Snow Pea, Sugar Snap Pea	Broad Bean (fava bean) Chickpea (garbanzo bean) Guar Jackbean Lablab Bean (hyacinth bean) Lentil Pigeon Pea Soybean, (immature seed) (edamame) Sword Bean
Bean (<i>Phaseolus</i> spp.) Field Bean, Kidney Bean, Lima Bean, Navy Bean, Pinto Bean, Runner Bean, Snap Bean, Tepary Bean, Wax Bean			
TARGET DISEASE	USE RATE		
	Fl. Oz./100 lbs. of Seed	g ai/100 kg Seed	
For protection against seed-borne and soil-borne fungi which cause Seed Decay, Damping-off, and Seedling Blight Diaporthe-Phomopsis disease complex, sometimes referred to as pod and stem blight (<i>Phomopsis</i> spp. & <i>Diaporthe</i> spp.)	0.08 – 0.16	2.5 - 5	

NONGRASS ANIMAL FEEDS (FORAGE, FODDER, STRAW, AND HAY) CROP GROUP 18			
Alfalfa	Kudzu	Sainfoin	Vetch, crown
Bean, velvet	Lespedeza	Trefoil	Vetch, milk
Clover	Lupin	Vetch	
TARGET DISEASE	USE RATE		
	Fl. Oz./100 lbs. of Seed	Mg ai/Seed	
For protection against seed-borne and soil-borne fungi which cause Seed Decay, Damping-off, and Seedling Blight	0.08 – 0.16	0.000054 – 0.000108	
USE RESTRICTIONS:			
• Pre-Grazing Interval (PGI): 30 days			

ONION, BULB, CROP SUBGROUP 3-07A AND ONION, GREEN, CROP SUBGROUP 3-07B		
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 lbs. of Seed	g ai/100 Kg Seed
For protection against seed-borne and soil-borne fungi which cause Seed Decay, Damping-off, and Seedling Blight	0.08 – 0.16	2.5 - 5

PEANUT		
Peanut		
TARGET DISEASE	USE RATE	
	Fl. Oz./100 lbs. of Seed	Mg ai/Seed
For protection against seed-borne and soilborne fungi which cause Seed Decay, Damping-off, and Seedling Blight	0.08 – 0.16	0.013 – 0.027

POTATO		
Potato		
TARGET DISEASE	USE RATE	
	Fl. Oz./100 lbs. of Seed	g ai/100 kg Seed
For protection against seed-borne and soil-borne fungi which cause Seed Decay, Damping-off, and Seedling Blight	0.08	2.5

USE DIRECTIONS:

- **Modetra 4 FS** applications to potato seed pieces must be made only through specific types of equipment. Please contact your Atticus, LLC seed treatment representative to obtain information on proper equipment for application.
- **Potatoes Intended for Seed Production:** As a resistance management strategy, if **Modetra 4 FS** is used on potatoes intended for seed production, apply a labeled rate of mancozeb seed treatment dust to seed tubers after the **Modetra 4 FS** treatment. If the mancozeb dust is not used, then apply in-furrow azoxystrobin-containing products over the seed tubers treated with **Modetra 4 FS**.

RAPESEED CROP SUBGROUP 20A		
Borage	Hare's ear mustard	Oil radish
Crambe	Lesquerella	Poppy seed
Cuphea	Lunaria	Rapeseed (canola)
Echium	Meadowfoam	Sesame
Flax seed	Milkweed	Sweet rocket
Gold of Pleasure	Mustard Seed	Cultivars, varieties, and/or hybrids of these
TARGET DISEASE	USE RATE	
	Fl. Oz./100 lbs. of Seed	Mg ai/seed
For protection against seed-borne and soil-borne fungi which cause Seed Decay, Damping-off, and Seedling Blight	0.08 - 0.16	0.0001 – 0.00023

ROOT VEGETABLES (EXCEPT SUGARBEET) CROP SUBGROUP 1B, SUGARBEET, AND TUBEROUS AND CORM VEGETABLES CROP SUBGROUP 1C, EXCEPT POTATO (SEE POTATO ENTRY)			
Arracacha	Cassava, Bitter & Sweet	Leren	Sweet Potato
Arrowroot	Celeriac (celery root)	Parsley, turnip-rooted	Tanier (cocoyam)
Artichoke, Chinese	Chayote (root)	Parsnip	Turmeric
Artichoke, Jerusalem	Chervil, turnip-rooted	Radish	Turnip
Beet, garden	Chicory	Radish, oriental (daikon)	Yam Bean (jicama, manioc pea)
Beet, sugar	Chufa	Rutabaga	Yam, True
Burdock, Edible	Dasheen (Taro)	Salsify (oyster plant)	
Canna, Edible	Ginger	Salsify, black	
(Queensland arrowroot)	Ginseng	Salsify, Spanish	
Carrot	Horseradish	Skirret	
TARGET DISEASE	USE RATE		
	Fl. Oz./100 lbs. of Seed	Mg ai/seed	
For protection against seed-borne and soil-borne fungi which cause Seed Decay, Damping-off, and Seedling Blight	0.08 - 0.16	0.000038 - 0.000076	

SOYBEAN				
Soybean				
TARGET DISEASE	USE RATE			
	Fl. Oz./100 lbs. of Seed	Fl oz/1,000 seeds	Fl oz/140,000 seeds	Mg ai/seed**
For protection against seed-borne and soil-borne fungi which cause Seed Decay, Damping-off, and Seedling Blight	0.08	0.00027	0.0373	0.0038
Diaporthe-Phomopsis disease complex, sometimes referred to as pod and stem blight (<i>Phomopsis</i> spp. & <i>Diaporthe</i> spp.)	0.16	0.00053	0.0747	0.0076

**Based on an average seed weight of 3,000 soybeans/lb.

SUNFLOWER CROP SUBGROUP 20B	
Jojoba	Sunflower
Safflower	Cultivars, varieties, and/or hybrids of these
TARGET DISEASE	USE RATE
	Fl. Oz./100 lbs. of Seed
For protection against seed-borne and soil-borne fungi which cause Seed Decay, Damping-off, and Seedling Blight	0.08 - 0.16
	Sunflower 0.0025-0.005 mg ai/seed

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.

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.

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.

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.

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