

# STartUP<sup>TM</sup> METXL

## Seed Treatment



**A seed treatment chemical for control of seed rot and damping-off diseases of certain crops.**

**ACTIVE INGREDIENT:**

Metalaxyl: N-(2,6-dimethylphenyl)-N-(methoxyacetyl)alaninemethylester . . . . . 28.98%

**OTHER INGREDIENTS:** . . . . . 71.02%

**TOTAL:** . . . . . 100.00%

Contains 2.65 pound Metalaxyl per gallon

EPA Reg. No. 70506-325

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

**FIRST AID**

<b>IF ON SKIN:</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>IF SWALLOWED:</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told by a poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>IF IN EYES:</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>

In Case of Emergency Call Rocky Mountain Poison Control at 1-866-673-6671. Have a product container or label with you when calling a poison control center or doctor, or going for treatment.

**FOR CHEMICAL EMERGENCY: Spill, leak, fire, exposure, or accident, call CHEMTREC 1-800-424-9300.**

## PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

### CAUTION

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

#### PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are listed below.

##### Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Socks and shoes
- Chemical-resistant gloves (natural rubber)

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.

#### USER SAFETY RECOMMENDATIONS

##### Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- 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

For terrestrial uses, do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not apply when weather conditions favor drift from treated areas. Do not contaminate water when disposing of equipment washwater or rinsate.

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

#### PHYSICAL AND CHEMICAL HAZARDS

Do not mix or allow coming into contact with water. 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.**

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 interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry level interval (REI) of 24 hours.

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#### AGRICULTURAL USE REQUIREMENTS (continued)

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, such as plants, soil, or water, is: coveralls, sock and chemical-resistant footwear, chemical-resistant gloves, such as barrier laminate or nitrile rubber or neoprene rubber or Viton and protective eyewear.

#### PRODUCT USE INFORMATION

STartUP METXL is a systemic fungicide seed dressing specifically for control of systemic downy mildews, *Pythium*, and *Phytophthora* spp.

For control of other soilborne diseases, only use with EPA registered products which are approved for use and are compatible with this product. Do not use with other seed treatment products unless previous experience assures compatibility.

Follow the most restrictive labeling of any tank mix partner. Do not tank mix with any product, which contains a prohibition on tank mixing. STartUP METXL may be applied as water based slurry with other registered seed treatment insecticides and fungicides through standard slurry or mist-type commercial seed treatment equipment.

Excess treated seed may be used for ethanol production only if (1) by-products are not used or livestock feed and (2) no measureable residues of pesticide remain in ethanol-by-products that are used in agronomic practice.

STartUP METXL is a systemic fungicide having a specific mode of action.

STartUP METXL could be subject to development of resistant strains of fungi. Development of resistance cannot be predicted. Consult your State Agricultural Experiment Station or Extension Service Specialist for guidance and ways to control any possible STartUP METXL resistant strains on fungi which may occur. FAILURE TO FOLLOW DIRECTIONS ON THIS LABEL MAY RESULT IN CROP INJURY OR POOR DISEASE CONTROL.

#### SEED BAG LABEL REQUIREMENTS FOR TREATED SEED

The Federal Seed Act requires that containers of treated seeds shall be labeled with the following statements:

- This seed has been treated with STartUP METXL which contains the active ingredient Metalaxyl.
- Do not use for feed, food or oil purposes.
- Store away from food and feedstuffs.

The US Environmental Protection Agency requires the following statements on containers containing seed treated with metalaxyl:

- Wear long pants, long-sleeved shirt shoes, socks, and protective gloves opening bag or handling treated seed.
- Do not allow children, pets, or livestock to have access to treated seeds.
- Do not allow livestock to graze cotton plants grown from treated seed.
- Treated seeds exposed on soil surface may be hazardous to wildlife. Cover or collect treated seed spilled during loading and planting.
- Dispose of all excess treated seed by burying seed away from water bodies.
- Do not contaminate water bodies when disposing of planting equipment washwaters.
- Dispose of seed packaging or containers in accordance with local requirements.
- Do not use other metalaxyl or mefenoxam products for control of *Pythium* in water-seeded rice.
- Do not apply metalaxyl to spinach which is to be grown in greenhouses.
- 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 pesticide remain in the ethanol by-products that are used in agronomic practice.

#### RESTRICTIONS

- Under 40 CFR 153.155 (a), any pesticide intended for use in treating seeds must contain an EPA-approved dye. The purpose of such dye is to impart an unnatural color to the seed to signify that it has been so treated.
- In California: ONLY for use in commercial seed-treatment establishments. Not allowed for 'on farm' use.

## DIRECTIONS FOR USE

CROP	DISEASE CONTROLLED	APPLICATION INSTRUCTIONS
Brassica (Cole) Leafy Vegetables*: Broccoli (Chinese and raab), Brussels sprouts, cabbage (Chinese bok choy, Chinese napa and mustard), cauliflower, cavalo broccoli, collards, kale, kohlrabi, mizuna, mustard greens, mustard spinach, and rape greens	<i>Pythium</i> damping-off	Apply 0.75 fl oz per 100 lbs of seed.
Canola* Mustard Seed* Rapeseed*	<i>Pythium</i> damping-off	Apply 0.25 - 0.50 fl oz per 100 lbs of seed. Apply 0.0025 - 0.005 fl oz of product per 100,000 seeds to deliver 0.00023 - 0.00047 mg ai per seed. (Based on an average of 100,000 seeds per pound.)
Cotton	<i>Pythium</i> seed rot <i>Pythium</i> damping-off	Apply 0.75 - 1.5 fl oz per 100 lbs of seed. Apply 0.167 - 0.333 fl oz of product per 100,000 seeds to deliver 0.0156 - 0.0312 mg ai per seed. (Based on average of 4,500 seeds per pound.)
Cucurbit Vegetables: Chayote (fruit), Chinese waxgourd, citron melon, cucumber, gherkin, edible gourd (hyotan, cucuzza, Chinese okra and hechima), <i>Momordica</i> spp. (balsam apple, balsam pear, bitter melon, Chinese 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), <i>Cucumis mixta</i> , <i>Cucumis pepo</i> (acorn squash, spaghetti squash), watermelon (hybrids and/or varieties of <i>Citrullus lanatus</i> )	<i>Pythium</i> damping-off	Apply 0.75 fl oz per 100 lbs of seed.
Fruiting vegetables*: Eggplant, ground cherry, pepino, pepper (bell pepper, chili pepper, cooking pepper, pimento, sweet pepper), tomatillo, and tomato	<i>Pythium</i> damping-off	Apply STartUP METXL as a seed treatment at the rate of 0.10 - 0.75 fl oz per 100 lbs of seed.
Forage Legumes: Alfalfa, clover, lespedeza, beans (for forage), soybeans (for forage), soybean hay, peanuts (for forage), peanut hay, peas (for forage), pea vine hay, cowpeas (for forage), cowpea hay, trefoil, vetch, and velvet beans (for forage)	<i>Pythium</i> damping-off and early season <i>Phytophthora</i>	Apply 0.75 - 1.5 fl oz per 100 lbs of seed.
Forage Grasses: Grasses grown for hay, grazing or silage, corn (fodder or silage), sorghum (hay or silage), and small grain grown for hay, grazing or silage	<i>Pythium</i> damping-off	Apply 0.75 fl oz per 100 lbs of seed.
Grain Crops: Wheat, barley, rye, oats, millet, milo, corn (field corn, sweet corn, and popcorn), buckwheat, and triticale	<i>Pythium</i> damping-off	Apply 0.75 fl oz per 100 lbs of seed.
	Systemic downy mildew	Apply at the rate of 1.5 fl oz per 100 lbs of seed.
Onions* Onion (dry bulb and green)	<i>Pythium</i> damping-off	Apply 0.75 fl oz per 100 lbs of seed.
Peanuts*	<i>Pythium</i> seed rot <i>Pythium</i> damping-off	Apply 0.75 fl oz per 100 lbs of seed. Apply 1.071 fl oz per 100,000 seeds to deliver 0.1004 mg ai per seed. (Based on average of 700 seeds per pound.)
Rice*	<i>Pythium</i> damping-off	Apply 0.75 - 1.5 fl oz per 100 lbs of seed. Apply 0.040 - 0.080 fl oz per 100,000 seeds to deliver 0.0037 - 0.0075 mg ai per seed. (Based on average of 18,800 seeds per pound.)

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## DIRECTIONS FOR USE

CROP	DISEASE CONTROLLED	APPLICATION INSTRUCTIONS
Brassica (Cole) Leafy Vegetables*: Broccoli (Chinese and raab), Brussels sprouts, cabbage (Chinese bok choy, Chinese napa and mustard), cauliflower, cavalo broccoli, collards, kale, kohlrabi, mizuna, mustard greens, mustard spinach, and rape greens	<i>Pythium</i> damping-off	Apply 0.75 fl oz per 100 lbs of seed.
Canola* Mustard Seed* Rapeseed*	<i>Pythium</i> damping-off	Apply 0.25 - 0.50 fl oz per 100 lbs of seed. Apply 0.0025 - 0.005 fl oz of product per 100,000 seeds to deliver 0.00023 - 0.00047 mg ai per seed. (Based on an average of 100,000 seeds per pound.)
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Cucurbit Vegetables: Chayote (fruit), Chinese waxgourd, citron melon, cucumber, gherkin, edible gourd (hyotan, cucuzza, Chinese okra and hechima), <i>Momordica</i> spp. (balsam apple, balsam pear, bitter melon, Chinese 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), <i>Cucumis mixta</i> , <i>Cucumis pepo</i> (acorn squash, spaghetti squash), watermelon (hybrids and/or varieties of <i>Citrullus lanatus</i> )	<i>Pythium</i> damping-off	Apply 0.75 fl oz per 100 lbs of seed.
Fruiting vegetables*: Eggplant, ground cherry, pepino, pepper (bell pepper, chili pepper, cooking pepper, pimento, sweet pepper), tomatillo, and tomato	<i>Pythium</i> damping-off	Apply STartUP METXL as a seed treatment at the rate of 0.10 - 0.75 fl oz per 100 lbs of seed.
Forage Legumes: Alfalfa, clover, lespedeza, beans (for forage), soybeans (for forage), soybean hay, peanuts (for forage), peanut hay, peas (for forage), pea vine hay, cowpeas (for forage), cowpea hay, trefoil, vetch, and velvet beans (for forage)	<i>Pythium</i> damping-off and early season <i>Phytophthora</i>	Apply 0.75 - 1.5 fl oz per 100 lbs of seed.
Forage Grasses: Grasses grown for hay, grazing or silage, corn (fodder or silage), sorghum (hay or silage), and small grain grown for hay, grazing or silage	<i>Pythium</i> damping-off	Apply 0.75 fl oz per 100 lbs of seed.
Grain Crops: Wheat, barley, rye, oats, millet, milo, corn (field corn, sweet corn, and popcorn), buckwheat, and triticale	<i>Pythium</i> damping-off	Apply 0.75 fl oz per 100 lbs of seed.
	Systemic downy mildew	Apply at the rate of 1.5 fl oz per 100 lbs of seed.
Onions* Onion (dry bulb and green)	<i>Pythium</i> damping-off	Apply 0.75 fl oz per 100 lbs of seed.
Peanuts*	<i>Pythium</i> seed rot <i>Pythium</i> damping-off	Apply 0.75 fl oz per 100 lbs of seed. Apply 1.071 fl oz per 100,000 seeds to deliver 0.1004 mg ai per seed. (Based on average of 700 seeds per pound.)
Rice*	<i>Pythium</i> damping-off	Apply 0.75 - 1.5 fl oz per 100 lbs of seed. Apply 0.040 - 0.080 fl oz per 100,000 seeds to deliver 0.0037 - 0.0075 mg ai per seed. (Based on average of 18,800 seeds per pound.)

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**DIRECTIONS FOR USE (continued)**

CROP	DISEASE CONTROLLED	APPLICATION INSTRUCTIONS
<p>Root and Tuber Vegetables*: (except potatoes) 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 dalkon), rutabaga, salsify (black and Spanish), skirret, sweet potato, tanier, turmeric, turnip, yam bean (jicama, manioc pea), yam</p>	<p><i>Pythium</i> damping-off</p>	<p>Apply 0.75 fl oz per 100 lbs of seed.</p>
<p>Seed and Pod Vegetables: Black-eyed peas, chickpeas (Garbanzos), cowpeas, dill, edible soybeans, field beans, field peas, garden peas, green beans, kidney beans, lima beans, lupines, navy beans, okra, peas, pole beans, snap beans, string beans, wax beans, and lentils</p>	<p><i>Pythium</i> damping-off</p>	<p>Apply STartUP METXL as a seed treatment at the rate of 0.10 - 0.75 fl oz per 100 lbs of seed.</p>
	<p>Early season <i>Phytophthora</i></p>	<p>Apply 0.75 fl oz per 100 lbs of seed.</p>
	<p><i>Pythium</i> damping-off and systemic downy mildew of peas</p>	<p>Apply 1.5 fl oz per 100 lbs of seed.</p>
<p>Sorghum</p>	<p><i>Pythium</i> damping-off</p>	<p>Apply 0.375 - 0.75 fl oz per 100 lbs of seed. Apply 0.021 - 0.42 fl oz per 100,000 seeds to deliver 0.0020 - 0.0039 mg ai per seed. (Based on average of 18,000 seeds per pound).</p>
	<p>Systemic downy mildew (races susceptible to chemical control, and cultivars which possess sorghum downy mildew resistance)</p>	<p>Apply 0.75 - 1.5 fl oz per 100 lbs of seed.</p>
<p>Soybeans</p>	<p><i>Pythium</i> damping-off Early season <i>Phytophthora</i></p>	<p>Apply 0.75 - 1.5 fl oz per 100 lbs of seed. Apply 0.38 - 0.75 fl oz of product per 140,000 seeds to deliver 0.0251 - 0.0502 mg ai per seed. (Based 2,800 seeds per pound.)</p>
<p>Sunflowers</p>	<p>Systemic downy mildew</p>	<p>Apply 1.5 - 3.0 fl oz per 100 lbs of seed.</p>
		<p>For oil type: Apply 0.214 - 0.429 fl oz of product per 100,000 seeds to deliver 0.0201 - 0.0402 mg ai per seed. (Based on average of 7,000 seeds per pound.) For confection type: Apply 0.429 - 0.857 fl oz of product per 100,000 seeds to deliver 0.0402 - 0.0804 mg ai per seed. (Based on average of 3,500 seeds per pound.)</p>
<p>Turf Grasses</p>	<p>For <i>Pythium</i> damping-off control on golf courses, home lawns reclamation and erosion control projects</p>	<p>Apply 1.5 fl oz per 100 lbs of seed.</p>

\*Use not permitted in California.

Use the higher specified rate of STartUP METXL when disease pressure is above what is usual. Increasing the use rate of STartUP METXL to the higher end of the specified rate range will provide both increased levels of control along with a longer time of activity.

## DIRECTIONS FOR USE AT REDUCED RATES IN COMBINATION WITH OTHER FUNGICIDES

SStartUP METXL is a systemic fungicide seed dressing which may be applied in combination with other EPA-registered fungicides to aid in control of *Pythium*. SStartUP METXL may be applied as a water based slurry through standard slurry or mist-type commercial seed treatment equipment.

Corn (Field)	To aid in the control of seed decay and damping-off caused by <i>Pythium</i> . Apply SStartUP METXL Seed Treatment Fungicide as a commercial seed treatment. Apply only in combination with EPA registered rates of broad-spectrum seed treatment fungicides.					
		<b>SStartUP METXL Application Rate</b>			<b>Maximum Planting Rate seeds/A*</b>	
	<b>seeds/lb</b>	<b>fl oz/CWT</b>	<b>fl oz/80,000 seed unit</b>	<b>mg ai/seed</b>	<b>0.1 fl oz/CWT</b>	<b>0.375 fl oz/CWT</b>
	1200	0.1 - 0.375	0.07 - 0.25	0.008 - 0.028	457,500	122,000
	1600	0.1 - 0.375	0.05 - 0.19	0.006 - 0.021	610,000	162,700
	2000	0.1 - 0.375	0.04 - 0.15	0.005 - 0.017	762,500	203,300
	2400	0.1 - 0.375	0.03 - 0.13	0.004 - 0.014	915,000	244,000
*Do not apply by seed treatment more than 0.0076 pounds of Metalaxyl (0.46 fl oz SStartUP METXL Application Rate) per acre per year.						
Wheat, Oats, Barley, Rye	To aid in the control of seed decay and damping-off cause by <i>Pythium</i> : Apply SStartUP METXL as a commercial seed treatment at the rate of 0.10 - 0.375 fl oz per 100 lbs of seed. Apply only in combination with EPA registered rates of broadspectrum seed treatment fungicides.					
Soybeans, Field beans, Kidney beans, Navy Beans, Pinto beans, Lentils, Peas	To aid in the control of seed decay and damping-off cause by <i>Pythium</i> : Apply SStartUP METXL as a commercial seed treatment at the rate of 0.20 - 0.375 fl oz per 100 lbs of seed. Apply only in combination with EPA registered rates of broadspectrum seed treatment fungicides.					
Sunflowers	To aid in the control of seed decay and damping-off cause by <i>Pythium</i> : Apply SStartUP METXL as a commercial seed treatment at the rate of 0.10 - 0.375 fl oz per 100 lbs of seed. Apply only in combination with EPA registered rates of broadspectrum seed treatment fungicides.					
Peanuts*	To aid in the control of seed decay and damping-off cause by <i>Pythium</i> : Apply SStartUP METXL as a commercial seed treatment at the rate of 0.20 - 0.375 fl oz per 100 lbs of seed. Apply only in combination with EPA registered rates of broadspectrum seed treatment fungicides. *Use not permitted in California.					
Rice*	To aid in the control of seed decay and damping-off cause by <i>Pythium</i> : Apply SStartUP METXL as a commercial seed treatment at the rate of 0.10 - 0.375 fl oz per 100 lbs of seed. Apply only in combination with EPA registered rates of broadspectrum seed treatment fungicides. *Use not permitted in California.					

## SEED TREATMENT-EXPORT USE ONLY NOT FOR DOMESTIC SALES OR USE.

For treatment of the following seed for export only to countries requiring treatment with Metalaxyl before importation.

Brassica (Cole) Leafy Vegetables	For <i>Pythium</i> damping-off control: Apply STartUP METXL as a seed treatment at the rate of 0.75 - 1.50 fl oz per 100 lbs of seed.
Canola	For <i>Pythium</i> damping-off control: Apply STartUP METXL as a seed treatment at the rate of 0.50 - 1.70 fl oz per 100 lbs of seed (32 - 110 ml per 100 kg of seed).
Corn	For <i>Pythium</i> damping-off control: Apply STartUP METXL as a seed treatment at the rate of 0.75 - 1.50 fl oz per 100 lbs of seed. For systemic downy mildew control: Apply STartUP METXL as a seed treatment at 3.0 fl oz per 100 lbs of seed.
Cucurbit Vegetables	For <i>Pythium</i> damping-off control: Apply STartUP METXL as a seed treatment at the rate of 0.75 fl oz per 100 lbs of seed.
Fruiting Vegetables	For <i>Pythium</i> damping-off control: Apply STartUP METXL as a seed treatment at the rate of 0.75 - 1.50 fl oz per 100 lbs of seed.
Leafy Vegetables	For <i>Pythium</i> damping-off control: Apply STartUP METXL as a seed treatment at the rate of 0.75 - 1.50 fl oz per 100 lbs of seed.
Onion	For <i>Pythium</i> damping-off control: Apply STartUP METXL as a seed treatment at the rate of 0.75 - 1.50 fl oz per 100 lbs of seed.
Millet	For <i>Pythium</i> damping-off control: Apply STartUP METXL as a seed treatment at the rate of 0.75 - 1.50 fl oz per 100 lbs of seed. For systemic downy mildew control: Apply STartUP METXL as a seed treatment at 2.5 fl oz per 100 lbs of seed.
Peas	For <i>Pythium</i> damping-off and early season <i>Phytophthora</i> control: Apply STartUP METXL as a seed treatment at 3.5 fl oz per 100 lbs of seed.
Root and Tuber Vegetables	For <i>Pythium</i> damping-off control: Apply STartUP METXL as a seed treatment at the rate of 0.75 - 1.50 fl oz per 100 lbs of seed.
Sorghum	For <i>Pythium</i> damping-off control: Apply STartUP METXL as a seed treatment at the rate of 0.75 - 1.50 fl oz per 100 lbs of seed. For systemic downy mildew control: Apply STartUP METXL as a seed treatment at 5.25 fl oz per 100 lbs of seed.
Sunflowers	For systemic downy mildew control: Apply STartUP METXL as a seed treatment at 9.0 fl oz per 100 lbs of seed.

Seed treated in accordance with the export use pattern must be labeled as follows:

**FOR EXPORT ONLY NOT FOR DOMESTIC SALES OF USE.**

### STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Store in a cool dry location. Do not store in direct hot sunlight. Do not store above 90°F for prolonged periods of time. After prolonged storage in intense cold, allow product to return to approximately 75°F before using.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER HANDLING:**

**Nonrefillable containers equal to or less than 5 gallons. Do not reuse or refill this container.** 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 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. If pressure rinsing, empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration. Do not burn, unless allowed by state and local ordinances.

**Nonrefillable containers greater than 5 gallons. Do not reuse or refill this container.** Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer container for recycling, reconditioning, or puncture and dispose of in a sanitary landfill, by incineration. Do not burn, unless allowed by state and local ordinances.

**IMPORTANT INFORMATION  
READ BEFORE USING PRODUCT**

**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 reflect the opinion of experts based on field use and tests, and must be followed carefully. It is impossible to eliminate all risks 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 United Phosphorus, Inc. or Seller. Handling, storage, and use of the product by Buyer or User are beyond the control of United Phosphorus, Inc. and Seller. To the extent consistent with applicable law, all such risks shall be assumed by Buyer and User, and Buyer and User agree to hold United Phosphorus, Inc. and Seller harmless for any claims relating to such factors.

**TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, UNITED PHOSPHORUS, INC. AND SELLER MAKE NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ON THIS LABEL.**

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