



# ALLEGIANCE®-FL

Seed Treatment Fungicide

Net Contents:

2.5 Gallons

METALAXYL	GROUP	4	FUNGICIDE
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A SEED TREATMENT CHEMICAL FOR CONTROL OF SEED ROT AND DAMPING-OFF DISEASES OF CERTAIN CROPS

**ACTIVE INGREDIENTS:**

Metalaxyl: N-(2,6-dimethylphenyl)-N-(methoxyacetyl)alanine methyl ester . . . . . 28.35%

**OTHER INGREDIENTS:** . . . . . 71.65%

Contains 2.6 pounds Metalaxyl per gallon. **TOTAL: 100.00%**

EPA Reg. No. 264-935

## 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.)

Please refer to booklet for additional precautionary statements and directions for use.

For **MEDICAL** and **TRANSPORTATION** Emergencies **ONLY** Call 24 Hours A Day 1-800-334-7577

For **PRODUCT USE** Information Call 1-866-99BAYER (1-866-992-2937)

Produced for  
Bayer CropScience LP  
800 N. Lindbergh Blvd.  
St. Louis, MO 63167

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## FIRST AID

<b>IF ON SKIN OR CLOTHING:</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 to do so 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>
<p>In case of emergency call toll free the Bayer CropScience Emergency Response Telephone No. 1-800-334-7577. Have a product container or label with you when calling a poison control center or doctor, or going for treatment.</p>	

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

#### WARNING

Causes skin irritation. Harmful if swallowed or absorbed through skin. Causes moderate eye irritation. Do not get on skin or on clothing. Avoid contact with eyes. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove contaminated clothing and wash before reuse.

#### PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are: (barrier laminate, butyl rubber  $\geq 14$  mils, nitrile rubber  $\geq 14$  mils, polyvinyl chloride (PVC)  $\geq 14$  mils, and viton  $\geq 14$  mils).

**Applicators and other handlers must wear:** Coveralls over short-sleeved shirt and short pants, socks and chemical-resistant footwear and chemical-resistant gloves (barrier laminate, butyl rubber  $\geq 14$  mils, nitrile rubber  $\geq 14$  mils, polyvinyl chloride (PVC)  $\geq 14$  mils, and viton  $\geq 14$  mils).

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 thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.

- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and change into clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change 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 wash water or rinsate.

**Groundwater Advisory:** This chemical 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.

## **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 interval (REI) of 24 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, such as plants, soil, or water, is: coveralls, socks and chemical resistant footwear, chemical resistant gloves, barrier laminate or butyl rubber  $\geq 14$  mils, nitrile rubber  $\geq 14$  mils, polyvinyl chloride (PVC)  $\geq 14$  mils, and viton  $\geq 14$  mils or Viton and protective eyewear.

**In California – Only for use in commercial seed treating establishments. Not allowed for “on-farm” use.**

**ALLEGIANCE®-FL Seed Treatment Fungicide is a systemic fungicide seed dressing specifically for control of systemic downy mildews, *Pythium*, and *Phytophthora* spp.**

## **SEED BAG LABELING REQUIREMENT**

Federal Seed Act requires that containers containing treated seeds shall be labeled with the following information.

- This seed has been treated with ALLEGIANCE-FL Seed Treatment Fungicide, a fungicide containing Metalaxyl.
- Do not use for feed, food or oil purposes.

The U.S. Environmental Protection Agency requires the following statements on containers containing seed treated with ALLEGIANCE-FL Seed Treatment Fungicide:

- Store away from feeds and foodstuffs.
- Do not allow children, pets, or livestock to have access to treated seeds.
- Wear long pants, long-sleeved shirt and protective gloves when handling treated seed.

- Treated seeds exposed on the soil surface may be hazardous to wildlife. Cover or collect treated seeds spilled during loading and planting (such as in row ends).
- Dispose of all excess treated seed by burying seed away from bodies of water.
- Do not contaminate bodies of water when disposing of planting equipment wash water.
- Dispose of seed packaging or containers in accordance with local requirements.
- Excess treated seed may be used for ethanol production if (1) by-products are not used for livestock feed and (2) no measurable residues of pesticide remain in ethanol by-products that are used in agronomic practice.
- ALLEGIANCE-FL Seed Treatment Fungicide is a systemic fungicide seed dressing specifically for control of systemic downy mildews, *Pythium*, and *Phytophthora* spp. Do not use with other seed treatment products unless previous experience assures compatibility.

## **RESISTANCE MANAGEMENT RECOMMENDATION**

For resistance management, ALLEGIANCE-FL Seed Treatment Fungicide contains a Group 4 fungicide. Any fungal population may contain individuals naturally resistant to ALLEGIANCE-FL Seed Treatment Fungicide and other Group 4 fungicides. A gradual or total loss of pest control may occur over time if these fungicides are used repeatedly in the same fields. Appropriate resistance-management strategies should be followed.

## **COMPATIBILITY TESTING AND TANK MIX PARTNERS**

May be used in combination with other registered Bayer CropScience seed treatment fungicides and insecticides. Pre-test for compatibility with other seed treatment products.

### **Compatibility**

It is essential that before using ALLEGIANCE-FL Seed Treatment Fungicide in any tank mixture the compatibility of the mixture be established. Add ALLEGIANCE-FL Seed Treatment Fungicide at the labeled rate to a clean quart jar containing approximately one-half the amount of water intended for a final slurry application rate. Next, follow with all other tank mix components that will be used in the total slurry application.

Add last the remaining balance of water. The total amount of volume is determined by the seed size and how much is necessary to ensure complete and uniform coverage and distribution on the seed, as well as the type of commercial seed treating application equipment that will be used.

**DO NOT USE MIXTURES THAT CURDLE, PRECIPITATE, OR GEL. USE TANK MIXTURES IMMEDIATELY AFTER MIXING WITH ADEQUATE AGITATION.**

### **Mixing Instructions**

1. When applied with seed treatment application equipment designed to treat seed utilizing a treatment slurry mixture, add approximately 1/2 to 2/3 of the required water to the treatment slurry tank followed by the accompanying seed treatment products and ALLEGIANCE-FL Seed Treatment Fungicide.
2. The order of product addition is dependent on the accompanying seed treatment products and application equipment used.
3. Allow each slurry component to disperse completely prior to the next addition until a uniform suspension is obtained.
4. After all slurry components have been added and dispersed completely add the remaining 1/2 to 1/3 of required water for proper slurry volume and mix until uniform.
5. Do not store mixed slurries for greater than 72 hours.
6. Maintain adequate agitation until treatment slurry is applied.

For additional instructions for use, slurry component mixing order, and other application suggestions contact your Bayer CropScience representative.

Follow more restrictive labeling of any tank mix partner. Do not tank mix with any product, which contains a prohibition on tank mixing.

ALLEGIANCE-FL Seed Treatment Fungicide may be applied as a water based slurry with other registered seed treatment insecticides and fungicides through standard slurry or mist-type commercial seed treatment equipment.

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. 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 ethanol byproducts that are used in agronomic practice.

## 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).
- Maximum usage when applying both metalaxyl- and mefenoxam-containing products to the same crop within the same season: Do not apply more than the maximum yearly total application rate for the active ingredient as stated on the label of the product containing the lowest yearly total on that crop. The maximum application rate for metalaxyl and mefenoxam-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 ingredient metalaxyl per acre per calendar year.

## CROP USE DIRECTIONS

Canola* Mustard seed* Rapeseed*	For <i>Pythium</i> damping-off control: Apply ALLEGIANCE-FL Seed Treatment Fungicide as a seed treatment at 0.25 - 0.5 fl oz per 100 lbs of seed. *Use not permitted in California.
Peanuts*	For <i>Pythium</i> seed rot and damping-off control: Apply ALLEGIANCE-FL Seed Treatment Fungicide as a seed treatment at 0.75 fl oz per 100 lbs of seed. *Use not permitted in California.
Sorghum	For control of <i>Pythium</i> damping-off, apply 0.375 - 0.75 fl oz of ALLEGIANCE-FL Seed Treatment Fungicide per 100 lbs of seed applied as a seed treatment. For control of systemic downy mildew (races susceptible to chemical control), apply 0.75 - 1.5 fl oz ALLEGIANCE-FL Seed Treatment Fungicide per 100 lbs of seed on cultivars which possess sorghum downy mildew resistance. To those cultivars, which do not possess resistance to a particular race of sorghum downy mildew in heavily infected areas with recent severe history, apply 1.5 - 3.0 fl oz of ALLEGIANCE-FL Seed Treatment Fungicide per 100 lbs of seed as a seed treatment. Only high quality sorghum seed (90% germination and above) should be treated with ALLEGIANCE-FL Seed Treatment Fungicide.
Sunflowers	For control of systemic downy mildew: Apply ALLEGIANCE-FL Seed Treatment Fungicide as a seed treatment at the rate of 1.5 - 3.0 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). For <i>Pythium</i> damping-off and early season <i>Phytophthora</i> control: Apply ALLEGIANCE-FL Seed Treatment Fungicide as a seed treatment at the rate of 0.75 - 1.5 fl oz per 100 lbs of seed.

Grain Crops	<p>Wheat, barley, rye, oats, millet, milo, corn (field corn, sweet corn, and popcorn), buckwheat, and triticale.</p> <p>For <i>Pythium</i> damping-off control: Apply ALLEGIANCE-FL Seed Treatment Fungicide as a seed treatment at the rate of 0.75 fl oz per 100 lbs of seed.</p> <p>For systemic downy mildew control of sweet corn: Apply ALLEGIANCE-FL Seed Treatment Fungicide as a seed treatment at the rate of 1.5 fl oz per 100 lbs of seed.</p>
Rice*	<p>For <i>Pythium</i> damping-off control: Apply ALLEGIANCE-FL Seed Treatment Fungicide as a seed treatment at the rate of 0.75 - 1.5 fl oz per 100 lbs of seed. Note: If using ALLEGIANCE-FL Seed Treatment Fungicide treated rice, do not use Ridomil for control of <i>Pythium</i> in water-seeded rice.</p> <p>Restrictions:</p> <p>Container bags containing ALLEGIANCE-FL Seed Treatment Fungicide treated rice must be labeled with the following restriction: "For rice seed, do not use Ridomil for control of <i>Pythium</i> in water-seeded rice."</p> <p>*Use not permitted in California.</p>
Seed and Pod Vegetables	<p>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. For <i>Pythium</i> damping-off control: Apply ALLEGIANCE-FL Seed Treatment Fungicide as a seed treatment at the rate of 0.75 fl oz per 100 lbs of seed. For early season <i>Phytophthora</i> control: Apply ALLEGIANCE-FL Seed Treatment Fungicide as a seed treatment at the rate of 0.75 fl oz per 100 lbs of seed. For control of <i>Pythium</i> damping-off and systemic downy mildew of peas: Apply ALLEGIANCE-FL Seed Treatment Fungicide as a seed treatment at the rate of 1.5 fl oz per 100 lbs of seed.</p>
Turf Grasses	<p>For <i>Pythium</i> damping-off control on golf courses, home lawns reclamation and erosion control projects: Apply ALLEGIANCE-FL Seed Treatment Fungicide as a seed treated at the rate of 1.5 fl oz per 100 lbs of seed.</p>
Forage Grasses	<p>Grasses grown for hay, grazing or silage, corn (fodder or silage), sorghum (hay or silage), and small grain grown for hay, grazing or silage. For <i>Pythium</i> damping-off control: Apply ALLEGIANCE-FL Seed Treatment Fungicide as a seed treatment at the rate of 0.75 fl oz per 100 lbs of seed.</p>
Brassica (Cole) Leafy Vegetables	<p>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</p> <p>For <i>Pythium</i> damping-off control: Apply ALLEGIANCE-FL Seed Treatment Fungicide as a seed treatment at the rate of 0.75 fl oz per 100 lbs of seed.</p>
Cucurbit Vegetables	<p>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 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), Cucumis mixta, Cucumis pepo (acorn squash, spaghetti squash), watermelon (hybrids and/or varieties of <i>Citrullus lanatus</i>.)</p> <p>For <i>Pythium</i> damping-off control: Apply ALLEGIANCE-FL Seed Treatment Fungicide as a seed treatment at 0.75 fl oz per 100 lbs of seed.</p>
Leafy Vegetables	<p>Amaranth (leafy, Chinese spinach, tampala), cardoon, celery (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* (New Zealand and vine), and Swiss chard.</p> <p>Restrictions:</p> <p>Do not apply ALLEGIANCE-FL Seed Treatment Fungicide to spinach which is destined to be grown in the greenhouse. Containers or bags containing ALLEGIANCE-FL Seed Treatment Fungicide treated spinach seed must be labeled with the following restriction: "Do not grow spinach in greenhouses."</p> <p>For <i>Pythium</i> damping-off control: Apply ALLEGIANCE-FL Seed Treatment Fungicide as a seed treatment at 0.75 fl oz per 100 lbs of seed.</p>

Fruiting Vegetables	Eggplant, ground cherry, pepino, pepper (bell pepper, chili pepper, cooking pepper, pimento, sweet pepper), tomatillo, and tomato For <i>Pythium</i> damping-off control: Apply ALLEGIANCE-FL Seed Treatment Fungicide as a seed treatment at 0.75 fl oz per 100 lbs of seed.
Onions	Onion (dry bulb and green) For <i>Pythium</i> damping-off control: Apply ALLEGIANCE-FL Seed Treatment Fungicide as a seed treatment at 0.75 fl oz per 100 lbs of seed.
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 (turnip-rooted), parsnip, radish (oriental dalkon), rutabaga, salsify (black and Spanish), skirret, sweet potato, tanager, turmeric, turnip, yam bean (jicama, manioc pea), yam For <i>Pythium</i> damping-off control: Apply ALLEGIANCE-FL Seed Treatment Fungicide as a seed treatment at 0.75 fl oz per 100 lbs of seed. Restrictions: Do not apply ALLEGIANCE-FL Seed Treatment Fungicide to potatoes.

Cotton	For <i>Pythium</i> seed rot and damping-off. Apply ALLEGIANCE-FL Seed Treatment Fungicide as a seed treatment:							
	ALLEGIANCE-FL Seed Treatment Fungicide Application rate				Maximum Planting rate - seeds/A*			
	seeds/lb	fl oz/CWT	mg Al/seed		@ 0.75 fl oz/CWT	@ 1.5 fl oz/CWT		
	3600	0.75 - 1.5	0.019 - 0.038		96,320	48,160		
	4400	0.75 - 1.5	0.015 - 0.031		117,700	58,860		
	5200	0.75 - 1.5	0.013 - 0.026		139,100	69,560		
	6000	0.75 - 1.5	0.011 - 0.023		160,500	80,270		
	Restrictions:							
	*Do not apply by seed treatment more than 0.004 pounds of Metalaxyl (0.2 fl. oz. ALLEGIANCE-FL Seed Treatment Fungicide) per acre per year.							
Soybean**	For <i>Pythium</i> damping-off and early season <i>Phytophthora</i> control apply ALLEGIANCE-FL Seed Treatment Fungicide as a seed treatment. To protect against <i>Phytophthora</i> seed and early seedling blight from planting to emergence use the lower specified rates, 0.20 - 0.375 fl oz per 100 pound of seeds. Applying the higher specified use rate of ALLEGIANCE-FL Seed Treatment Fungicide to provide both increased levels of control along with a longer time of activity. A use rate of 0.75 to 1.5 fl oz per 100 pounds of seed of ALLEGIANCE-FL Seed Treatment Fungicide on soybean seed is required for acceptable control of <i>Phytophthora</i> seedling blight.							
	ALLEGIANCE-FL Seed Treatment Fungicide Application rate				Maximum Planting rate - seeds/A*			
	seeds/lb	fl oz/CWT	fl oz/140,000 seed unit	mg Al/seed	@ 0.20 fl oz/CWT	@ 0.375 fl oz/CWT	@ 0.75 fl oz/CWT	@ 1.5 fl oz/CWT
	2000	0.20 - 1.5	0.14 - 1.05	0.0095 - 0.068	832,875	444,200	222,100	111,000
	2400	0.20 - 1.5	0.12 - 0.88	0.0079 - 0.057	999,375	533,000	266,500	133,200
	2800	0.20 - 1.5	0.10 - 0.75	0.0068 - 0.048	1,165,875	621,800	310,900	155,400
	3200	0.20 - 1.5	0.09 - 0.66	0.0059 - 0.042	1,332,375	710,600	355,300	177,700
	3600	0.20 - 1.5	0.08 - 0.58	0.0053 - 0.038	1,498,875	799,400	399,700	199,900
	Restrictions:							
	*Do not apply by seed treatment more than 0.0166 pounds of Metalaxyl (0.83 fl oz ALLEGIANCE-FL Seed Treatment Fungicide) per acre per year.							
	**Use not permitted in California.							

Use the higher specified rate of ALLEGIANCE-FL Seed Treatment Fungicide when disease pressure is above what is usual. Apply the higher specified use rate of ALLEGIANCE-FL Seed Treatment Fungicide to provide both increased levels of control along with a longer time of activity.

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

ALLEGIANCE-FL Seed Treatment Fungicide is a systemic fungicide seed dressing which may be applied in combination with other EPA-registered fungicides to aid in control of *Pythium*. ALLEGIANCE-FL Seed Treatment Fungicide 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 ALLEGIANCE-FL Seed Treatment Fungicide as a commercial seed treatment. Apply in combination with EPA registered rates of broad-spectrum seed treatment fungicides.					
	ALLEGIANCE-FL Seed Treatment Fungicide Application rate				Maximum Planting rate - seeds/A*	
	seeds/lb	fl oz/CWT	fl oz/80,000 seed unit	mg AI/seed	@ 0.1 fl oz/ CWT	@ 0.375 fl oz/ CWT
	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
Restrictions: *Do not apply by seed treatment more than 0.0076 pounds of Metalaxyl (0.46 fl oz ALLEGIANCE-FL Seed Treatment Fungicide) per acre per year.						
Wheat, Oats, Barley, Rye	To aid in the control of seed decay and damping-off caused by <i>Pythium</i> : Apply ALLEGIANCE-FL Seed Treatment Fungicide as a commercial seed treatment at the rate of 0.10 - 0.375 fl oz per 100 lbs of seed. Apply in combination with EPA registered rates of broad-spectrum 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 caused by <i>Pythium</i> : Apply ALLEGIANCE-FL Seed Treatment Fungicide as a commercial seed treatment at the rate of 0.10 - 0.375 fl oz per 100 lbs of seed. Apply in combination with EPA registered rates of broad-spectrum seed treatment fungicides.					
Sunflowers	To aid in the control of seed decay and damping-off caused by <i>Pythium</i> : Apply ALLEGIANCE-FL Seed Treatment Fungicide as a commercial seed treatment at the rate of 0.10 - 0.375 fl oz per 100 lbs of seed. Apply in combination with EPA registered rates of broad-spectrum seed treatment fungicides.					
Peanuts*	To aid in the control of seed decay and damping-off caused by <i>Pythium</i> : Apply ALLEGIANCE-FL Seed Treatment Fungicide as a commercial seed treatment at the rate of 0.10 - 0.375 fl oz per 100 lbs of seed. Apply in combination with EPA registered rates of broad-spectrum seed treatment fungicides. *Use not permitted in California.					
Rice*	To aid in the control of seed decay and damping-off caused by <i>Pythium</i> : ALLEGIANCE-FL Seed Treatment Fungicide as a commercial seed treatment at the rate of 0.10 - 0.375 fl oz per 100 lbs of seed. Apply in combination with EPA registered rates of broad-spectrum 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 ALLEGIANCE-FL Seed Treatment Fungicide 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 ALLEGIANCE-FL Seed Treatment Fungicide 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 ALLEGIANCE-FL Seed Treatment Fungicide as a seed treatment at 0.75 - 1.50 fl oz per 100 lbs of seed. For systemic downy mildew control: Apply ALLEGIANCE-FL Seed Treatment Fungicide as a seed treatment at 3.0 fl oz per 100 lbs of seed.
Cucurbit Vegetables	For <i>Pythium</i> damping-off control: Apply ALLEGIANCE-FL Seed Treatment Fungicide as a seed treatment at 0.75 fl oz per 100 lbs of seed.
Fruiting Vegetables	For <i>Pythium</i> damping-off control: Apply ALLEGIANCE-FL Seed Treatment Fungicide as a seed treatment at 0.75 - 1.50 fl oz per 100 lbs of seed.
Leafy Vegetables	For <i>Pythium</i> damping-off control: Apply ALLEGIANCE-FL Seed Treatment Fungicide as a seed treatment at 0.75 - 1.50 fl oz per 100 lbs of seed.
Onions	For <i>Pythium</i> damping-off control: Apply ALLEGIANCE-FL Seed Treatment Fungicide as a seed treatment at 0.75 - 1.50 fl oz per 100 lbs of seed.
Millet	For <i>Pythium</i> damping-off control: Apply ALLEGIANCE-FL Seed Treatment Fungicide as a seed treatment at 0.75 - 1.50 fl oz per 100 lbs of seed. For systemic downy mildew control: Apply ALLEGIANCE-FL Seed Treatment Fungicide 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 ALLEGIANCE-FL Seed Treatment Fungicide 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 ALLEGIANCE-FL Seed Treatment Fungicide as a seed treatment at 0.75 - 1.50 fl oz per 100 lbs of seed.  Restrictions: Do not apply ALLEGIANCE-FL Seed Treatment Fungicide to potatoes.
Sorghum	For <i>Pythium</i> damping-off control: Apply ALLEGIANCE-FL Seed Treatment Fungicide as a seed treatment at 0.75 - 1.50 fl oz per 100 lbs of seed. For systemic downy mildew control: Apply ALLEGIANCE-FL Seed Treatment Fungicide as a seed treatment at 5.25 fl oz per 100 lbs of seed.
Sunflowers	For systemic downy mildew control: Apply ALLEGIANCE-FL Seed Treatment Fungicide 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 OR 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**

**Rigid, Non-refillable containers small enough to shake (i.e., with capacities equal to or less than 5 gallons).**

Non-refillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse or pressure 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.

Pressure rinse as follows: 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.

Once container is rinsed, offer for recycling if available, or puncture and dispose of in a sanitary landfill or incineration, or if allowed by state and local authorities, by burning. If burned stay out of smoke.

## **IMPORTANT: READ BEFORE USE CONDITIONS OF SALE AND LIMITATIONS OF WARRANTY AND LIABILITY**

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following Conditions, Disclaimer of Warranties and Limitations of Liability.

Treatment of highly mechanically damaged seed, or seed of known low vigor and poor quality, may result in reduced germination and/or reduction of seed and seedling vigor. Treat and conduct germination tests on a small portion of seed before committing the total seed lot to a selected chemical treatment. Due to seed quality conditions beyond the control of Bayer CropScience, no claims are made to guarantee germination of carry-over seed.

**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. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Bayer CropScience. All such risks shall be assumed by the user or buyer.

**DISCLAIMER OF WARRANTIES:** TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BAYER CROPSCIENCE MAKES NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, THAT EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of Bayer CropScience is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BAYER CROPSCIENCE DISCLAIMS ANY LIABILITY WHATSOEVER FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

**LIMITATIONS OF LIABILITY:** 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 OR HANDLING OF THIS PRODUCT, WHETHER IN CONTRACT, WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, SHALL NOT EXCEED THE PURCHASE PRICE PAID, OR AT BAYER CROPSCIENCE'S ELECTION, THE REPLACEMENT OF PRODUCT.

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Bayer



NET CONTENTS: 2 1/2 GALLONS

**ALLEGIANCE®-FL Seed Treatment Fungicide**

METALAXYL GROUP 4 FUNGICIDE

**A SEED TREATMENT CHEMICAL FOR CONTROL OF SEED ROT AND DAMPING-OFF DISEASES OF CERTAIN CROPS****ACTIVE INGREDIENTS:**

Metalaxyl: N-(2,6-dimethylphenyl)-N-(methoxyacetyl)alanine methyl ester ..... 28.35%

OTHER INGREDIENTS: ..... 71.65%

Contains 2.6 pounds Metalaxyl per gallon.

**TOTAL: 100.00%**

EPA Reg. No. 264-935

**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.)

**Please refer to booklet for additional precautionary statements and directions for use.**

For **MEDICAL** and **TRANSPORTATION** Emergencies **ONLY** Call 24 Hours A Day 1-800-334-7577  
For **PRODUCT USE** Information Call 1-866-99BAYER (1-866-992-2937)

**FIRST AID**

<b>IF ON SKIN OR CLOTHING:</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 to do so 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 toll free the Bayer  
CropScience Emergency Response Telephone  
No. 1-800-334-7577.

Have a product container or label with you when  
calling a poison control center or doctor, or  
going for treatment.

**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**

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Pressure rinse as follows: 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.

Once container is rinsed, offer for recycling if available, or puncture and dispose of in a sanitary landfill or incineration, or if allowed by state and local authorities, by burning. If burned stay out of smoke.

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Produced for  
Bayer CropScience LP  
800 N. Lindbergh Blvd.  
St. Louis, MO 63167

**Bayer****PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC  
ANIMALS  
WARNING**

Causes skin irritation. Harmful if swallowed or absorbed through skin. Causes moderate eye irritation. Do not get on skin or on clothing. Avoid contact with eyes. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove contaminated clothing and wash before reuse.

**DIRECTIONS FOR USE**

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

