

432-1412

1-18-2007

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

January 18, 2007

Mr. Richard M. Gorrell
Manager, Registrations
Armada 50 WP Fungicide
2 T.W. Alexander Drive
Research Triangle Park, NC 27709

Re: Armada 50 WP Fungicide
EPA Registration Number: 432-1412
Date of Submission: January 2, 2007

Dear Gorrell:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 dated January 2, 2007, for the product Armada 50 WP Fungicide. The Registration Division (RD) has conducted a preliminary screen of this request for its applicability under PRN 98-10 and finds that the action(s) requested fall within the scope of PRN 98-10. The label submitted with the application has been stamped "Notification" and will be placed in our records.

If you have any questions, please call me directly at 703-305-6249 or Joyce Edwards of my staff at 703-308-5479.

Sincerely,

A handwritten signature in black ink, appearing to read "Linda Arrington".

Linda Arrington
Notifications & Minor Formulations Team Leader
Registration Division (7505P)
Office of Pesticide Programs

	United States Environmental Protection Agency Washington, DC 20460	<input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Other	OPP Identifier Number
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Application for Pesticide - Section I

1. Company/Product Number 432-1412	2. EPA Product Manager Mr. Tony Kish	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Armada 50 WP Fungicide	PM# 22	
5. Name and Address of Applicant (Include ZIP Code) Bayer Environmental Science 2 T.W. Alexander Drive Research Triangle Park, NC 27709 <input type="checkbox"/> Check if this is a new address		6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input checked="" type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input checked="" type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

NOTIFICATION

JAN 18 2007

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

- As per telephone with the EPA resubmitting label notification (11-3-06) to delete duplicate mixing instructions.

Section - III

1. Material This Product Will Be Packaged in:


Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	2. Type of Container <input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
* Certification must be submitted		If "Yes" Unit Packaging wgt. No. per container	If "Yes" Package wgt No. per container

3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container	4. Size(s) Retail Container	5. Location of Label Directions <input type="checkbox"/> _____
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled <input type="checkbox"/> Other _____		

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)

Name Richard M. Gorrell	Title Manager, Registrations	Telephone No. (Include Area Code) (919) 549-2423
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Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped)
2. Signature 	3. Title Manager, Registrations	
4. Typed Name Richard M. Gorrell	5. Date January 2, 2006	

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ARMADATM 50 WP

For control of certain foliar, stem, and root diseases of turfgrass including institutional, commercial and residential lawns, sod farms, sports fields, parks, municipal grounds and cemeteries, and for control of foliar and stem diseases of ornamentals and fruit trees grown in interiorscapes (such as shopping malls, shopping centers, hotel lobbies, etc.), residential and commercial landscapes.

For Professional Use Only.

Active Ingredient:

- Trifloxystrobin (CAS No. 141517-21-7).....8.33%
- Triadimefon (CAS No. 43121-43-3).....41.67%

Other Ingredients:.....50.00%

Total:.....100.00%

EPA Reg. No. 432-1412

EPA Est. No. _____

KEEP OUT OF REACH OF CHILDREN.

CAUTION

FIRST AID

If in eyes	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15 to 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 to 20 minutes. • Call a poison control center or doctor for treatment advice.
If swallowed	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by a poison control center or doctor. • Do not give anything by mouth to an unconscious person.
If 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.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-334-7577 for emergency medical treatment.

Note to Physician: If ingested, induce emesis or lavage stomach. Treat symptomatically.

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PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Causes moderate eye irritation. Harmful if swallowed, inhaled, or absorbed through the skin. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Avoid breathing dust or spray mist. Avoid contact with eyes, skin, or clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

Personal Protective Equipment

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material.
- Shoes plus socks

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions exist for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

Engineering Control Statements

When handlers use closed systems, enclosed cabs, or aircraft 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:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove and wash contaminated clothing before reuse.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic invertebrates. Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Drift and runoff may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment wash water or rinsate.

Ground Water Advisory

The active ingredients in this product have properties and characteristics associated with chemicals detected in ground water. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow may result in ground water contamination.

Do not make applications when weather conditions favor drift from target area.

PHYSICAL OR CHEMICAL HAZARDS

Do not use, pour, spill, or store near heat or open flame.

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 12 hours.

Exception: If the product is applied by drenching, 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
- Chemical-resistant gloves made of any waterproof material.
- Shoes plus socks

S/D

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Do not enter treated areas without protective clothing until sprays have dried.

Do not apply by aerial application in the State of New York.

GENERAL INFORMATION

Mixing Procedures

Prepare no more spray mixture than is needed for the immediate operation. Thoroughly clean spray equipment before using this product. Agitation is necessary for proper dispersal of the product. Maintain agitation throughout the spraying operation. Do not let the spray mixture stand overnight in the spray tank. Flush the spray equipment thoroughly following each use and apply the rinsate to a previously treated area.

Mixing Procedures (Water Soluble Packets)

The enclosed packets containing ARMADA are water soluble. Do not allow packets to become wet prior to adding to the spray tank. Do not handle with wet hands. Reseal outer carton/container to protect remaining packets.

To prepare the spray mixture, drop the required number of unopened packets, as determined under "Recommended Applications", into the spray tank while filling the water to the desired level. Operate the agitator while mixing. Depending on the water temperature and the degree of agitation, the packets should be completely dissolved within a few minutes from the time they were added to the water.

Attention: Do not use ARMADA water soluble packets in a tank-mix with products that contain boron or release free chlorine. The resultant reaction of PVA and boron or free chlorine is a plastic, which is not soluble in water or solvents such as diesel oils, kerosene, gasoline or alcohol. Use of chlorinated water is acceptable. Do not attempt to use the PVA packets directly in liquid fertilizer, diesel oils or summer spray type oils as in ULV or LV uses. PVA Packets are water soluble not fertilizer or oil soluble. If liquid fertilizer or oils are to be added to the mix water, add ARMADA packets first and wait until they are dissolved before adding liquid fertilizer or oil.

ARMADA Alone: Add 1/2 of the required water to the mix tank. With the agitator running, add the required number of ARMADA packets to the tank. Continue agitation while adding the remainder of the water. Begin application of the solution after ARMADA packets have completely dissolved and dispersed into the mix water. Maintain agitation until all of the mixture has been applied.

ARMADA + Tank Mixtures: Add 1/2 of the required amount of water to the tank mix. Start the agitation running before adding ARMADA Fungicide water soluble packets and any tank mix partner(s). In general, tank mix partners should be added in this order: (1) products packaged in water soluble packaging (such as ARMADA), wettable powders, wettable granules (dry flowables); (2) liquid flowables, liquids; and (3) emulsifiable concentrates. Always allow each tank mix partner to become fully dispersed before adding the next product. Provide sufficient agitation while adding the remainder of the water. Maintain agitation until all of the mixture has been applied.

Note: When using ARMADA in tank mixes, all products in water soluble packaging (including ARMADA) should be added to the tank before any other tank mix partner. Allow the water soluble packaging to completely dissolve and the product(s) to completely disperse before adding any other tank mix partner to the tank.

If using ARMADA in a tank mixture, observe all directions for use, crop/sites, use rates, dilution ratios, precautions, and limitations that appear on the tank mix product label. No label dosage rate should be exceeded, and the most restrictive label precautions and limitations should be followed. This product should not be mixed with any product that prohibits such mixing. Tank mixtures or other applications of products referenced on this label are permitted only in those states in which the referenced products are labeled.

ARMADA is compatible with most insecticide, fungicide, and foliar nutrient products. However, the compatibility of ARMADA with tank mix partners should be tested before use.

To determine biological compatibility with other products, mix the products in the desired proportions, spray on target plants and observe for phytotoxicity seven days after the application.

Observe all directions, precautions, and limitations on labeling of all products used in tank mixes. Tank mixtures or other applications of products referenced on this label are permitted only in those states in which the referenced products are registered.

Use with additives: Use of spray additives are not required. Any spray additive should be evaluated prior to use. Do not use in conjunction with organosilicate-based products, or plant injury may occur. Label directions are based on data with no additives.

Chemigation: Do not apply this product through any type of irrigation system.

Resistance Management: ARMADA contains the strobilurin class of chemistry, which exhibits no known cross-resistance to other chemical classes including sterol inhibitors, dicarboximides, benzimidazoles, anilinopyrimidines, or phenylamides. However, certain fungal pathogens are known to develop resistance to products used repeatedly. Because resistance development cannot be predicted, the use of this product should conform to resistance management strategies. Such strategies may include rotating and/or tank mixing with products having different modes of action; or limiting the total number of applications per season. Bayer encourages responsible

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product stewardship to ensure effective long-term control of the fungal diseases on this label. See specific recommendations in the turf section and the ornamentals section.

TURFGRASS DISEASE CONTROL

ARMADA is a preventive and curative fungicide that may be applied to turf sites including golf courses, institutional, commercial and residential lawns, sod farms, sports fields, parks, municipal grounds and cemeteries.

ARMADA is a broad spectrum fungicide for the control of dollar spot (*Sclerotinia homoeocarpa*), brown patch (*Rhizoctonia solani*), anthracnose (*Colletotrichum graminicola*), red thread (*Corticium fuciforme*), pink patch (*Limonomyces roseipellis*), leaf spot (*Bipolaris* spp., *Drechslera* spp.), gray leaf spot (*Pyricularia grisea*), rust (*Puccinia* spp.), pink snowmold (*Microdochium nivale*), fusarium patch (*Fusarium nivale*), southern blight (*Sclerotium rolfsii*), stripe smut (*Ustilago striiformis*), rapid blight, and summer patch (*Magnaporthe poae*). When conditions are favorable for Pythium blight (*Pythium* spp.), mix a Pythium control fungicide with ARMADA.

1. FUNGICIDES SUCH AS ARMADA ARE BEST USED IN A PREVENTIVE DISEASE CONTROL PROGRAM. CURATIVE APPLICATIONS CAN BE MADE FOR CERTAIN DISEASES.
2. It is recommended to apply in 1-2 gals. of water per 1,000 sq. ft. to ensure thorough coverage. For soil-borne diseases, such as summer patch and take-all patch, use sufficient water to reach the crown and upper root zone, or irrigate immediately after application with sufficient water to move the active ingredient down into the crown and root zone of the turf.
3. Apply after mowing OR allow sprayed area to completely dry before mowing.
4. For control of both foliar and soil-borne diseases, allow sprayed area to completely dry before irrigation.
5. Under conditions optimum for high disease pressure, use the higher rate and the shorter interval.
6. For optimum turf quality and disease control, use ARMADA in conjunction with turf management practices that promote good health and optimum disease control.
7. Before use of any fungicide, proper diagnosis of the organism causing the disease is important. Use of diagnostic kits or other means of identification of the disease organism is essential to determine the best control measures.

Tank Mixes

For more broad-spectrum control ARMADA can be tank mixed with other fungicides. Check compatibility before tank mixing.

ARMADA CAN BE APPLIED TO ALL MAJOR TURFGRASS SPECIES. RATES ARE DEPENDENT UPON DISEASE AND THE ORGANISM THAT IT IS INCITED BY.

Resistance Management for Turfgrass

Do not apply more than 2 sequential ARMADA fungicide applications for gray leaf spot control. Do not apply more than 3 sequential applications of ARMADA fungicide for all other diseases. Alternate with a fungicide having a different mode of action.

Turfgrass Diseases Controlled with ARMADA			
Disease	ARMADA	OZ OF ARMADA 50 WP PER 1000 SQ. FT.	Application Interval/Timing
Dollar Spot	Apply when conditions are favorable for disease development.	0.6-1.5	14-28 days
Brown Patch	Apply when conditions are favorable for disease development.	0.6-1.5	14-28 days
Leaf Spot	Apply when conditions are favorable for disease development.	0.6	14 days
	For curative applications.	1.2-1.5	21-28 days
Anthracnose	Apply when conditions are favorable for disease development.	0.6-1.5	14-28 days
Summer Patch	Make initial application when the soil temperatures reach 65°F. Subsequent applications at 21-28 day interval. Do not make more than 3 sequential applications.	1.2-1.5	21-28 days
Gray Leaf Spot and Rapid Blight	Apply when conditions are favorable for disease development. For best results on Rapid Blight apply ARMADA at the highest rate.	0.6-1.5	14-28 days
Red Thread, Pink Patch	Apply when conditions are favorable for disease development.	0.6-1.5	14-28 days
Rust	Apply when conditions are favorable for disease development.	0.6-1.5	14-28 days

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Southern Blight	Preventive applications only	0.6-1.5	Repeat at 14-day intervals.
Stripe Smut	Make the first application in the spring just before the turf breaks dormancy followed by a second application just prior to the summer heat stress period and a third application when the cool nighttime temperatures of the late summer or early fall return.	0.6	3 applications/season Spring, Early Summer, and Early Fall
Fusarium Patch	Apply when conditions are favorable for disease development.	1.2-1.5	Fall-Early Spring
Pink Snow Mold	Apply one application in late fall before snow cover or early spring after snow melts. Do not apply on top of snow.	1.2-1.5	Late Fall
Take-All Patch	Apply 1 to 2 applications preventatively.	1.2-1.5	28 days
Necrotic Ring Spot	Apply 1 to 2 applications preventatively.	1.2-1.5	28 days

For preventive applications apply when conditions are favorable for disease. Use the higher rate/shorter interval for curative applications or under severe disease conditions.

Use Rate - ARMADA 50WP Turf oz/1,000 ft ²	Area Covered (square feet)	
	3 oz PVA Packet	9 oz PVA Packet
0.6	5,000 sq. ft.	15,000 sq. ft.
1.2	2,500 sq. ft.	7,500 sq. ft.
1.5	2,000 sq. ft.	6,000 sq. ft.

Maximum Use Rates

For turfgrass, up to 207.1 oz. of ARMADA can be applied per acre per year.

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ORNAMENTAL DISEASE CONTROL

ARMADA is a broad-spectrum fungicide for the control of certain foliar and stem diseases of ornamentals grown in interiorscapes (such as shopping malls, shopping centers, hotel lobbies, etc.) and residential and commercial landscapes.

Foliar Diseases: ARMADA will control foliar diseases of ornamental plants when applied as a foliar spray to the plant species listed below. Apply 3 to 9 oz ARMADA per 100 gallons of spray solution. Apply as a full-coverage spray to the point of drip and repeat at 14 to 28 day intervals until the threat of disease is over. Begin applications when conditions are favorable for disease development and continue until the threat of disease is over. Use higher rates or shorter intervals under high disease pressure.

Spray Additives: Use of spray additives such as spreaders, stickers, extenders, trace elements or fertilizers should be evaluated prior to use. The label directions given here are based on data obtained with no additives; use of any product with Armada may affect the result.

Plants		
Flowering and Foliage Plants	Ornamental Shrubs, Trees, and Fruit Trees	Shade Trees
Ageratum	Amelanchier	Ash
Aster	Apple (non-bearing)	Aspen
Begonia	Azalea	Birch
Calendula	Barberry	Buckeye
Canna	Buckthorn	Chestnut
Camation	Camellia	Cottonwood
Chrysanthemum	Cedar	Elm
Cineraria	Cherry(non-bearing)	Fir
Crassula	Crabapple	Locust
Dahlia	Crape myrtle	Maple
Daisy	Cypress, Leyland	Oak
Delphinium	Dogwood	Pine
Dianthus	Euonymus	Poplar
Four O'Clock	Gardenia	Russian Olive
Geranium	Hawthorn	Sycamore
Gerbera	Hemlock	Walnut
Grape Leaf Ivy	Holly	Willow
Hollyhock	Juniper	
Hydrangea	Leucothoe	
Iris	Lilac	
Kalanchoe	Mock-Orange	
Marigold	Mountain Laurel	
Nephthytis	Ninebark	
Pansy	Paulownia	
Petunia	Pear (non-bearing)	
Phlox	Photinia	
Poinsettia	Pittosporum	
Rose	Plum (non-bearing)	
Salvia	Potentilla	
Sedum	Privet	
Snapdragon	Pyracantha	
Sunflowers	Rhododendron	
Zinnia	Spirea	
	Viburnam	
	Vitex	

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Common and scientific names of diseases controlled by ARMADA.

Common Name	Scientific Name
Anthracnose	<i>Apiognomonina veneta</i> <i>Colletotrichum gloeosporioides</i> <i>Discula quercina</i> <i>Gloeosporium aridum</i> <i>Glomerella cingulata</i>
Black spot	<i>Diplocarpon rosae</i>
Downy mildew	<i>Peronospora</i> spp.
Leaf spot	<i>Cercospora</i> spp. <i>Entomosporium</i> spp. <i>Septoria</i> spp.
Powdery mildew	<i>Erysiphe</i> spp. <i>Microsphaera</i> spp. <i>Oidium</i> spp. <i>Podosphaera</i> spp. <i>Sphaerotheca</i> spp. <i>Uncinula</i> spp.
Rust	<i>Coleosporium</i> spp. <i>Gymnosporangium</i> spp. <i>Melampsoridium</i> spp. <i>Phragmidium</i> spp. <i>Puccinia</i> spp. <i>Uromyces</i> spp.
Scab	<i>Cladosporium</i> spp. <i>Venturia inaequalis</i>

Use Rate - ARMADA 50WP Ornamentals oz/100 Gallons	Total Spray Solution (gallons)	
	3 oz PVA Packet	9 oz PVA Packet
3	100 gallons	300 gallons
6	50 gallons	150 gallons
9	33 gallons	100 gallons

Maximum Use Rates in Ornamentals

For ornamental plants do not exceed 207.1 oz. of ARMADA per acre per year

NOTICE TO USER: Plant tolerance to ARMADA has been found to be acceptable on all ornamentals that it has been tested on with the exception of Petunia, Violets, and New Guinea impatiens. Due to the large number of species and varieties of ornamentals plants, it is impossible to test every one for tolerance to ARMADA. Neither the Manufacturer nor the Seller has determined whether or not ARMADA can be used safely on ornamental plants not specified on this label. The professional user should determine if ARMADA can be used safely prior to commercial use. In a small area test the recommended rates on a small number of plants for phytotoxicity prior to widespread use. Before using ARMADA in tank mixture with other products, test the mixture on a small number of plants for phytotoxicity prior to widespread use.

Before using ARMADA on plants that are not listed in the Directions for Use, test ARMADA on a small scale first.

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Resistance Management for Ornamentals

ARMADA contains a modern, site-specific fungicide belonging to the strobilurin class of chemistry. Fungal pathogens are known to develop resistance to fungicides with a specific mode of action. When site-specific fungicides are introduced without a clear resistance management strategy, resistance development may be rapid, particularly with greenhouse use.

ARMADA exhibits cross-resistance to other strobilurins and fungicides within the Strobilurin Type Action and Resistance group (STAR compounds), but there is no known cross-resistance to fungicides of other classes including sterol inhibitors, dicarboximides, benzimidazoles, anilinopyrimidines, phenylpyrroles, or phenylamides.

Many fungi which attack ornamentals and flowering plants including Botrytis and powdery mildews have a history of fungicide resistance development. Because resistance development cannot be predicted, implementation of suitable strategies to manage the resistance risk to ARMADA is needed. To minimize the risk of resistance development to ARMADA, the following practices are recommended.

1. Use ARMADA preventively.
2. For Leaf Spots and diseases other than Powdery Mildew, Downy Mildew, and Botrytis:
 - Use no more than two (2) applications of ARMADA before rotating to another effective product that is not in the strobilurin class of chemistry for two (2) applications before rotating back to ARMADA.

OR

 - Rotate to another fungicide of nonstrobilurin chemistry after each ARMADA application.
3. For Powdery Mildew, Downy Mildew, and Botrytis:
 - Between each ARMADA application, make two (2) applications of a fungicide of nonstrobilurin chemistry before rotating back to ARMADA.

OR

 - Rotate to another fungicide of nonstrobilurin chemistry after each ARMADA application.
4. Make no more than four (4) foliar applications of ARMADA per season for each at risk pathogen.

Restrictions

1. For ground application, a minimum of 50 gals./A is recommended.
2. For aerial application, a minimum of 10 gals./A is recommended.
3. To avoid spray drift, do not apply when conditions favor drift beyond the target area. Avoid spray overlap.
4. For information on spray equipment and calibration, consult sprayer manufacturers and state recommendations. For specific local directions and spray schedules, consult the current state agricultural experiment station recommendations.
5. Use of spray additives are not required. Any spray additive should be evaluated prior to use. Do not use in conjunction with organosilicate-based products, or plant injury may occur. Label directions are based on data with no additives.

STORAGE AND DISPOSAL

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

Pesticide Storage: Store in a cool, dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food, and feed. Store in original container and out of the reach of children, preferably in a locked storage area.

Handle and open container in a manner as to prevent spillage. If the container is leaking or material spilled for any reason or cause, carefully sweep material into a pile. Refer to Precautionary Statements on label for hazards associated with the handling of this material. Do not walk through spilled material. Dispose of pesticide as directed below. In spill or leak incidents, keep unauthorized people away. You may contact the Bayer Emergency Response Team for decontamination procedures or any other assistance that may be necessary. The Bayer Kansas City Emergency Response Telephone No. is 800-414-0244 or contact Chemtrec at 800-424-9300.

Pesticide Disposal: Pesticide wastes may be toxic. Improper disposal of unused pesticide, spray mixture, or rinse water is a violation of federal law. If these wastes cannot be used according to label instruction, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance in proper disposal methods.

Container Disposal: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

IMPORTANT: READ BEFORE USE

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.

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By using this product, user or buyer accepts the following Conditions, 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. 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 LP. All such risks shall be assumed by the user or buyer

DISCLAIMER OF WARRANTIES: TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BAYER CROPSCIENCE LP MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY. No agent of Bayer CropScience LP 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 LP DISCLAIMS ANY LIABILITY WHATSOEVER FOR CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES RESULTING FROM THE USE, HANDLING, OR APPLICATION 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 LP'S ELECTION, THE REPLACEMENT OF PRODUCT.

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Net Contents _____

ARMADA is a trademark of Bayer

Produced for



Bayer Environmental Science

**A Business Group of Bayer CropScience LP
Bayer Environmental Science
P.O. Box 12014, 2 T.W. Alexander Drive
Research Triangle Park, North Carolina 27709**

Armada 50 WP (MASTER) EPA 10-04-06, Notification 10/31/06.

Bayer Environmental Science



January 2, 2007

EPA07RMG0102ArmadaOmNotifMix
Fedex

Mr. Tony Kish
U.S. Environmental Protection Agency
Office of Pesticide Programs (7504P)
Document Processing Desk (Notif)
Room S-4900, One Potomac Yard
2777 South Crystal Drive
Arlington, VA 22202-4501

NOTIFICATION

JAN 18 2007

RE: Armada 50 WP Fungicide (EPA Reg. No. 432-1412): Notifying the Agency of the removal of duplicate Mixing Instructions

Dear Mr. Kish:

As per our telephone conversation, Bayer Environmental Science (BES) is resubmitting (ref: Notification of November 3, 2006) the label notification for Armada fungicide. This letter is to notify the Agency of the removal of the duplicate mixing instructions under General Information section. Armada is packaged only as water soluble packaging. There is no need for mixing instructions for a wettable powder.

Bayer Environmental Science
2 T.W. Alexander Drive
RTP, NC 27709
Phone : 919.549.2000

The following documents are included with this submission:

- 8570-1 Application Form
- Copy of the Final Print Label

If you have any questions, contact me at (919) 549-2423 or email me at mike.gorrell@bayercropscience.com.

Sincerely,

Richard M. Gorrell
Manager, Registrations

Cc: Karen Shearer
Scott Welge
David Spak