



U.S. ENVIRONMENTAL PROTECTION AGENCY
 Office of Pesticide Programs
 Registration Division (7505P)
 1200 Pennsylvania Ave., N.W.
 Washington, D.C. 20460

EPA Reg. Number:

86064-6

Date of Issuance:

8/3/18

NOTICE OF PESTICIDE:

Registration
 Reregistration
 (under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

Armor Tech ZOXY 2F

Name and Address of Registrant (include ZIP Code):

United Turf Alliance, LLC
 c/o Pyxis Regulatory Consulting Inc.
 4110 136th St. Ct. NW
 Gig Harbor, WA 98332

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is unconditionally registered in accordance with FIFRA section 3(c)(5) provided that you:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product when the Agency requires all registrants of similar products to submit such data.
2. Make the following label changes before you release the product for shipment:
 - Revise the EPA Registration Number to read, "EPA Reg. No. 86064-6."
3. Submit one copy of the revised final printed label for the record before you release the product for shipment.

Signature of Approving Official:

Shaja B. Joyner, Product Manager 20
 Fungicide-Herbicide Branch
 Registration Division 7505P

Date:

8/3/18

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Please also note that the record for this product currently contains the following CSFs:

- Basic CSF dated 03/23/2018

If you have any questions, please contact BeWanda Alexander by phone at (703)347-0313, or via email at alexander.bewanda@epa.gov.

Enclosure

[Note to reviewer: [Text] in brackets denotes optional text.]

AZOXYSTROBIN | **GROUP** **11** | **FUNGICIDE**

ArmorTech® ZOXY™ 2F

Broad spectrum fungicide for control of plant diseases



ACTIVE INGREDIENT:

Azoxystrobin: methyl (E)-2-[2-[6-(2-cyanophenoxy)pyrimidin-4-yloxy]phenyl]-3-methoxyacrylate* 22.9%

OTHER INGREDIENTS:..... 77.1%

TOTAL:..... 100.0%

*IUPAC

Contains 2.08 lbs. of active ingredient per gallon
Suspension Concentration

KEEP OUT OF REACH OF CHILDREN

CAUTION

FIRST AID	
IF ON SKIN OR CLOTHING:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For medical emergencies call your poison control center at 1-800-222-1222.	

[See [additional] [complete] [First Aid,] Precautionary Statements and Directions For Use inside booklet.]

EPA Reg. No. 86064-xx

EPA Est. No.

NET CONTENTS:_____gallons

Manufactured For:
United Turf Alliance, LLC
8014 Cumming Highway,
Suite 403-282
Canton, GA 30115

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION

Harmful if absorbed through skin. 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)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material such as polyvinyl chloride, nitrile rubber or butyl rubber
- Shoes plus socks

USER SAFETY REQUIREMENTS

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

ENGINEERING CONTROLS

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.

IMPORTANT: When reduced PPE is worn because a closed system is being used, handlers must be provided all PPE specified above for "applicators and other handlers" and have such PPE immediately available for use in an emergency, such as a spill or equipment breakdown.

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Wash thoroughly with soap and water after handling.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to freshwater and estuarine/marine fish and aquatic invertebrates. Do not apply directly to water except as specified on this label. 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. Drift and runoff may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwater or rinsate.

Ground Water Advisory

Azoxystrobin and a degradate of azoxystrobin are known to leach through soil to ground water under certain conditions as a result of label use. This chemical may leach into ground water if used in areas where soils are permeable, particularly where the water table is shallow.

Surface Water Advisory

This product may impact surface water quality due to runoff of rain water. This is especially true for poorly draining soils and soils with shallow ground water. This product is classified as having a high potential for reaching surface water via runoff for several months or more after application. A level, well-maintained vegetative buffer strip between areas to which this product is applied and surface water features such as ponds, streams, and springs will reduce the potential loading of azoxystrobin and a degradate of

azoxystrobin from runoff water and sediment. Runoff of this product will be reduced by avoiding applications when rainfall or irrigation is expected to occur within 48 hours.

Notify State and/or Federal authorities and United Turf Alliance, LLC immediately if you observe any adverse environmental effects due to use of this product.

Physical or Chemical Hazards

Do not mix or allow coming into contact with oxidizing agent. 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.

Use of ArmorTech® ZOXY™ 2F through air blast application equipment on grapes is prohibited in the following townships and boroughs of Erie County, Pennsylvania: North East, Harborcreek, Lawrence Park, Erie, Presque Isle, Millcreek, Fairview, Girard, and Springfield.

This prohibition is intended to help eliminate phytotoxicity problems with apples observed in this geographic location.

FAILURE TO FOLLOW THE USE DIRECTIONS AND PRECAUTIONS ON THIS LABEL MAY RESULT IN PLANT INJURY OR POOR DISEASE CONTROL.

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), notification to workers, 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 4 hours.

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 such as polyvinyl chloride, nitrile rubber or butyl rubber
- Shoes plus socks

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. The area being treated must be vacated by unprotected persons.

Do not treat areas while unprotected humans or domestic animals are present in the treatment areas. Because certain states may require more restrictive reentry intervals, consult your State Department of Agriculture for further information.

Do not allow entry into treatment area until area that was treated with this product is dry.

Resistance Management

For resistance management, ArmorTech ZOXY 2F contains a Group 11 fungicide. Any fungal population may contain individuals naturally resistant to ArmorTech ZOXY 2F and other Group 11 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.

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

- Rotate the use of ArmorTech ZOXY 2F or other Group 11 fungicides within a growing season sequence with different groups that control the same pathogens.
- Use tank mixtures with fungicides from a different group that are equally effective on the target pest when such use is permitted. Use at least the minimum application rate as labeled by the manufacturer.
- Adopt an integrated disease management program for fungicide use that includes scouting, uses historical information related to pesticide use, and crop rotation, and which considers host plant resistance, impact of environmental conditions on disease development, disease thresholds, as well as cultural, biological and other chemical control practices.
- Where possible, make use of predictive disease models to effectively time fungicide/bactericide applications. Note that using predictive models alone is not sufficient to manage resistance.
- Monitor treated fungal populations for resistance development.
- Contact your local extension specialist or certified crop advisor for any additional pesticide resistance-management and/or IPM recommendations for specific crops and pathogens.
- For further information or to report suspected resistance contact United Turf Alliance, LLC at www.utaarmortech.com. You can also contact our pesticide distributor or university extension specialist to report resistance.

Some turf disease pathogens are known to have developed resistance to products used repeatedly for their control. ArmorTech ZOXY 2F must be applied in a tank mix or alternation program with other registered fungicides that have a different mode of action and to which pathogen resistance has not developed. Do not apply more than two sequential ArmorTech ZOXY 2F applications for *Pythium* spp. control. For all other diseases when *Pythium* spp. is not present, do not apply more than three sequential applications of ArmorTech ZOXY 2F.

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.

Some ornamental disease pathogens are known to have developed resistance to fungicides used repeatedly for their control. Apply ArmorTech ZOXY 2F in an alternation or tank mix program with other registered fungicides that have a different mode of action and to which pathogen resistance has not developed. Do not make more than three (3) sequential applications of ArmorTech ZOXY 2F before alternating with a fungicide of a different mode of action. A sound resistance management program includes blocks of three ArmorTech ZOXY 2F applications separated by blocks of two alternate fungicide applications. Do not alternate ArmorTech ZOXY 2F with other strobilurin fungicides.

TURF

Golf course turf (not for use in California). Commercial turf farms (not for use in California).

ArmorTech ZOXY 2F is for control of anthracnose, brown patch, cool weather brown patch (yellow patch), Fusarium patch, gray leaf spot, gray snow mold (Typhula blight), leafspot, melting out, necrotic ring spot, pink patch, pink snow mold, Pythium blight, Pythium root rot, red thread, Rhizoctonia large patch, southern blight, spring dead spot, summer patch, take-all patch, and Zoysia patch on golf courses, lawns and landscape areas around residential, institutional, public, commercial and industrial buildings, parks, recreational areas and athletic fields.

Integrated Pest (Disease) Management:

Sound turf management resulting in healthy, vigorous turf is the foundation of a good IPM program. Cultural practices such as proper choice of turf variety, nutrient management, proper cutting height, thatch management, and proper watering, drainage, and moisture stress management should be integrated with the use of fungicides to increase turf vigor and reduce the susceptibility to disease. Immunoassay detection kits and extension service diagnostic services can assist in the early and accurate identification of causal organisms and corresponding selection of the proper fungicide when required.

Application Directions:

ArmorTech ZOXY 2F must be applied prior to disease development. Mix ArmorTech ZOXY 2F with the required amount of water and apply as a dilute spray application in 2-4 gallons of water per 1,000 square feet (87-174 gallons per acre). Repeat applications at specified intervals. For spot treatments, use 0.4 fl. oz. ArmorTech ZOXY 2F per 1 to 2 gallons of water.

Restrictions:

Do not apply more than 9.6 quarts product/acre/year (7.1 fl. oz. product/1,000 square feet/year).

Do not make more than 9 applications per year at the 0.77 fl. oz. product/1,000 square feet rate.

Apply by ground only.

Do not apply more than two sequential applications of ArmorTech ZOXY 2F for control of *Pythium* spp. For all other diseases, do not apply more than four sequential applications of ArmorTech ZOXY 2F.

Rate Ranges:

Use the shortest specified application interval and/or use the higher specified rate when prolonged favorable disease conditions exist.

Dollar Spot:

ArmorTech ZOXY 2F does not control dollar spot. ArmorTech ZOXY 2F is compatible in tank mixes with many other fungicides that control dollar spot. Always tank mix ArmorTech ZOXY 2F with another fungicide that controls dollar spot when this disease is present.

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.

DIRECTIONS FOR APPLICATION FOR TURF DISEASES

Target Diseases	Use Rate (fl. oz. product per 1,000 sq. ft.)	Application Interval (days)	Application Instructions*
Anthracnose (<i>Colletotrichum graminicola</i>)	0.38-0.77	14-28	Apply when conditions are favorable for disease development.
Brown patch (<i>Rhizoctonia solani</i>)	0.38-0.77	14-28	Apply when conditions are favorable for disease development.
Cool weather brown patch Yellow patch (<i>Rhizoctonia cerealis</i>)	0.38-0.77	28	Make one or two applications in fall or when conditions are favorable for disease development.

Target Diseases	Use Rate (fl. oz. product per 1,000 sq. ft.)	Application Interval (days)	Application Instructions*
Fusarium patch (<i>Microdochium nivale</i>)	0.38-0.77	14-28	Apply when conditions are favorable for disease development.
Gray leaf spot (<i>Pyricularia grisea</i>)	0.38-0.77	14-28	Begin applications before disease is present and continue applications while conditions are favorable for disease development.
Gray snow mold Typhula blight (<i>Typhula incarnata</i> , <i>T. ishikariensis</i>)	1.35-0.77	Single application 14	Make a single application of 1.35 fl. oz. or two applications of 0.77 spaced 14 days apart in late fall just before snow cover. Tank mixing with another snow mold fungicide may enhance control under severe disease pressure.
Leaf spot (<i>Bipolaris sorokiniana</i>)	0.38-0.77	14-21	Apply when conditions are favorable for disease development.
Melting out (<i>Drechslera poae</i>)	0.38-0.77	14-21	Apply when conditions are favorable for disease development.
Necrotic ring spot (<i>Leptosphaeria korrae</i>)	0.38-0.77	14-28	Apply when conditions are favorable for disease development.
Pink patch (<i>Limonomyces roseipellis</i>)	0.38-0.77	14-28	Apply when conditions are favorable for disease development.
Pink snow mold (<i>Microdochium nivale</i>)	1.35-0.77	Single application 14	Make a single application of 1.35 fl. oz. or two applications of 0.77 spaced 14 days apart in late fall just before snow cover. Tank mixing with another snow mold fungicide may enhance control under severe disease pressure.
Pythium blight Pythium root rot (<i>Pythium aphanidermatum</i> , <i>Pythium</i> spp.)	0.38-0.77	10-14	Begin applications before disease is present. During periods of prolonged favorable conditions, treat on the 10 day application interval. For use on newly seeded as well as established turf.
Red thread (<i>Laetisaria fuciformis</i>)	0.38-0.77	14-28	Apply when conditions are favorable for disease development.
Rhizoctonia large patch (<i>Rhizoctonia solani</i>)	0.38-0.77	28	Make one or two applications in fall or when conditions are favorable for disease development.
Southern blight (<i>Sclerotium rolfsii</i>)	0.38-0.77	14-28	Apply when conditions are favorable for disease development.
Spring dead spot (<i>Leptosphaeria korrae</i>) or (<i>Gaeumannomyces graminis</i> var. <i>graminis</i>) or (<i>Ophiosphaerella</i> <i>herpotricha</i>)	0.38-0.77	28	Make one or two applications in fall or when conditions are favorable for disease development.
Summer patch (<i>Magnaporthe poae</i>)	0.38-0.77	14-28	Apply when conditions are favorable for disease development.
Take-all patch (<i>Gaeumannomyces graminis</i> var. <i>avenae</i>)	0.38-0.77	28	Make two applications 28 days apart in the spring and two applications 28 days apart in the fall.

Target Diseases	Use Rate (fl. oz. product per 1,000 sq. ft.)	Application Interval (days)	Application Instructions*
Zoysia patch (<i>Rhizoctonia solani</i> and/or <i>Gaeumannomyces incrustana</i>)	0.38-0.77	28	Make one or two applications in late fall before snow cover or when conditions are favorable for disease development. Do not apply on top of snow.

*Do not apply more than two sequential applications of ArmorTech ZOXY 2F for control of *Pythium* spp. For all other diseases, do not apply more than four sequential applications of ArmorTech ZOXY 2F.

ArmorTech ZOXY 2F Rate Conversion Chart for Turf

Fluid Ounces Product Per 1,000 Sq. Ft.	Ounces A.I. Per 1,000 Sq. Ft.	Fluid Ounces Product Per Acre	Pints of Product Per Acre
0.4	0.104	17.4	1.1
0.5	0.130	21.8	1.4
0.6	0.156	26.1	1.6
0.7	0.182	30.5	1.9
0.77	0.200	33.5	2.1
1.35	0.35	58.8	3.7

Amount of ArmorTech ZOXY 2F to Mix 100 Gallons for Turf Applications

Spray Volume (gallons/1,000 square feet)			
ArmorTech ZOXY 2F Use Rate (fl. oz.)	2.0 gals. (fl. oz.)	3.0 gals. (fl. oz.)	4.0 gals. (fl. oz.)
0.4	20	13	10
0.5	25	17	13
0.6	30	20	15
0.7	35	23	18
0.77	38.5	25.7	19.3
1.35	67.5	45	33.75

ORNAMENTALS

ArmorTech ZOXY 2F controls certain pathogens causing foliar, aerial, and root diseases, including leaf, tip, and flower blights, leaf spots, downy mildew, powdery mildew, anthracnose, and rusts of ornamental plants. ArmorTech ZOXY 2F controls certain diseases of container, bench, fiat, plug, bed or field-grown ornamentals in greenhouses, shade-houses, outdoor nurseries, retail nurseries, and other landscape areas.

INTEGRATED PEST (DISEASE) MANAGEMENT

Integrate ArmorTech ZOXY 2F into an overall disease management strategy that includes selection of varieties with disease tolerance, optimum plant populations, proper fertilization, winter and/or spring pruning, plant residue management and proper timing and placement of irrigation. Immunoassay detection kits and diagnostic services can assist in the early and accurate identification of causal organisms and corresponding selection of the proper fungicide when required.

APPLICATION DIRECTIONS

Apply ArmorTech ZOXY 2F as a broadcast or banded spray targeted at the foliage or crown of the plant. Apply to runoff in sufficient water to ensure complete coverage of the target plant. Good coverage and wetting of foliage is necessary for best control. Refer to the label for specific use directions for control of certain diseases. Repeat applications at specified intervals (plus alternations for resistance management) for as long as required. Applications may be made by ground only.

Start ArmorTech ZOXY 2F applications prior to disease development and continue throughout the year at specified intervals following resistance management guidelines. ArmorTech ZOXY 2F works best when used as part of a preventative disease management program.

Use only surfactants approved for ornamental plants in combination with ArmorTech ZOXY 2F. Do not use silicone based products with ArmorTech ZOXY 2F due to possible phytotoxicity. Always test tank mixes on a small group of representative plants prior to broadscale use.

APPLICATION INSTRUCTIONS

Apply 1.9 - 7.7 fl. oz./100 gallons (0.95 - 3.85 fl. oz./50 gallons) ArmorTech ZOXY 2F every 7-28 days (or as otherwise specified for a specific plant or disease). The addition of a non-silicone based wetter-sticker at the specified use rate may enhance coverage on hard-to-wet plant foliage.

Under most conditions and for most diseases, apply 3.85 - 7.7 fl. oz./100 gallons (1.9 - 3.85 fl. oz./50 gallons) on a 7-14 day interval.

Under light to moderate disease pressure, use the lower rates within the specified rate range (1.9 - 3.85 fl. oz./100 gallons, or 0.95 - 1.9 fl. oz./50 gallons) on a 7-14 day interval or the higher rates within the specified rate range (5.75 - 7.7 fl. oz./100 or 2.85 - 3.85 fl. oz./50 gallons) on a 14-28 day interval.

Under environmental conditions which promote severe disease development, use the higher rates within the specified rate range (5.75 - 7.7 oz./100 gallons or 2.85 - 3.85 fl. oz./50 gallons) on a 7-14 day interval.

Precaution: Using ArmorTech ZOXY 2F as a "rescue" (late curative or eradicator) treatment will not always result in satisfactory disease control.

Restrictions:

Do not exceed 2.4 gallons of product/crop acre/year or 8 applications/crop/year.

Do not exceed 600 gallons spray volume per acre for foliar applications. For drench and crown applications, do not exceed 2 pints volume per square foot.

In addition, do not tank mix ArmorTech ZOXY 2F with other fungicides, insecticides, herbicides, fertilizers, adjuvants, etc., unless local experience indicates that the tank mix is safe to ornamental plants.

DRENCH APPLICATION

Apply ArmorTech ZOXY 2F to control soilborne, seedling, and crown diseases of production ornamentals (greenhouse, shadehouse, and container grown) as a preventative, drench treatment prior to infection. Good coverage of the pre-infection area (root zone, root ball, crown, etc.) is necessary for satisfactory control. Drench apply ArmorTech ZOXY 2F to container grown ornamentals using 0.38 - 1.75 fl. oz./100 gallons of water. Apply 1-2 pints of the solution per square foot surface area on a 7-28 day interval. Apply drench prior to infection as healthy roots are necessary to optimize product uptake, systemic translocation and disease protection.

For resistance management do not make more than three sequential drench applications of ArmorTech ZOXY 2F before alternating with a fungicide of a different mode of action.

Caution must be taken before making application of ArmorTech ZOXY 2F as a drench to small bedding plants in the seedling/plug stage due to possible phytotoxicity. A limited quantity of plants should be tested prior to full-scale application.

DRIP IRRIGATION

Apply ArmorTech ZOXY 2F through drip irrigation systems to potted ornamentals or to bedded, field grown ornamentals for soil-borne disease control. Apply 3.85 - 30.75 fl. oz. ArmorTech ZOXY 2F per acre as a preventative disease application. The soil or potting media should have adequate moisture capacity prior to drip application.

Terminate drip irrigation at fungicide depletion from the main feed supply tank or after 6 hours from start, whichever is shorter. For maximum efficacy, subsequent irrigation (water only) should be delayed for at least for 24 hours following drip application.

ORNAMENTAL USE RESTRICTIONS

- Do not apply ArmorTech ZOXY 2F to apple or cherry trees (Flowering, Yoshino variety) due to possible phytotoxicity.
- Do not use spray equipment that has applied ArmorTech ZOXY 2F for use in these sensitive crops due to possible phytotoxicity from residue remaining in the sprayer.

Apply ArmorTech ZOXY 2F to certain varieties of crabapple for control of apple scab. ArmorTech ZOXY 2F is safer when applied to the species and varieties listed in Table 4. However, due to the large number of genera, species, and varieties of crabapple, it is impossible to test every one for tolerance to ArmorTech ZOXY 2F. The professional user must conduct small scale testing to insure plant safety prior to broadscale commercial use on plant genera and species not listed on this label.

TABLE 1: DISEASES CONTROLLED

When used in accordance with the label directions, ArmorTech ZOXY 2F will provide control of the following diseases of ornamental plants:

DISEASE (Pathogen)	Use Rates and Application Instructions	
	8 oz. and larger containers (fl. oz. product per 100 gallons)	4 oz. containers (fl. oz. product per 50 gallons)
1. CONIFER BLIGHTS		
a. Phomopsis Blight (<i>Phomopsis juniperovora</i>)	Apply 1.9 - 7.7 fl. oz. every 7-28 days.	Apply 0.95 - 3.85 fl. oz. every 7-28 days.
b. Tip Blight (<i>Sirococcus strobilinus</i>)	Apply 1.9 - 7.7 fl. oz. every 7-28 days.	Apply 0.95 - 3.85 fl. oz. every 7-28 days.
2. LEAF BLIGHTS/LEAF SPOTS		
a. Alternaria Leaf Spot (<i>Alternaria</i> spp.)	Apply 1.9 - 7.7 fl. oz. every 7-28 days.	Apply 0.95 - 3.85 fl. oz. every 7-28 days.
b. Anthracnose (<i>Colletotrichum</i> spp., <i>Elsinoespp.</i>)	Apply 1.9 - 7.7 fl. oz. every 7-28 days.	Apply 0.95 - 3.85 fl. oz. every 7-28 days.
c. Downy Mildew of Rose (<i>Peronospora sparsa</i>)	Apply 3.85 - 7.7 fl. oz. every 7-21 days during periods of active plant growth and prior to dormancy or severe infection.	Apply 1.9 - 3.85 fl. oz. every 7-21 days during periods of active plant growth and prior to dormancy or severe infection.
d. Entomosporium Leaf Spot (<i>Entomosporium mespili</i>)	Apply 1.9 - 7.7 fl. oz. every 7-28 days.	Apply 0.95 - 3.85 fl. oz. every 7-28 days.
e. Iris Leaf Spot (<i>Mycosphaerella macrospora</i>)	Apply 3.85 - 7.7 fl. oz. every 7-21 days.	Apply 1.9 - 3.85 fl. oz. every 7-21 days.
f. Leaf Spot (<i>Cladosporium echinulatum</i>)	Apply 1.9 - 7.7 fl. oz. every 7-28 days.	Apply 0.95 - 3.85 fl. oz. every 7-28 days.
g. Rose Blackspot (<i>Diplocarpon rosea</i>)	Apply 7.7 - 15.4 fl. oz. every 7-14 days Apply ArmorTech ZOXY 2F on a 7 day interval unless disease pressure is light. Under severe disease conditions or if disease is already present, ArmorTech ZOXY 2F may be tank mixed with another rose blackspot fungicide. Do not exceed 46 fl. oz./acre application	Apply 3.85 - 7.7 fl. oz. every 7-14 days Apply ArmorTech ZOXY 2F on a 7 day interval unless disease pressure is light. Under severe disease conditions or if disease is already present, ArmorTech ZOXY 2F may be tank mixed with another rose blackspot fungicide. Do not exceed 46 fl. oz./acre/application
h. Myrothecium Leaf Spot (<i>Myrothecium</i> spp.)	Apply 3.85 - 7.7 fl. oz. every 7-21 days.	Apply 1.9 - 3.85 fl. oz. every 7-21 days.
i. Downy Mildew of bedding plants (<i>Peronosporasp.</i>)	Apply 1.9 - 7.7 fl. oz. every 7-28 days.	Apply 0.95 - 3.85 fl. oz. every 7-28 days.
j. Scab (<i>Venturia inaequalis</i>)	Apply 1.9 - 7.7 fl. oz. every 10-28 days. Do not apply to apple trees. For crabapples only, see Table 4 for sensitive species.	Apply 0.95 - 3.85 fl. oz. every 10-28 days. Do not apply to apple trees. For crabapples only, see Table 4 for sensitive species.
k. Marssonina Leaf Spot (<i>Marssonina</i> spp.)	Apply 1.9 - 7.7 fl. oz./100 gals. every 14-28 days.	Apply 0.95 - 3.85 fl. oz. every 14-28 days.
l. Cercospora Leaf Spot	Apply 1.9 - 7.7 fl. oz./100 gals. every 7-28 days	Apply 0.95 - 3.85 fl. oz. every 7-28 days.

DISEASE (Pathogen)	Use Rates and Application Instructions	
	8 oz. and larger containers (fl. oz. product per 100 gallons)	4 oz. containers (fl. oz. product per 50 gallons)
3. POWDERY MILDEW		
Preventative applications only. Do not make more than 2 sequential applications before rotating to another class of fungicide.		
a. <i>Erysiphe pannosa</i> , <i>E. spp.</i>	Apply 1.9 - 7.7 fl. oz. every 7-28 days.	Apply 0.95 - 3.85 fl. oz. every 7-28 days.
b. <i>Microsphaera azaleae</i>	Apply 1.9 - 7.7 fl. oz. every 7-28 days.	Apply 0.95 - 3.85 fl. oz. every 7-28 days.
c. <i>Sphaerotheca pannosa</i>	Apply 1.9 - 7.7 fl. oz. every 7-28 days.	Apply 0.95 - 3.85 fl. oz. every 7-28 days.
4. RUSTS		
a. Needle Rust (<i>Melampsora occidentalis</i>)	Apply 1.9 - 7.7 fl. oz. every 7-28 days.	Apply 0.95 - 3.85 fl. oz. every 7-28 days.
b. <i>Phragmidium</i> spp.	Apply 1.9 - 7.7 fl. oz. every 7-28 days.	Apply 0.95 - 3.85 fl. oz. every 7-28 days.
c. <i>Puccinia</i> spp.	Apply 1.9 - 7.7 fl. oz. every 7-28 days.	Apply 0.95 - 3.85 fl. oz. every 7-28 days.
d. <i>Gymnosporangium</i> spp.	Apply 1.9 - 7.7 fl. oz. every 7-28 days.	Apply 0.95 - 3.85 fl. oz. every 7-28 days.
5. FLOWER BLIGHTS		
a. Anthracnose (<i>Colletotrichum</i> spp., <i>Elsinoe</i> spp.)	Apply 1.9 - 7.7 fl. oz. every 7-28 days.	Apply 0.95 - 3.85 fl. oz. every 7-28 days.
b. Botrytis Slight (<i>Botrytis cinerea</i>)	Apply 7.7 - 15.4 fl. oz. every 7-21 days For suppression only. Do not exceed 46 fl. oz./acre	Apply 3.85 - 7.7 fl. oz. every 7-21 days For suppression only. Do not exceed 46 fl. oz./acre
6. SHOOT/STEM DISEASES		
a. Aerial/Shoot Blight (<i>Phytophthora</i> spp.)	Apply 1.9 - 3.85 fl. oz. every 7-28 days.	Apply 0.95 - 1.9 fl. oz. every 7-28 days.
7. SOILBORNE DISEASES (Directed Spray)		
For directed spray applications utilize the following rates below.		
a. <i>Rhizoctonia solani</i>	Apply 1.9 - 7.7 fl. oz. every 7-21 days.	Apply 0.95 - 3.85 fl. oz. every 7-21 days.
b. <i>Sclerotium rolfsii</i>	Apply 1.9 - 7.7 fl. oz. every 7-21 days.	Apply 0.95 - 3.85 fl. oz. every 7-21 days.
c. <i>Rosarium</i> spp.	Apply 1.9 - 7.7 fl. oz. every 7-21 days.	Apply 0.95 - 3.85 fl. oz. every 7-21 days.
8. SOILBORNE DISEASES (Drench)		
See Ornamentals Section for additional drench directions.		
a. <i>Rhizoctonia solani</i>	Apply 0.35 - 1.75 fl. oz., 1-2 pints of the solution per square foot surface area, every 7-28 days.	Apply 0.19 - 0.95 fl. oz., 1-2 pints of the solution per square foot surface area, every 7-28 days.
b. <i>Sclerotium rolfsii</i>	Apply 0.35 - 1.75 fl. oz., 1-2 pints of the solution per square foot surface area, every 7-28 days.	Apply 0.19 - 0.95 fl. oz., 1-2 pints of the solution per square foot surface area, every 7-28 days.
c. <i>Fusarium</i> spp.	Apply 0.35 - 1.75 fl. oz., 1 2 pints of the solution per square foot surface area, every 7-28 days.	Apply 0.19 - 0.95 fl. oz., 1-2 pints of the solution per square foot surface area, every 7-28 days.

PLANT SAFETY

ArmorTech ZOXY 2F is safe when applied to the ornamental plants listed in Tables 2, 3, and 4; however, due to the large number of genera, species and varieties of ornamental and nursery plants, it is impossible to test every one for sensitivity to ArmorTech ZOXY 2F. Neither the manufacturer nor the seller has determined whether or not ArmorTech ZOXY 2F can be used safely on genera, species, or varieties of ornamental and nursery plants not specified on this label. The professional user must conduct small scale testing to insure plant safety prior to broadscale commercial use on plant genera and species not listed in this label.

Do not tank mix ArmorTech ZOXY 2F with other fungicides, insecticides, herbicides, fertilizer, adjuvants, etc., unless local experience indicates that the tank mix is safe to ornamental plants.

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.

Do not apply ArmorTech ZOXY 2F to certain apple, crabapple or cherry trees due to possible phytotoxicity. Further, do not use spray equipment that has applied ArmorTech ZOXY 2F for use in these sensitive crops due to possible phytotoxicity from residue remaining in the sprayer.

Tolerant Ornamental Plants

ArmorTech ZOXY 2F is safe when applied to the plants listed in Tables 2, 3, and 4 when applied according to specified application methods, rates, and timings:

TABLE 2: Tolerant Plants Listed by Botanical Name

BOTANICAL NAME	COMMON NAME	DISEASES
<i>Abelia</i> spp.	Abelia	2
<i>Abies fraseri</i>	Fraser fir	1, 4
<i>Abies procera</i>	Noble fir	1, 4
<i>Acer palmatum</i>	Japanese maple	2
<i>Acer saccharum</i>	Sugar maple	2
<i>Ageratum</i> spp.	Floss-Flower	3, 4
<i>Ageratum</i> spp.	Pussy's-Foot	3, 4
<i>Aglaonema</i> spp.	Chinese evergreen	2, 4
<i>Ajuga reptans</i>	Bugle, Bugleweed	3
<i>Antirrhinum</i> spp.	Snap-Dragon	2i, 3, 4
<i>Antirrhinum</i> spp.	Zebra-Plant	2
<i>Artemisia</i> spp.	Mugwort, Sagebrush	2
<i>Artemisia</i> spp.	Wormwood	2
<i>Aster</i> spp.	Aster, Starwort	4
<i>Aucuba japonica</i>	Japanese aucuba, Japanese laurel	7
<i>Begonia</i> spp. (except Rieger begonia)	Begonia	2, 3
<i>Berberis thunbergii</i>	Barberry	3, 4
<i>Betula nigra</i>	River birch	3, 4
<i>Bougainvillea</i> spp.	Bougainvillea	2
<i>Brassaia actinophylla</i>	Rubber-free, Umbrella-tree	2, 7
<i>Buddleia davidii</i>	Buddleia, Butterfly bush	2
<i>Buxus sempervirens</i>	Boxwood	2, 7a
<i>Caladium</i> spp.	Caladium	7
<i>Camellia japonica</i>	Camellia	2
<i>Caryota urens</i>	Sago palm	2, 7
<i>Catharanthus roseus</i>	Vinca	2
<i>Ceanothus sanguineus</i>	Wild lilac	3
<i>Ceanothus</i> spp.	Ceanothus, California lilac, Snowball	3
<i>Cedrus Atlantica</i>	Atlas cedar	2, 4
<i>Cedrus</i> spp.	White cedar	2, 4
<i>Cercis occidentalis</i>	Western redbud	2
<i>Chamaecyparis</i> spp.	Cypress, Leyland cypress	1
<i>Chamaecyparis pisifera</i> spp.	Sawara cypress	1
<i>Chamaedorea elegans</i>	Parlor palm	7
<i>Chrysanthemum</i> spp.	Chrysanthemums	2, 7c
<i>Clethra alnifolia</i>	Clethra, White alder	2
<i>Cornus</i> spp.	Dogwood, Pink Dogwood, Flowering Dogwood	2b, 3
<i>Cornus florida</i>	Dogwood	2b, 3
<i>Cortaderia selloana</i>	Pampas grass	3
<i>Cotoneaster adpressus</i>	Creeping cotoneaster	7
<i>Cotoneaster horizontalis</i>	Cotoneaster - variegated rockspray	7
<i>Cyclamen</i> spp.	Cyclamen	7c
<i>Cyperus</i> spp.	Cyperus	1
<i>Delphinium</i> spp.	Larkspur	2
<i>Dianthus caryophyllus</i>	Carnation	3, 4
<i>Dianthus</i> spp.	Pink	3, 4
<i>Dieffenbachia</i> spp.	Dumb-Cane	2
<i>Dietes iridoides</i>	African iris, Butterfly iris	4c
<i>Digitalis</i> spp.	Foxglove	2, 3
<i>Epipremnum</i> spp.	Pothos	2
<i>Erica darleyensis</i>	Heather	2
<i>Euonymus alata</i>	Dwarf winged euonymus	2
<i>Euonymus alatus</i>	Burning bush	2
<i>Euonymus japonicus</i>	Evergreen euonymus	2
<i>Euphorbia</i> spp.	Poinsettia	2a
<i>Fatsia japonica</i>	Japanese fatsia, Paper-plant	2
<i>Ficus</i> spp.	Fig	2
<i>Forsythia viridissima</i>	Forsythia	2
<i>Gaillardia</i> spp.	Blanket flower	2
<i>Gardenia jasminoides</i>	Gardenia	3
<i>Geranium</i> spp.	Cranesbill	5b
<i>Gerbera jamesonii</i>	Gerber daisy, Transvaal daisy	3
<i>Hedera Algeriensis</i>	Algerian ivy	2
<i>Hedera helix</i>	English ivy	2

BOTANICAL NAME	COMMON NAME	DISEASES
<i>Hibiscus moscheutos</i>	Hibiscus	2, 3
<i>Hibiscus rosa-sinensis</i>	Hibiscus	2, 3
<i>Hibiscus syriacus</i>	Rose of Sharon	2, 3
<i>Hosta</i> spp.	Hosta	2
<i>Hydrangea macrophylla</i>	French hydrangea	2, 3
<i>Hydrangea</i> spp.	Hydrangea	2, 3
<i>Ilex</i> spp.	Holly, Winterberry, Yaupon	3
<i>Impatiens</i> spp. ¹	Balsam, Impatiens ¹	2a, 7a
<i>Iris xiphium</i>	Iris (bulbous, Spanish, Dutch)	2e
<i>Itea virginica</i>	Virginia willow	3, 4
<i>Juniperus procumbens</i>	Juniper	1a, 4
<i>Juniperus scopulorum</i>	Juniper	1a, 4
<i>Juniperus</i> spp.	Juniper	1a, 4
<i>Juniperus virginiana</i>	Red cedar	1a, 4
<i>Lagerstroemia indica</i>	Crapemyrtle	2, 3
<i>Laurus nobilis</i>	Laurel	3
<i>Lilium</i> spp.	Asiatic lily	2
<i>Liriope muscari</i>	Lily-turf	2
<i>Lobularia maritima</i>	Sweet alyssum	7
<i>Magnolia grandiflora</i>	Southern magnolia	2
<i>Magnolia soulangiana</i>	Saucer magnolia	2
<i>Magnolia</i> spp.	Magnolia	2
<i>Malus</i> spp.	Crabapple (See Table 4 for variety list)	2i
<i>Nandina domestica</i>	Nandina	2
<i>Nerium oleander</i>	Oleander, Rose-bay	2
<i>Pelargonium</i> spp.	Geranium	3, 4, 5b
<i>Pennisetum alopecuroides</i>	Grass	2
<i>Peperomia</i> spp.	Baby rubber-plant	2, 7
<i>Petunia</i> spp.	Petunia	6a
<i>Phalaris</i> spp.	Dwarf pampas grass	3
<i>Philodendron</i> spp.	Philodendron	2j
<i>Phlox</i> spp.	Phlox	3
<i>Phoenix dactylifera</i>	Date palm	2, 7
<i>Phoenix roebelenii</i>	Roebelin's palm	2, 7
<i>Photinia glabra</i>	Red tip photinia	2, 3, 4
<i>Picea abies</i>	Norway spruce	1
<i>Picea glauca</i>	White spruce	1
<i>Picea pungens</i>	Blue spruce	1
<i>Pieris japonica</i>	Japanese andromeda	2, 7
<i>Pinus muhgo</i>	Muhgo pine	1b, 4
<i>Pinus nigra</i>	Black pine	1b, 4
<i>Pinus silvestris</i>	Scotch pine	1, 4
<i>Pinus</i> spp.	Pine	1b, 4
<i>Pinus strobus</i>	Eastern white pine	1b, 4
<i>Pittosporum</i> spp.	Australian laurel	3, 4
<i>Pittosporum tobira</i>	Mock-orange	3, 4
<i>Plectranthus</i> spp.	Swedish ivy, Coleus	2
<i>Populus trichocarpa</i>	Poplar	4
<i>Populus</i> spp.	Aspen Trees	2
<i>Potentilla</i> spp.	Cinquefoil	2
<i>Primula</i> spp.	Primrose	2
<i>Prunus pumila</i>	Cherry	2, 5
<i>Prunus</i> spp.	Flowering plum, Purple-leaf plum	2, 5
<i>Pseudotsuga</i> spp.	Douglas fir	1, 4
<i>Pyrus calleryana</i>	Bradford's pear	3
<i>Quercus falcata</i>	Red oak	2, 3
<i>Quercus palustris</i>	Pin oak	2, 3
<i>Rhaphiolepis indica</i>	Indian hawthorn	2, 3, 4
<i>Rhododendron</i> spp.	Azaleas, Rhododendron	2b, 3, 6, 7
<i>Rhododendron</i> spp.	Glacier Azalea	2b, 3, 6, 7
<i>Rosa</i> spp.	Rose	2a, 2c, 3c, 4b
<i>Rosmarinus</i> spp.	Rosemary (prostrate)	2
<i>Rudbeckia hirta</i>	Black-eyed Susan	2j
<i>Salvia</i> spp.	Sage	3, 4j
<i>Schlumbergera</i>	Holiday cactus	2, 7
<i>Sedum</i> spp.	Orpine, Stonecrop	2
<i>Sempervivum</i> spp.	Live-forever, House-Leek	2
<i>Setaria</i> spp.	Ribbon Grass	2, 3
<i>Spathiphyllum floribundum</i>	Peace lily	2, 7
<i>Spiraea bumalda</i>	Spirea	3

BOTANICAL NAME	COMMON NAME	DISEASES
<i>Spiraea japonica</i>	Spirea	3
<i>Syagrus romanzoffianum</i>	Queen palm	2
<i>Tagetes</i> spp.	Marigold	2a
<i>Taxus baccata</i>	Spreading yew	7
<i>Thuja plicata</i>	Western red cedar	4
<i>Thuja</i> spp.	Arborvitae	2
<i>Thymus serpyllum</i>	Creeping thyme	2
<i>Tsuga heterophylla</i>	Western hemlock	4
<i>Tsuga</i> spp.	Hemlock	4
<i>Verbena</i> spp.	Verbena, Vervain	3
<i>Viburnum</i> spp.	Viburnum	2, 3, 4
<i>Vincas</i> spp.	Periwinkle	2, 6a
<i>Viola</i> spp. ¹	Viola, Pansy ¹	2
<i>Weigela Florida</i>	Pink weigela	2
<i>Yucca</i> spp.	Yucca	7
<i>Zinnia</i> spp.	Zinnia	2a, 3

¹Do not exceed 3.85 fl. oz./100 gallons on these species

TABLE 3: Tolerant Plants Listed by Common Name

COMMON NAME	BOTANICAL NAME
Abelia	<i>Abelia</i> spp.
Andromeda Japanese	<i>Pieris japonica</i>
Arborvitae	<i>Thuja</i> spp.
Aspen Trees	<i>Populus</i> spp.
Aster	<i>Aster</i> spp.
Aucuba, Japanese	<i>Aucuba japonica</i>
Azalea, Glacier	<i>Rhododendron</i> spp.
Azaleas	<i>Rhododendron</i> spp.
Balsam	<i>Impatiens</i> spp.
Barberry	<i>Berberis thunbergii</i>
Begonia (except Rieger begonia)	<i>Begonia</i> spp.
Birch, River	<i>Betula nigra</i>
Black-eyed Susan	<i>Rudbeckia hirta</i>
Blanket Flower	<i>Gaillardia</i> spp.
Bougainvillea	<i>Bougainvillea</i> spp.
Boxwood	<i>Buxus sempervirens</i>
Buddleia	<i>Buddleia davidii</i>
Bugle	<i>Ajuga reptans</i>
Bugleweed	<i>Ajuga reptans</i>
Burning Bush	<i>Euonymus alatus</i>
Butterfly Bush	<i>Buddleia davidii</i>
Cactus, Holiday	<i>Schlumbergera</i>
Caladium	<i>Caladium</i> spp.
Camellia	<i>Camellia japonica</i>
Carnation	<i>Dianthus caryophyllus</i>
Ceanothus	<i>Ceanothus</i> spp.
Cedar, Atlas	<i>Cedrus atlantica</i>
Cedar, Red	<i>Juniperus virginiana</i>
Cedar, Western Red	<i>Thuja plicata</i>
Cedar, White	<i>Cedrus</i> spp.
Cherry	<i>Prunus pumila</i>
Christmas Tree	See Fraser fir, Scotch pine, and Douglas fir
Chrysanthemum	<i>Chrysanthemum</i> spp.
Cinquefoil	<i>Potentilla</i> spp.
Clethra	<i>Clethra alnifolia</i>
Coleus	<i>Plectranthus</i> spp.
Cotoneaster, Creeping	<i>Cotoneaster adpressus</i>
Cotoneaster, Variegated Rockspray	<i>Cotoneaster horizontalis</i>
Crabapple (See Table 4 for variety list)	<i>Malus</i> spp.
Cranesbill	<i>Geranium</i> spp.
Crapemyrtle	<i>Lagerstroemia indica</i>
Cyclamen	<i>Cyclamen</i> spp.
Cyperus	<i>Cyperus</i> spp.
Cypress, Sawara	<i>Chamaecyparis pisifera</i>
Cypress, Leyland	<i>Chamaecyparis</i> spp.
Daisy, Gerber	<i>Gerbera jamesonii</i>
Daisy, Transvaal	<i>Gerbera jamesonii</i>
Dogwood	<i>Cornus</i> spp.
Dogwood	<i>Cornus florida</i>
Dogwood, Pink	<i>Cornus</i> spp.

COMMON NAME	BOTANICAL NAME
Dumb-Cane	<i>Dieffenbachia</i> spp.
Euonymus, Dwarf Winged	<i>Euonymus alata</i>
Euonymus, Evergreen	<i>Euonymus japonicus</i>
Evergreen, Chinese	<i>Aglaonema</i> spp.
Fatsia, Japanese	<i>Fatsia japonica</i>
Fig	<i>Ficus</i> spp.
Fir, Douglas	<i>Pseudotsuga</i> spp.
Fir, Fraser	<i>Abies fraseri</i>
Fir, Noble	<i>Abies procera</i>
Floss-Flower	<i>Ageratum</i> spp.
Forsythia	<i>Forsythia viridissima</i>
Foxglove	<i>Digitalis</i> spp.
Gardenia	<i>Gardenia jasminoides</i>
Geranium	<i>Pelargonium</i> spp.
Grass	<i>Pennisetum alopecuroides</i>
Grass, Dwarf Pampas	<i>Phalaris</i> spp.
Grass, Pampas	<i>Cortaderia selloana</i>
Hawthorn, Indian	<i>Raphiolepis indica</i>
Heather	<i>Erica darleyensis</i>
Hemlock	<i>Tsuga</i> spp.
Hemlock, Western	<i>Tsuga heterophylla</i>
Hibiscus	<i>Hibiscus moscheutos</i>
Hibiscus	<i>Hibiscus rosa-sinensis</i>
Holly	<i>Ilex</i> spp.
Hosta	<i>Hosta</i> spp.
House-Leek	<i>Sempervivum</i> spp.
Hydrangea	<i>Hydrangea</i> spp.
Hydrangea, French	<i>Hydrangea macrophylla</i>
Impatiens ¹	<i>Impatiens</i> spp. ¹
Iris (Bulbous, Spanish, Dutch)	<i>Iris xiphium</i>
Iris, African	<i>Diates iridioides</i>
Iris, Butterfly	<i>Diates iridioides</i>
Ivy, Algerian	<i>Hedera algeriensis</i>
Ivy, English	<i>Hedera helix</i>
Ivy, Swedish	<i>Plectranthus</i> spp.
Juniper	<i>Juniperus procumbens</i>
Juniper	<i>Juniperus scopulorum</i>
Juniper	<i>Juniperus</i> spp.
Larkspur	<i>Delphinium</i> spp.
Laurel	<i>Laurus nobilis</i>
Laurel, Australian	<i>Pittosporum</i> spp.
Laurel, Japanese	<i>Aucuba japonica</i>
Lilac, California	<i>Ceanothus</i> spp.
Lilac, Wild	<i>Ceanothus sanguineus</i>
Lily, Asiatic	<i>Lilium</i> spp.
Lily, Peace	<i>Spathiphyllum floribundum</i>
Lily-Turf	<i>Liriope muscari</i>
Live-Forever	<i>Sempervivum</i> spp.
Magnolia	<i>Magnolia</i> spp.
Magnolia, Saucer	<i>Magnolia soulangiana</i>
Magnolia, Southern	<i>Magnolia grandiflora</i>
Maple, Japanese	<i>Acer palmatum</i>
Maple Sugar	<i>Acer saccharum</i>
Marigold	<i>Tagetes</i> spp.
Mock-Orange	<i>Pittosporum tobira</i>
Mugwort	<i>Artemisia</i> spp.
Nandina	<i>Nandina domestica</i>
Oak, Pin	<i>Quercus palustris</i>
Oak, Red	<i>Quercus falcata</i>
Oleander	<i>Nerium oleander</i>
Orpine	<i>Sedum</i> spp.
Palm, Date	<i>Phoenix dactylifera</i>
Palm, Parlor	<i>Chamaedorea elegans</i>
Palm, Queen	<i>Syagrus romanzoffianum</i>
Palm, Roebelin's	<i>Phoenix roebelenii</i>
Palm, Sago	<i>Caryota urens</i>
Pansy*	<i>Viola</i> spp.*
Paper Plant	<i>Fatsia japonica</i>
Pear Bradford's	<i>Pyrus calleryana</i>
Periwinkle	<i>Vincas</i> spp.

COMMON NAME	BOTANICAL NAME
Petunia	<i>Petuniaspp.</i>
Philodendron	<i>Philodendron spp.</i>
Phlox	<i>Phloxspp.</i>
Photinia, Red-Tip	<i>Photinia glabra</i>
Pine	<i>Pinus spp.</i>
Pine, Black	<i>Pinus nigra</i>
Pine, Eastern White	<i>Pinus strobus</i>
Pine, Muhgo	<i>Pinus muhgo</i>
Pine Scotch	<i>Pinus sylvestris</i>
Pink	<i>Dianthus spp.</i>
Plum, Flowering	<i>Prunus spp.</i>
Plum, Purple-Leaf	<i>Prunus spp.</i>
Poinsettia	<i>Euphorbia spp.</i>
Poplar	<i>Populus trichocarpa</i>
Pothos	<i>Epipremnum spp.</i>
Primrose	<i>Primulaspp.</i>
Pussy's-Foot	<i>Ageratum spp.</i>
Redbud, Western	<i>Cercis occidentalis</i>
Rhododendron	<i>Rhododendron spp.</i>
Ribbon-Grass	<i>Setaria spp.</i>
Rose of Sharon	<i>Hibiscus syriacus</i>
Rose	<i>Rosa spp.</i>
Rose-Bay	<i>Nerium oleander</i>
Rosemary (Prostrate)	<i>Rosmarinus spp.</i>
Rubber-Plant, Baby	<i>Peperomia spp.</i>
Rubber Tree	<i>Brassaia actinophylla</i>
Sage	<i>Salvia spp.</i>
Sagebrush	<i>Artemisia spp.</i>
Snap-Dragon	<i>Antirrhinum spp.</i>
Snowball	<i>Ceanothus spp.</i>
Spiraea	<i>Spiraea bumalda</i>
Spiraea	<i>Spiraea japonica</i>
Spruce, Blue	<i>Picea pungens</i>
Spruce, Norway	<i>Picea abies</i>
Spruce, White	<i>Picea glauca</i>
Starwort	<i>Aster spp.</i>
Stonecrop	<i>Sedum spp.</i>
Sweet Alyssum	<i>Lobularia maritima</i>
Thymes Creeping	<i>Thymus serpyllum</i>
Umbrella-Tree	<i>Brassaia actinophylla</i>
Verbena	<i>Verbenaspp.</i>
Vervain	<i>Verbenaspp.</i>
Viburnum	<i>Viburnum spp.</i>
Vinca	<i>Catharanthus roseus</i>
Viola	<i>Viola spp.</i>
White alder	<i>Clethraspp.</i>
Weigela, Pink	<i>Weigela Florida</i>
Willow, Virginia	<i>Itea virginica</i>
Winterberry	<i>Ilex spp.</i>
Wormwood	<i>Artemisia spp.</i>
Yaupon	<i>Ilex spp.</i>
Yew, Spreading	<i>Taxus baccata</i>
Yucca	<i>Yuccaspp.</i>
Zebra-Plant	<i>Aphelandra spp.</i>
Zinnia	<i>Zinniaspp.</i>

¹Do Not Exceed 3.85 fl. oz./100 gallons on these species.

TABLE 4: Tolerant Varieties of Crabapple Species (Genus *Malus*) Tolerant Varieties of *Malus*

Arkansas Black	Eleyi	Mary Potter	<i>sieboldii</i>
<i>atrosanguinea</i>	Enterprise	Molten Lava	Selkirk
<i>baccata</i>	Evereste	New Centennial	Sentinel
<i>baccata</i> var. <i>jackii</i>	Eyelynn	Ormiston Roy	Silver Moon
<i>baccata</i> var. <i>mandshurica</i>	<i>floribunda</i>	Pink Satin	Sliver Drift
Callaway	Gloriosa	Prairie Maid	Sinai Fire
Candymint Sargent	Golden Delicious	Prairifire	<i>spectabilis</i>
Christmas Holly	Golden Raindrops	Profusion	Sugar Tyme
<i>coronaria</i>	Hopa	<i>pumila</i>	Van Eseltine
David	Indian Magic	Ralph Shay	White Angel
Dolgo	Island	Red Jade	Williams Pride
Donald Wyman	Katherine	Red Baron	Winter Gold
Dorothea	Lancelot	Sargent	Yellow Delicious
Doubloons	Louisa	<i>sargentii</i>	<i>Zumi</i> Calocarpa

TABLE 5. Intolerant Plants (DO NOT apply ArmorTech ZOXY 2F to these species or varieties)

COMMON NAME	BOTANICAL NAME
Apple	<i>Malus domestica</i>
Crabapple - Flame variety	<i>Malus</i> spp.
Crabapple - Brandywine variety	<i>Malus</i> spp.
Crabapple - Novamac variety	<i>Malus</i> spp.
Cherry, Flowering - Yoshino variety	<i>Prunus yedoensis</i>
Leatherleaf Fern and Other Ferns for cut foliage	<i>Rumohra adiantiformis</i> and other species for cut foliage
Privet	<i>Ligustrum</i> spp.

CONIFERS INCLUDING CHRISTMAS TREES, COMMERCIAL PRODUCTION ROSES

ArmorTech ZOXY 2F controls certain diseases on conifers in production (indoor and outdoor) and landscape situations. Please see the Ornamental Section above for more detailed directions for use in landscape situations.

Crop	Target Diseases	Use Rate fl. oz. product/Acre (lb. a.i./A)	Application Instructions
Conifers including Christmas Trees	Diplodia tip blight (<i>Diplodia pinea</i>) Lophodermium Needlecast (<i>Lophodermium pinastri</i>) Swiss Needlecast (<i>Phaeocryptopus gaeumannii</i>)	6.1 - 15.3 (0.10 - 0.25)	Integrated Pest (Disease) Management: Integrate ArmorTech ZOXY 2F into an overall disease management strategy that includes selection of varieties with disease tolerance and removal of plant debris in which inoculum may overwinter. Resistance Management: Do not apply more than four sequential applications of ArmorTech ZOXY 2F before alternating with a fungicide that is not in Group 11. Do not make more than eight applications of ArmorTech ZOXY 2F per acre per year.

Crop	Target Diseases	Use Rate fl. oz. product/Acre (lb. a.i./A)	Application Instructions
<p>Conifers including Christmas Trees (Cont'd)</p> <p>Roses (Commercial Rose Production)</p>	<p>Downy Mildew (<i>Peronospora sparsa</i>)</p> <p>Powdery Mildew (<i>Sphaerotheca pannosa</i>)</p> <p>Rust (<i>Phragmidium mucronatum</i>, <i>P. tuberculatum</i>, and other <i>Phragmidium spp.</i>)</p> <p>Septoria Leaf Spot (<i>Septoria rosea</i>)</p> <p>Alternaria Leaf Spot (<i>Alternaria alternata</i>)</p>	<p>3.0 - 15.3 (0.05 - 0.25)</p>	<p>Application Directions: Begin ArmorTech ZOXY 2F applications prior to disease development and continue throughout the season at 7-21 day intervals following the resistance management guidelines. Make applications by ground, air or chemigation. An adjuvant may be added at specified rates.</p> <p>Integrated Pest (Disease) Management: Integrate ArmorTech ZOXY 2F into an overall disease management strategy that includes selection of varieties with disease tolerance, optimum plant populations, proper fertilization, winter and/or spring pruning, plant residue management and proper timing and placement of irrigation.</p> <p>Resistance Management: Do not make more than four sequential applications of ArmorTech ZOXY 2F before alternating with a fungicide that is not in Group 11. Do not make more than eight applications per acre per year.</p> <p>Application Directions: Begin ArmorTech ZOXY 2F application prior to disease development and continue throughout the season on 7-21 day intervals following the resistance management guidelines. Make applications by ground, air or chemigation. An adjuvant may be added at specified rates.</p> <p>Plant Safety: ArmorTech ZOXY 2F is safe when applied to roses. However, all varieties of roses have not been evaluated for safety. Small scale variety safety testing must be conducted to insure plant safety prior to large scale application, in addition, do not tank mix ArmorTech ZOXY 2F with other fungicides, insecticides, herbicides, fertilizer, etc. unless local experience indicates that the tank mix is safe to roses.</p>

Specific Use Restrictions: Do not apply more than 123 fluid ounces of product/acre/year (2.0 lbs. a.i./A).

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE

Store in original containers only. Keep container closed when not in use. Do not store near food or feed. In case of spill on floor or paved surfaces, mop and remove to chemical waste storage area until proper disposal can be made if product cannot be used according to the label.

PESTICIDE DISPOSAL

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative of the nearest EPA Regional Office for guidance.

CONTAINER HANDLING [less than or equal to 5 gallons]

Non-refillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use and disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration.

CONTAINER HANDLING [greater than 5 gallons]

Non-refillable container. 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 ¼ 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 for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration.

CONTAINER IS NOT SAFE FOR FOOD, FEED OR DRINKING WATER.

LIMITATION OF WARRANTY AND LIABILITY

IMPORTANT: READ BEFORE USE. Read the entire Directions for Use, Conditions of Warranties and Limitations of Liability before using this product. If these terms and conditions are not acceptable, return the unopened product container at once. By using this product, user or buyer accepts the following Disclaimer of Warranties and Limitations of Liability.

CONDITIONS: The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Ineffectiveness, injury, and other unintended consequences may result because of such factors as manner of use or application (including misuse), the presence of other materials, weather conditions, and other unknown factors, all of which are beyond the control of United Turf Alliance, LLC. All such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: To the extent consistent with applicable law, United Turf Alliance, LLC makes no other warranties, express or implied, of merchantability or of fitness for a particular purpose or otherwise, that extend beyond statements on this label.

LIMITATIONS OF LIABILITY: To the extent consistent with applicable law, neither United Turf Alliance, LLC, the manufacturer, nor the Seller shall be liable for any indirect, special, incidental or consequential damages resulting from the use, handling, application, storage, or disposal of this product. To the extent consistent with applicable law, the exclusive remedy of the user or buyer for any and all losses, injuries or damages resulting from the use, handling, application, or storage of this product, whether in contract, warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price paid.

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[EPA approval date]