

Emblem

Registrant: Nufarm Americas Inc.

GENERAL

EPA Registration Number:	228-723	Signal Word:	CAUTION
CA Registration Number:	228-723-AA		
Active Ingredient:	40.3 - Fludioxonil	Application Methods:	Chemigation, Ground
Label Version:	RV102116	Mode of Action:	FRAC 12
Physical State:	Liquid (9.9 lb / ga)	Toxic To:	Aquatic Invertebrates, Aquatic Mollusks, Aquatic Organisms, Fish, Shrimp
Product Type:	Fungicide	Rainfastness:	
Formulation Type:	Liquid Concentrate OR Low Concentrate		

ADDITIONAL INFORMATION

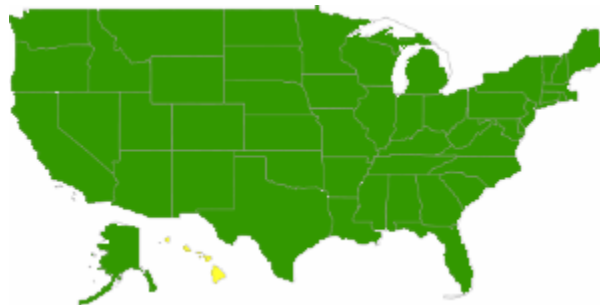
Federally Restricted:	No		
Organic Certifications:	None	Other Certifications:	None
Posting Required:	No	Closed Mixing System Required:	All applications in All States/Provinces: Not required
Oral Notification Required:	No	Avoid Grazing:	Yes

CALIFORNIA

Registration #:	228-723-AA	CA Restricted:	No
CA NOI Required:	No		

REGISTERED FOR USE IN

AK, AL, AR, AZ, CA, CO, CT, DC, DE, FL, GA, IA, ID, IL, IN, KS, KY, LA, MA, MD, ME, MI, MN, MO, MS, MT, NC, ND, NE, NH, NJ, NM, NV, NY, OH, OK, OR, PA, RI, SC, SD, TN, TX, UT, VA, VT, WA, WI, WV, WY



PACKAGE TYPES

16 floz Package(s) (12 / Case)

****Specific Notices will not be shown until a pest is selected.**

SAFETY

PPE Information:	PERSONAL PROTECTIVE EQUIPMENT (PPE) Applicators and other handlers must wear: - Long-sleeved shirt and long pants - Chemical-resistant gloves (barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, polyvinyl chloride (PVC or Viton). - Shoes plus socks USER SAFETY REQUIREMENTS Follow manufacturers 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.
Re-Entry PPE Information:	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
Transport Information:	DOT: Non Regulated IMDG: UN3082, Environmentally Hazardous substance, liquid, n.o.s. (fludioxonil), 9, PG III, Marine Pollutant IATA: Not Regulated
Response Number:	800-424-9300
Medical Number:	877-325-1840
SDS Hazard ID Signal Word:	Warning

GENERAL NOTICE 1

This product is toxic to fish, aquatic invertebrates, and oysters and shrimp. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater or rinsate. Groundwater Advisory: This chemical has properties and characteristics associated with chemicals detected in ground water. This chemical may leach into groundwater if used in areas where soils are permeable, particularly where the water table is shallow. Surface Water Advisory: This chemical may contaminate water through drift or spray in wind. This chemical has a high potential for runoff for several months or more after application. Poorly draining soils and soils with shallow water tables are more prone to produce runoff that contains this chemical. A level, well maintained vegetative buffer strip between areas to which this chemical is applied and surface water features such as ponds, streams, and springs, will reduce the potential for contamination of water from rainfall runoff. Runoff of such as when soils are saturated and/or significant rainfall is forecast in the next 48 hours. Sound erosion control practices will reduce this chemical's contribution to surface water contamination. Physical or Chemical Hazards Do not use or store near heat or open flame. Do not use with or store near any oxidizing agents, hazardous chemical reaction may occur. **DIRECTIONS FOR USE** It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. 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 State or Tribal agency responsible for pesticide regulation.

GENERAL NOTICE 2

USE RESTRICTIONS - Hawaii Use is limited to ornamentals grown in interiorscapes, greenhouses, lath and shade houses, containers, or other enclosed structures. - Nassau and Suffolk Counties, New York Use is limited to ornamentals grown in interiorscapes, greenhouses, lath and shade houses, hoop houses, containers, or other enclosed structures. - Do not apply Emblem(TM) Fungicide with any type of aircraft. **OBSERVE THE FOLLOWING RESTRICTINS WHEN SPRAYING IN THE VICINITY OF AQUATIC AREAS SUCH AS LAKES, RESERVOIRS, RIVERS, PERMANENT STREAMS, MARSHES OR NATURAL PONDS, ESTUARIES, AND COMMERCIAL FISH FARM PONDS.** - Do not apply within 75 ft of bodies of water such as lakes reservoirs rivers, permanent streams natural ponds, marshes or estuaries. - For all plantings within 150 ft of bodies of water as described above, spray crops from outside the planting away from the bodies of water. - Shut off the sprayer when at row ends. - Spray the last three rows windward of aquatic areas using nozzles on one side only, with spray directed away from aquatic areas. - Do not cultivate within 10 ft of aquatic areas as to allow a vegetative filter strip. - Do not apply when weather conditions favor drift to aquatic areas. Do not apply when gusts or sustained winds exceed 10 mph. - Do not apply during a temperature inversion. Mist or fog may indicate the presence of an inversion in humid areas.

GENERAL NOTICE 3

RESISTANCE MANAGEMENT Emblem Fungicide contains fludioxonil which is in the phenylpyrrole class of chemistry and has a unique mode of action which prevents fungal respiration (Fungicide Action Group 12). Fungal isolates with acquired resistance to Group 12 may eventually dominate the fungal population if Group 12 fungicides are used repeatedly or in successive years as the primary method of control for targeted species. This may result in partial or total loss of control of those species by fludioxonil or other Group 12 fungicides. A disease management program that includes alternation or tank mixes between Emblem Fungicide and other labeled fungicides that have a different mode of action may prevent pathogen populations from developing resistance. Sanitation and other cultural practices to minimize disease are also recommended to aid in control as well as to assist in preventing/delaying resistance development.

GENERAL NOTICE 4

APPLICATION: Directions for Use Through Microjet or Drip Chemigation Systems

- For applications of Emblem Fungicide as soil drench applications only.
- Do not use in overhead irrigation systems
- Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the pesticide label-prescribed safety devices for public water systems are in place.
- Emblem Fungicide alone or in tank mixture with other pesticides which are registered for microjet or drip application may be applied in irrigation water at rates specified in this label.
- Applications to the soil may be made through microjets or drip irrigation. With microjet systems, apply additional water after application is complete to remove residues from the foliage. Apply enough supplemental water to wet the root zones of the plants.
- Do not apply this product through any other type of irrigation system.
- Plant injury or lack of effectiveness can result from non-uniform distribution of treated water. If you have questions about calibration, you should contact State Extension specialists, equipment manufacturers, or other experts.
- Thorough coverage is necessary to provide good disease control. Where distribution patterns do not overlap sufficiently, unacceptable control may result. Where distribution patterns overlap excessively, injury to desirable plants may result.

Spray Preparation

- Chemical tank and injector system should be thoroughly cleaned.
- Flush system with clean water.
- Fill the mix (supply) tank with the required amount of water.
- Start agitation in the tank.
- Agitate the solution until the Emblem has completely dispersed into the solution. Then add desired amount of tank-mix partners.
- Maintain agitation in the tank and inject this mixture into the irrigation system.
- Injecting a larger volume of a more dilute mixture per hour will usually provide more accurate calibration of metering equipment.
- Maintain sufficient agitation to keep the fungicide in suspension.
- Meter into irrigation water during the beginning of the irrigation cycle.

Operation Instructions

- The system must contain a functional check valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water-source contamination from backflow.
- The pesticide injection pipeline must contain a functional automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
- The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
- The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
- The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.
- Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
- Allow sufficient time for pesticide to be flushed through all lines and all nozzles before turning off irrigation water.
- A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.

Specific Instructions for Public Water Systems

- Public water system means a system for the provision to the public of piped water for human consumption if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days out of the year.
- Chemigation systems connected to public water systems must contain a functional reduced-pressure zone, backflow preventer (RPZ) or the functional equivalent in the water supply line upstream from the point of pesticide introduction.
- As an option to the RPZ, the water from the public water system should be discharged into a reservoir tank prior to pesticide introduction.
- There shall be a complete physical break (air gap) between the flow outlet end of the fill pipe and the top or overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe.
- The pesticide injection pipeline must contain a functional automatic quick-closing check valve to prevent the flow of fluid back toward the injection pump.
- The pesticide injection pipeline must contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
- The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops or in cases where there is no water pump when the water pressure decreases to the point where pesticide distribution is adversely affected.
- Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
- Do not apply when wind speed favors drift beyond the area intended for treatment.

GENERAL NOTICE 5

FIRST AID IF SWALLOWED - 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 by a poison control center or doctor. - Do not give anything to an unconscious person. **IF ON SKIN OR CLOTHING** - Take off contaminated clothing. - Rinse skin immediately with plenty of water for 15-20 minutes. - Call poison control center or doctor for treatment advice. **IF IN EYES** - Hold eye open and rinse slowly and gently with water for 15-20 minutes. - Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. - Call a poison control center or doctor for treatment advice. **HOT LINE NUMBER** Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-877-325-1840 for emergency medical treatment information.

GENERAL NOTICE 6

USER SAFETY RECOMMENDATIONS Users Should:

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

GENERAL NOTICE 7

Engineering Controls When handlers use closed systems in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

GENERAL NOTICE 8

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), restricted-entry interval, and notification to workers. 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

GENERAL NOTICE 9

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.

GENERAL NOTICE 10

STORAGE AND DISPOSAL DO NOT contaminate water, food or feed by storage or disposal. **PESTICIDE STORAGE:** Store in a cool place. DO NOT store in direct sunlight. Protect from freezing temperatures. **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:** NOTE: This product is available in multiple containers. Refer to the Net Contents section of this products labeling for the applicable "Nonrefillable" or "Refillable" designation. Follow the container disposal [handling] instructions below that apply to your container type / size." Nonrefillable Containers 5 Gallons or Less Nonrefillable container. DO NOT reuse or refill this container. Offer for recycling if available. 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 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities. Plastic containers are also disposable by incineration, or, if allowed by State and local authorities, by burning. If burned stay out of smoke. Nonrefillable containers larger than 5 gallons Nonrefillable 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. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling if available 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. 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 and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 psi for at least 30 seconds. Drain for 10 seconds after the flow begins to drip. Then offer for recycling if available 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.

GENERAL NOTICE 11

WARRANTY DISCLAIMER The directions for use of this product must be followed carefully. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, (1) THE GOODS DELIVERED TO YOU ARE FURNISHED "AS IS" BY MANUFACTURER OR SELLER AND (2) MANUFACTURER AND SELLER MAKE NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND TO BUYER OR USER, EITHER EXPRESS OR IMPLIED, OR BY USAGE OF TRADE, STATUTORY OR OTHERWISE, WITH REGARD TO THE PRODUCT SOLD, INCLUDING, BUT NOT LIMITED TO MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, USE, OR ELIGIBILITY OF THE PRODUCT FOR ANY PARTICULAR TRADE USAGE. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, UNINTENDED CONSEQUENCES, INCLUDING BUT NOT LIMITED TO INEFFECTIVENESS, MAY RESULT BECAUSE OF SUCH FACTORS AS THE PRESENCE OR ABSENCE OF OTHER MATERIALS USED IN COMBINATION WITH THE GOODS, OR THE MANNER OF USE OR APPLICATION, INCLUDING WEATHER, ALL OF WHICH ARE BEYOND THE CONTROL OF MANUFACTURER OR SELLER AND ASSUMED BY BUYER OR USER. THIS WRITING CONTAINS ALL OF THE REPRESENTATIONS AND AGREEMENTS BETWEEN BUYER, MANUFACTURER AND SELLER, AND NO PERSON OR AGENT OF MANUFACTURER OR SELLER HAS ANY AUTHORITY TO MAKE ANY REPRESENTATION OR WARRANTY OR AGREEMENT RELATING IN ANY WAY TO THESE GOODS. LIMITATION OF LIABILITY TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, IN NO EVENT SHALL MANUFACTURER OR SELLER BE LIABLE FOR SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, OR FOR DAMAGES IN THEIR NATURE OF PENALTIES RELATING TO THE GOODS SOLD, INCLUDING USE, APPLICATION, HANDLING, AND DISPOSAL. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, MANUFACTURER OR SELLER SHALL NOT BE LIABLE TO BUYER OR USER BY WAY OF INDEMNIFICATION TO BUYER OR TO CUSTOMERS OF BUYER, IF ANY, OR FOR ANY DAMAGES OR SUMS OF MONEY, CLAIMS OR DEMANDS WHATSOEVER, RESULTING FROM OR BY REASON OF, OR ARISING OUT OF THE MISUSE, OR FAILURE TO FOLLOW LABEL WARNINGS OR INSTRUCTIONS FOR USE, OF THE GOODS SOLD BY MANUFACTURER OR SELLER TO BUYER. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, ALL SUCH RISKS SHALL BE ASSUMED BY THE BUYER, USER, OR ITS CUSTOMERS. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BUYER'S OR USER'S EXCLUSIVE REMEDY, AND MANUFACTURER'S OR SELLER'S TOTAL LIABILITY SHALL BE FOR DAMAGES NOT EXCEEDING THE COST OF THE PRODUCT. If you do not agree with or do not accept any of directions for use, the warranty disclaimers, or limitations on liability, do not use the product, and return it unopened to the Seller, and the purchase price will be refunded.

TANK MIX INFORMATION

Jar Compatibility Test

1. Using a quart Jar, add the proportionate amounts of the products to 1 qt of water.
2. Add wettable powders and water-dispersible granular products first, then liquid flowables, and emulsifiable concentrates last.
3. After thoroughly mixing, let stand for at least 5 minutes. If the combination remains mixed or can be remixed readily it is physically compatible.
4. Once compatibility has been proven, use the same procedure for adding required ingredients to the spray tank.
5. If using Emblem Fungicide in a tank mixture, observe all directions for use, crops/sites, use rates, dilution ratios, precautions, and limitations which appear on the tank-mix product label.
6. Do not exceed the dosage rates on any label.
7. Follow the most restrictive label restrictions.
8. Do not mix this product with any other product whose label prohibits such mixing.
9. Tank mixtures are permitted only in those states where the tank mix partner is registered.

Note: Use with oils or adjuvants may cause plant damage

Plant tolerance has been found acceptable for ornamentals listed in the ORNAMENTALS section of this label. However, not all possible tank-mix combinations have been tested under all conditions. When possible, it is recommended to test the combinations on a small portion of target plants to ensure a phytotoxic response will not occur as a result of application.

Emblem Fungicide Tank Mixtures:

Emblem Fungicide is usually compatible with Strider(R), Torque(R), Tourney, Adorn, Stellar, Spectro 90(TM), 3336(R), Alude(TM), and other commonly used fungicides, insecticides and foliar nutrient products. However, the physical and biological compatibility of Emblem Fungicide with tank-mix partners should be tested before use. If in doubt, run a jar compatibility test or consult with Nufarm company representatives, other users, university or extension personnel before proceeding.

1. Add 2/3 of the required amount of water to the spray or mixing tank.
2. With the agitator running add the labeled amount of Emblem Fungicide into the tank all at once.
3. Continue agitation while adding the remainder of the water.
4. Allow Emblem Fungicide to dissolve and the product to completely disperse into the mix water. Then add the desired amount of other products recommended for tank mixture and allow them to become completely dispersed.
5. Continue agitation to maintain a uniform suspension until all of the spray solution has been applied.
6. Other wettable powders or water dispersible granules should be added to the water in the tank next, followed by flowable products, and emulsifiable concentrates added last.
7. Provide sufficient mechanical or bypass agitation during mixing and application.

SPECIAL INSTRUCTIONS

MIXING PROCEDURES

1. Prepare no more spray mixture than is needed for the immediate operation.
 2. Thoroughly clean spray equipment before using this product.
 3. Vigorous agitation is necessary to maintain uniformity of the spray mixture.
 4. Maintain maximum agitation throughout the spraying operation.
 5. Do not let the spray mixture stand overnight in the spray tank.
 6. Flush the spray equipment thoroughly following each use and apply the rinsate to a previously treated area.
- To determine the physical compatibility of Emblem Fungicide with other products, use a jar test as described below.

Emblem Fungicide Alone:

1. Add 2/3 of the required amount of water to the spray or mixing tank.
2. With the agitator running, add the labeled amount of Emblem Fungicide into the spray tank all at once.
3. Continue agitation while adding the remainder of the water.
4. Begin application of the spray solution after the material has completely dispersed into the mix water.
5. Maintain agitation until all of the mixture has been applied.