



U.S. ENVIRONMENTAL PROTECTION AGENCY

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

EPA Reg. Number:

279-3639

Date of Issuance:

5/14/21

NOTICE OF PESTICIDE:

Registration  
 Reregistration  
(under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

F9944-74 T&O SC Fungicide

Name and Address of Registrant (include ZIP Code):

Paula Bodey  
FMC Corporation  
2929 Walnut Street  
Philadelphia, PA 19104

**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.

Signature of Approving Official:

Cynthia Giles-Parker, Chief  
Fungicide, Registration Division (7505P)

Date:

5/14/21

2. Make the following label changes before you release the product for shipment:
  - Revise the EPA Registration Number to read, “EPA Reg. No. 279-3639.”
3. Submit one copy of the revised final printed label for the record before you release the product for shipment.

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 08/30/2018

If you have any questions, please contact Marcel Howard by phone at (703-305-6784), or via email at [howard.marcel@epa.gov](mailto:howard.marcel@epa.gov)

Enclosure – stamped “accepted” label

FLUINDAPYR | GROUP **7** | FUNGICIDE

## F9944-74 T&O SC Fungicide

For use on turf in golf courses and in lawns and landscape areas around public, institutional, and commercial properties. For use on ornamental plants in lawns and landscape areas around public, institutional, and commercial properties, container and field grown ornamentals, and ornamentals in greenhouses, interiorscapes and other enclosed structures.

EPA Reg. No. 279-GAGO

EPA Est. No.

**ACTIVE INGREDIENT:**

Fluindapyr

**OTHER INGREDIENTS:**

**TOTAL:**

**By Wt.**

42.4%

57.6%

100.0%

Contains 4 lbs/gal fluindapyr

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

[See other panels for additional precautionary information]

Net Contents: \_\_\_\_\_

Sold by:



FMC Corporation  
2929 Walnut Street  
Philadelphia, PA 19104

**ACCEPTED**

05/14/2021

Under the Federal Insecticide, Fungicide  
and Rodenticide Act as amended, for the  
pesticide registered under  
EPA Reg. No. 279-3639

<b>FIRST AID</b>	
<b>IF SWALLOWED</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to by a poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>IF ON SKIN OR CLOTHING</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>IF INHALED</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>IF IN EYES</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>MEDICAL HOTLINE NUMBER</b>	
<p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-331-3148 for emergency medical treatment information.</p>	

**For Technical Support of Information regarding the use of this product, Call 1-800-321-1FMC(1362).**

**PRECAUTIONARY STATEMENTS**  
**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**  
**CAUTION**

Harmful if swallowed. Harmful if absorbed through skin. Harmful if inhaled. Avoid contact with skin, eyes, clothing or breathing vapor or spray mist. Causes moderate eye irritation. 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 all other handlers must wear:

- long-sleeves and long pants,
- chemical-resistant gloves that have a thickness of 14 mils or greater and include material types such as Barrier Laminate, Butyl Rubber, Nitrite Rubber, Neoprene Rubber, Polyvinyl Chloride (PVC), and Viton, and

- shoes plus socks
- wear safety glasses.

When applying to landscaping ornamentals using mechanically-pressurized handguns, applicators must double layer gloves and double layer torso protection (long-sleeved shirt and jacket or coveralls).

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

#### **USER SAFETY RECOMMENDATIONS**

Users should: Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove PPE immediately after handling this product.

Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

#### **ENVIRONMENTAL HAZARDS**

Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater or rinsate. This product is not acutely toxic to pollinators; however, chronic exposure to the product through pollen and nectar may cause risk to pollinators. Protect pollinators by following label directions intended to limit exposure.

#### **DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in any 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.

[Note to Reviewer: Below is optional state specific language.]

[Optional language for CA: In California, this product may only be applied to fields that are not irrigated, or are irrigated using pressurized irrigation methods such as macro-sprinkler, micro-sprinkler, or drip systems.]

[Optional language for NY: Not for sale, distribution, or use in Nassau or Suffolk Counties of New York State.]

## PRODUCT INFORMATION

F9944-74 T&O SC Fungicide is a succinate dehydrogenase inhibitor (SDHI) fungicide for the control of a wide spectrum of diseases caused by plant pathogenic fungi when applied according to directions. The effect of F9944-74 T&O SC Fungicide on pathogens is the alteration of the biosynthesis of ergosterol by means of the inhibition of the demethylation of esteriodes, causing the collapse of the cell walls and inhibition of the development of hyphae. F9944-74 T&O SC Fungicide is formulated as a suspension-concentrate (SC) containing 4 pounds per gallon of the active ingredient fluindapyr.

### Resistance Management

For resistance management, please note that F9944-74 T&O SC Fungicide contains the active ingredient fluindapyr, which is a Group 7 fungicide based on the mode of action classification system. Any fungal population may contain individuals naturally resistant to F9944-74 T&O SC Fungicide and other Group 7 fungicides. A gradual or total loss of pest control may occur over time if these fungicides are used repeatedly in the same area. Appropriate resistance-management strategies should be followed.

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

- Rotate the use of F9944-74 T&O SC Fungicide or other Group 7 fungicides within a growing season sequence with different groups that control the same pathogens. Do not make more than two consecutive applications of this product.
- Use tank mixtures with fungicide from a different group that are equally effective on the target disease 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 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 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 pest control advisor for any additional pesticide resistance-management and/or IPM recommendations for specific sites and pathogens.

To maintain performance of F9944-74 T&O SC Fungicide and other fungicide in the same group, tank mix or rotate with a different fungicide group for appropriate disease resistance management. For assistance on a disease control situation, consult your FMC Market Specialist, Distributor representative, or state extensive personnel for specific practices or recommendations in your area.

## Mixing Instructions

**Spray Tank Preparation:** Spray equipment must be clean and free of existing pesticide deposits before using this product. Follow the spray tank clean out procedures specified on the label of product previously applied before adding F9944-74 T&O SC Fungicide to the tank. Mix F9944-74 T&O SC Fungicide thoroughly and continue agitation during application. If F9944-74 T&O SC Fungicide is left standing for extended period of time in spray tank, re-agitate to assure uniform suspension of product in spray mixture. Use F9944-74 T&O SC Fungicide spray mixture immediately after mixing. Do not store the mixture.

**Mixing With Water:** For best results, fill spray tank with one fourth of the volume of clean water needed for the area to be treated. Start the agitation system and add F9944-74 T&O SC Fungicide to the tank. Make sure F9944-74 T&O SC Fungicide is thoroughly mixed before application or before adding another product to the spray tank.

**Use of Adjuvants:** An adjuvant may be used with F9944-74 T&O SC Fungicide unless otherwise specified in the use directions. F9944-74 T&O SC Fungicide is compatible with most products, however not all have been tested. Use the compatibility jar test to ensure physical compatibility.

**Tank Mixing:** F9944-74 T&O SC Fungicide may be tank mixed with other fungicides, herbicides, insecticides, and/or other additives unless prohibited on the label of the tank mix partner. 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. Although F9944-74 T&O SC Fungicide is compatible with most products, not all combinations have been tested. Use the compatibility jar test to ensure physical compatibility. Before applying any tank mixture not specifically recommended on this label, safety of the target plant should be confirmed. To test for [turf] [and] [ornamental] safety, apply F9944-74 T&O SC Fungicide to a [plants] [or] [turf] [in a] small area and in accordance with label instructions and observe [turf] [or] [plants] over a period of time for the appearance of phytotoxicity symptoms.

**Compatibility Jar Test:** F9944-74 T&O SC Fungicide is compatible with most products, however not all combinations have been tested. Use the following compatibility jar test to ensure physical compatibility. Using a quart jar, add the proportionate amounts of the products to approximately one quart of water with agitation. Add wettable powders and water dispersible granular products first, next liquid flowables, then emulsifiable concentrates, and last liquid soluble products. After thorough mixing, allow this mixture to stand for 5 minutes. If the combination remains mixed or can be readily remixed, it is physically compatible. Once compatibility has been proven, use the same procedure for adding products to the spray tank. Use tank mix combinations on [a turf area] [or] [a small number of plants] before treating larger areas. When tank mixing, follow more restrictive labeling of any tank mix partner. Do not tank mix with any product that contains a prohibition on tank mixing.

## **Application Instructions**

### **Application through Irrigation Systems (Chemigation):**

Apply F9944-74 T&O SC Fungicide through irrigation at rates and timings specified in this label. Chemical tank and injector system must be thoroughly cleaned before and after use. Flush system with clean water.

Drip Irrigation: Use F9944-74 T&O SC Fungicide for control of diseases at rates and timing as specified in this label. Ensure adequate soil moisture prior to utilizing F9944-74 T&O SC Fungicide in a drip irrigation system. Do not apply F9944-74 T&O SC Fungicide through drip irrigation that is deeper than 12" below the soil surface.

Discontinue drip irrigation application at fungicide depletion from the main feed supply tank or after 6 hours from start, whichever is shorter. Delay subsequent irrigation (water only) for at least 24 hours following drip application for best results.

[Sprinkler Irrigation: Apply this product through sprinkler irrigation systems including [center pivot,] lateral move, end tow, side (wheel) roll, traveler, big gun, solid set, micro sprinkler or hand move irrigation systems. Do not apply this product through any other type of irrigation system except as specified on this label.]

[With Center Pivot irrigation equipment, use F9944-74 T&O SC Fungicide only with equipment with drive systems that provide uniform water distribution. Do not use end guns for chemigation due to the non-uniform application pattern.]

[Add F9944-74 T&O SC Fungicide to the pesticide supply tank containing sufficient water to maintain a continuous flow by the injection equipment. Maintain agitation during the entire application period.]

[For continuous-move irrigation systems, apply the labeled rate in ½ acre-inch or less per acre. For stationary or non-continuous moving systems, inject F9944-74 T&O SC Fungicide spray mixture during the last 20-30 minutes of the set.]

Do not apply when winds are greater than 10-15 mph to avoid drift or wind skips. Do not apply when wind speed favors drift beyond the area intended for treatment. Turf injury, lack of effectiveness, or illegal pesticide residues can result from non-uniform distribution of treated water. Thorough coverage of foliage is required for good control.

If you have questions about calibration you should contact a State Extension Service specialist, equipment manufacturer or other calibration expert.

Operating Requirements for Application through Irrigation Systems:

1. Do not use chemigation when conditions are favorable for drift to non-target areas.
2. To prevent water-source contamination from backflow, a functional check valve, vacuum relief valve, and low-pressure drain should be located on the irrigation pipeline.
3. To prevent backflow back toward the injection pump, the pesticide injection pipeline



- must be equipped with a functional, automatic, quick-closing check valve.
4. To prevent fluid from being withdrawn from the supply tank when the irrigation system is shut down, the pesticide injection pipeline should also be equipped with a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock.
  5. The system must also contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops and a functional pressure switch to stop the pump motor when water pressure decreases to a point at which pesticide distribution is adversely affected.
  6. A metering pump, constructed of materials compatible with pesticides and capable of being fitted with a system interlock, such as a positive displacement injection pump (e.g., a diaphragm pump), must be included in the system.
  7. A knowledgeable person responsible for the chemigation system should shut the system down and turn the irrigation water off, ensuring enough time for the pesticide to be flushed through all lines and nozzles.
  8. No irrigation system, including those in greenhouses, used to distribute pesticides can be connected to a public water source unless safety measures and devices prescribed in the pesticide label for such connection are in place.

#### Specific Instructions for Public Water Systems:

1. Public water system means a system that provides piped water for human consumption if the 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.
2. All measures and devices listed in the above section, "Operating Requirements for Application through Irrigation Systems", must be operational for connection to a public water system.
3. Additionally, chemigation systems connected to public water systems must contain a functional, reduced-pressure zone, back-flow 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 must be a complete physical break (air gap) between the 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.

**Spray Equipment/Volume:** F9944-74 T&O SC Fungicide should be applied in sufficient water volume to ensure thorough coverage as a broadcast foliar application for good disease control. For soil-borne diseases, use sufficient water to move the active ingredient into the crown and upper root zone.

For application to turf, 43 – 87 gallons of water per acre (1 – 2 gallons per 1,000 sq ft) is recommended. For foliar application to ornamentals, use enough water volume to thoroughly cover the foliage of the plants.

**Sprayer Equipment Clean-Out:** After spraying F9944-74 T&O SC Fungicide and before using sprayer equipment for any other applications, the sprayer must be thoroughly cleaned using the following procedure:

1. Drain sprayer tank, hoses, and spray boom and thoroughly rinse the inside of the sprayer tank with clean water to remove sediment and residues. In addition, thoroughly flush sprayer hoses, boom, and nozzles with clean water.
2. Fill the tank 1/2 full with clean water, and add appropriate detergent or ammonia (follow manufacturer's directions for use). Fill the tank to capacity and operate the sprayer for 15 minutes to flush hoses, boom, and nozzles.
3. Drain the sprayer system. Rinse the tank with clean water and flush through the hoses, boom, and nozzles. Remove and clean spray tips and screens separately.
4. Properly dispose of all cleaning solution and rinsate in accordance with Federal, State and local regulations and guidelines.

Do not contaminate any body of water including irrigation water that may be used on other plants.

## **SPRAY DRIFT MANAGEMENT**

### **MANDATORY SPRAY DRIFT MANAGEMENT**

#### **Airblast applications:**

- Sprays must be directed into the canopy.
- Do not apply when wind speeds exceed 15 miles per hour at the application site.
- User must turn off outward pointing nozzles at row ends and when spraying outer row.
- Do not apply during temperature inversions.

#### **Ground Boom Applications:**

- User must only apply with the release height recommended by the manufacturer, but no more than 4 feet above the ground or crop canopy and have minimal bounce.
- Applicators are required to use a Medium to Coarse, or coarser droplet size (ASABE S572.1).
- Do not apply when wind speeds exceed 15 miles per hour at the application site.
- Do not apply during temperature inversions.

#### **Boomless Ground Applications:**

- Applicators are required to use a Medium to Coarse, or coarser droplet size (ASABE S572.1) for all applications.
- Do not apply when wind speeds exceed 15 miles per hour at the application site.
- Do not apply during temperature inversions.

## **SPRAY DRIFT ADVISORIES**

THE APPLICATOR IS RESPONSIBLE FOR AVOIDING OFF-SITE SPRAY DRIFT. BE AWARE OF NEARBY NON-TARGET SITES AND ENVIRONMENTAL CONDITIONS.

### **IMPORTANCE OF DROPLET SIZE**

An effective way to reduce spray drift is to apply large droplets. Use the largest droplets that provide target pest control. While applying larger droplets will reduce spray drift, the

potential for drift will be greater if applications are made improperly or under unfavorable environmental conditions.

### **Controlling Droplet Size – Ground Boom**

- Volume - Increasing the spray volume so that larger droplets are produced will reduce spray drift. Use the highest practical spray volume for the application. If a greater spray volume is needed, consider using a nozzle with a higher flow rate.
- Pressure - Use the lowest spray pressure recommended for the nozzle to produce the target spray volume and droplet size.
- Spray Nozzle - Use a spray nozzle that is designed for the intended application. Consider using nozzles designed to reduce drift.

### **BOOM HEIGHT – Ground Boom**

For ground equipment, the boom should remain level with the crop and have minimal bounce.

### **SHIELDED SPRAYERS**

Shielding the boom or individual nozzles can reduce spray drift. Consider using shielded sprayers. Verify that the shields are not interfering with the uniform deposition of the spray on the target area.

### **TEMPERATURE AND HUMIDITY**

When making applications in hot and dry conditions, use larger droplets to reduce effects of evaporation.

### **TEMPERATURE INVERSIONS**

Drift potential is high during a temperature inversion. Temperature inversions are characterized by increasing temperature with altitude and are common on nights with limited cloud cover and light to no wind. The presence of an inversion can be indicated by ground fog or by the movement of smoke from a ground source or an aircraft smoke generator. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical air mixing. Avoid applications during temperature inversions.

### **WIND**

Drift potential generally increases with wind speed. AVOID APPLICATIONS DURING GUSTY WIND CONDITIONS.

Applicators need to be familiar with local wind patterns and terrain that could affect spray drift.

### **Boomless Ground Applications:**

Setting nozzles at the lowest effective height will help to reduce the potential for spray drift.

### **Handheld Technology Applications:**

Take precautions to minimize spray drift.

### TURFGRASS USE DIRECTIONS

F9944-74 T&O SC Fungicide provides control of many important diseases in turfgrass. Use F9944-74 T&O SC Fungicide in conjunction with cultural practices that promote healthy, vigorous turf. These practices include nutrient, thatch, and water management; cultural practices and judicious use of other fungicides with different modes of action.

For soil-borne diseases, irrigate turf following application with sufficient water to move the active ingredient into the crown and upper root zone.

For use on turf in golf courses, and in lawns and landscape areas around public, institutional, and commercial properties.

- Do not allow people (other than applicators) or pets on treatment area during application.
- Do not enter treatment area until spray has dried.

**Rate Ranges:** Use the shorter specified application interval and/or the higher specified rate when disease pressure is high and/or prolonged favorable disease conditions exist.

#### Use Directions for Turfgrass

Turfgrass Use Rate Conversion	
fl oz product / A	lb fluindapyr/A
5.75	0.18
8.64	0.27

Disease Controlled	Rate (fl oz product)		Application Interval (Days)
	Per acre	Per 1000 sq ft	
Apply preventatively or when conditions are favorable for disease development.	5.75-8.64	0.13 – 0.2	7-14
			14-21
			14-21
			7-14
			14-28
			14-21
			21-28
			21-28
			7-14
			14-21
			21-28
			14-28
			14-28

<b>Apply preventively in the Fall</b>	Gray Snow Mold/Typhula Blight ( <i>Typhula incarnate</i> ) <sup>1</sup>	5.75-8.64	0.13 – 0.2	NA
	Pink Snow Mold/ <i>Microdochium Patch (Microdochium nivale)</i> <sup>1</sup>			NA
	Pythium Blight			7-21
	Take-all Root Rot ( <i>Gaeumannomyces graminis</i> var <i>graminis</i> )			14-21
<sup>1</sup> Apply once in the fall before first snow cover. Do not apply after snow cover.				
<b>Restrictions:</b>				
<ul style="list-style-type: none"> <li>• No single application may exceed 0.27 lb of fluindapyr/A.</li> <li>• Do not apply more than 4 applications per year.</li> <li>• Do not apply more than 1.1 lb of fluindapyr/A per year.</li> <li>• Do not use clippings for animal feed.</li> <li>• Not for use on athletic fields, residential turf and sod.</li> </ul>				

**For use in the establishment of turfgrass from seed or in overseeding of dormant turfgrass:**

F9944-74 T&O SC Fungicide may be used for control of certain turfgrass diseases associated with turfgrass establishment from seed. F9944-74 T&O SC Fungicide may also be used during overseeding of dormant turfgrass. F9944-74 T&O SC Fungicide may be safely applied before or after seeding or at seedling germination and emergence to ryegrass, bentgrass, bluegrass, fescue, and other turfgrasses. Optimum application timing for control of seedling diseases is just prior to, during or just after seeding.

**ORNAMENTALS USE DIRECTIONS**

F9944-74 T&O SC Fungicide prevents and provides control of many important foliar and soil-bourne diseases in ornamentals (such as trees, shrubs, ground covers, bedding plants, flowers, roses, houseplants and foliage plants). Applications can be made to plants growing in containers, benches, flats, plugs and beds in greenhouses, shadehouses, field plantings, interiorscapes, and in public, commercial, and institutional landscape areas.

- Do not allow people (other than applicators) or pets on treatment area during application.
- Do not enter treatment area until spray has dried.
- For applications to landscaping ornamentals with mechanically-pressurized handguns, applicators must wear a double layer gloves and double layer torso protection (long-sleeved shirt and jacket or coveralls).

**Foliar Application:** Apply F9944-74 T&O SC Fungicide in sufficient water to ensure complete coverage of the target plant. Repeat applications at specified intervals as long as conditions for disease are favorable. Applications should begin prior to disease development and continue throughout the season at specified intervals. F9944-74 T&O SC Fungicide is most effective when applied preventively before disease is widespread.

Apply F9944-74 T&O SC Fungicide at use rates of 5.75-8.64 fl oz of F9944-74 T&O SC Fungicide in 100 gal of water/A every 7-28 days. Under light to moderate disease pressure, use the lower rates.

**Rate Ranges:** Use the shorter specified application interval and/or the higher specified rate when disease pressure is high and/or prolonged favorable disease conditions exist.

### Use Directions for Ornamental Plants

Ornamentals Use Rate Conversion	
fl oz product / A	lb fluindapyr/A
5.76	0.18
8.64	0.27

Disease Controlled		Rate (fl oz product per 100 gal)	Application Interval (Days)
Apply preventatively or when conditions are favorable for disease development.	Anthracnose ( <i>Colletotrichum spp.</i> )	5.76-8.64	7-14
	Apple Scab ( <i>Ventura inaequalis</i> )		
	Black Spot ( <i>Diplocarpon rosae</i> )		
	Cedar Apple Rust ( <i>Gymnosporangium juniper- virginianae</i> )		
	Cylindrocladium Leaf Spot		
	Fungal Leaf Spots ( <i>Alternaria</i> , <i>Cercospora</i> , <i>Septoria spp</i> )		
	Powdery Mildew ( <i>Erysiphe spp.</i> )		
	Pythium Blight		
	Rapid Blight		
	Rust ( <i>Puccinia Spp</i> )		
	<ul style="list-style-type: none"> <li>Repeat applications may be needed.</li> </ul>		
<b>Restrictions:</b> <ul style="list-style-type: none"> <li>No single application may exceed 0.27 lb of fluindapyr/A</li> <li>Do not apply more than 4 applications per year.</li> <li>Do not apply more than 1.1 lb ai of fluindapyr/A per year</li> <li>For use on ornamental plants only, not for woodlands or forest management.</li> <li>Do not apply to bearing fruit trees or vegetables.</li> <li>Do not apply to ornamentals until after petal fall.</li> </ul>			

**Drench, Crown and Surface Spray Application:** F9944-74 T&O SC Fungicide may be applied to control soilborne, seedling, and crown diseases of production ornamentals (grown in sites such as greenhouse, shadehouses, container grown and field grown) as a preventive, drench, crown or surface spray treatment prior to infection. Good coverage of the pre-infection area (root zone, root ball, crown, etc.) is necessary for satisfactory control. Make applications prior to infection as healthy roots are necessary to optimize fungicide uptake, plant movement, and disease protection.

F9944-74 T&O SC Fungicide may be applied as a drench to container grown ornamentals using 0.05 – 0.16 fl oz/100 gallons of water. Thoroughly wet the root zone of the plants with the solution using up to 1-2 pt per sq ft of surface area. If a drench application is not feasible, use 0.13-0.2 fl oz/1,000 sq ft of growing area in sufficient water to provide uniform coverage and follow with enough irrigation to completely wet the root zone of the plants.

**Pre potting Growing media Mix:** Combine 0.007-0.01 fl oz of F9944-74 T&O SC Fungicide into 1.0 gallon of water. Uniformly mix this solution onto one (1) cubic yard of potting media. Uniform mixing can be accomplished by placing the potting mix in a rotating drum and spraying the F9944-74 T&O SC Fungicide solution onto the mix while the drum is rotating. Prepare this media treatment just prior to use.

**NOTICE TO USER:** F9944-1 SC has been shown to be safe when applied to the ornamental plants listed in the table below. However, due to the large number of genera, species and varieties of ornamental and nursery plants it is impossible to test every variety or cultivar for tolerance to F9944-1 SC. Neither the manufacturer nor the seller has determined whether or not F9944-1 SC can be used safely ornamental and nursery plants not specified on this label. The professional user should conduct small scale testing to insure plant safety prior widespread use on plants not listed in this label.

Ornamental Plants		
Aster	Delphinium	Phlox
Achillea	Helichrysum	Poinsettia
Carnation	Iris, gladiolus	Roses
Chrystantemum	Lily	Rudbeckia
Daisy	Marigold	Snapdragon
Dahlia	Peony	
Woody Ornamentals (non-bearing fruit)		
Ash	Dogwood	<i>Picea spp.</i>
Azalea	Hawthorn	Photinia
Cedar	Hydrangea	Privet
Cherry	Juniper	<i>Prunus spp.</i>
Crabapple	Lilac	Rhododendron
Cypress	Londonplane	Sycamore

### STORAGE AND DISPOSAL

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

**Pesticide Storage:** Store unused product in original container in a cool, dry, secure area.

**In Case of Spill:** Avoid contact, isolate area and keep out unprotected persons and animals. Confine spills. For assistance call: 800-424-9300.

**Pesticide Disposal:** Pesticide wastes may be 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 at the nearest EPA Regional Office for guidance.

**Container Handling:**

**Nonrefillable container.** [equal to or less than 5 gallons]

Do not reuse or refill this container. Offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration. 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  $\frac{1}{4}$  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 2 more times.

**Nonrefillable container.** [greater than 5 gallons] [and less than 260 gallons]

Do not reuse or refill this container. Offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration. Triple rinse or pressure rinse container (or equivalent) promptly after emptying.

Triple rinse as follows: Empty the remaining contents into application equipment or mix tank. Fill the container  $\frac{1}{4}$  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 and store rinsate for later use or disposal. Repeat this procedure two more times.

Pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or a 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.

*{Note to PM, IBC's may be nonrefillable or refillable, the container handling section will state either Nonrefillable or Refillable.}*

**Nonrefillable container. {or} Refillable container.**

**Bottom discharge IBC:** Pressure rinsing the container before final disposal is the responsibility of the person disposing of the container. To pressure rinse the container before final disposal, empty the remaining contents from the IBC into application equipment or mix tank. Raise the bottom of the IBC by 1.5 inches on the side which is opposite of the bottom discharge valve to promote more complete product removal. Completely remove the top lid of the IBC. Use water pressurized to at least 40 PSI to rinse all interior portions. Continuously pump or drain rinsate into application equipment or rinsate collection system while pressure rinsing. Continue pressure rinsing for 2 minutes or until rinsate becomes clear. Replace the lid and close bottom valve.



### **Conditions of Sale and Limitation of Warranty and Liability:**

**NOTICE:** Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions beyond the control of FMC or Seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold FMC and Seller harmless for any claims relating to such factors.

**Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the Directions for Use when used in accordance with the directions under normal conditions of use. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, FMC MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE, NOR ANY OTHER EXPRESS OR IMPLIED WARRANTIES WITH RESPECT TO THE SELECTION, PURCHASE, OR USE OF THIS PRODUCT. Any warranties, express or implied, having been made are inapplicable if this product has been used contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to (or beyond the control of) seller or FMC, and buyer assumes the risk of any such use.**

To the extent consistent with applicable law, FMC or seller shall not be liable for any incidental, consequential or special damages resulting from the use or handling of this product. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF FMC AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF FMC OR SELLER, THE REPLACEMENT OF THE PRODUCT.

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