

Stop Snow Mold before it starts...

Golfers may hibernate during the cold, wintery months, but not disease organisms. Cold weather and snow cover — particularly before the ground is frozen — are ideal conditions for the development of Pink and Gray snow molds, unsightly diseases that can affect the playability of your course throughout the season.

That's why turf specialists recommend the use of effective fungicides applied late-Fall, before the first permanent snow cover, and again through the winter as snow thaw allows. The right fungicide at the right time — plus good turf management practices — is your best insurance against snow mold.

GRAY SNOW MOLD or *Typhula Blight*

Known also as snow scald or speckled snow mold, it is most noticeable after the first Spring thaw. Infected areas show light yellow discoloration of 1 to 2 inches in diameter. Leaves turn from a scalded, discolored appearance to grayish white, finally becoming matted together. As the disease spreads, a halo of grayish-white fungal growth develops at the advancing margins. Damage can range from blade spoilage to complete destruction of the plant. It is distinguished from Pink Snow Mold by the presence of irregularly spherical sclerotia (pinkish orange to reddish brown to black) embedded in the leaves, sheaths, and other plant parts.



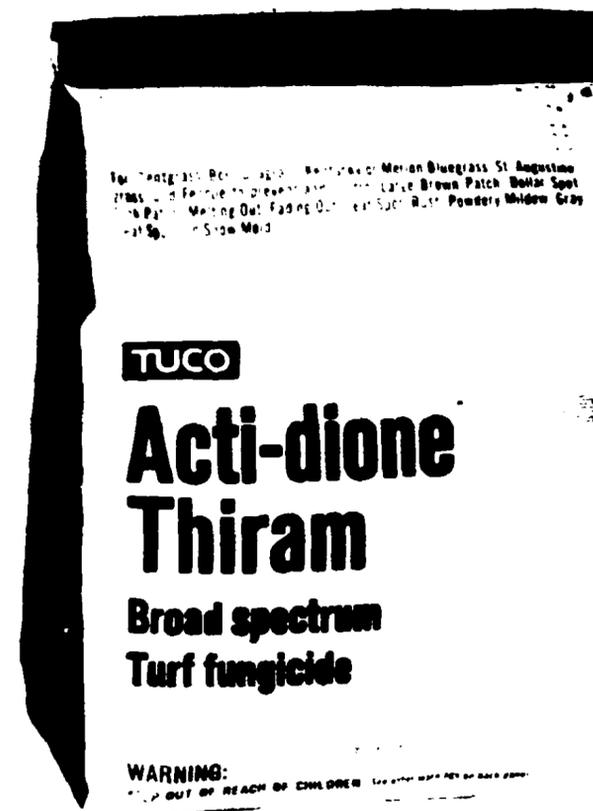
PINK SNOW MOLD or *Fusarium Patch**

Most noticeable following the first Spring thaw, affected turf shows irregular circular areas of pale yellow grass ranging in size from 2 inches to a foot in diameter. As disease progresses, the affected grass changes color to tan or whitish gray, then to light pink. The individual leaves show a bleached appearance and feel slimy when wet.



*In the absence of snow, the disease is called Fusarium Patch. When treated in winter, it is distinguished from other diseases by the presence of pinkish sclerotia.

Use Acti-dione® Thiram in your Winter Disease Control Program



Professional superintendents recognize the value of good turf management practices and the use of effective fungicides in a Winter Disease Control Program. To control Pink and Gray Snow Molds, this program is recommended.

- Avoid late season applications of nitrogen
- Avoid heavy thatch or mulching that prolongs wet, cool conditions
- Keep plants healthy to withstand Winter desiccation pressure
- Apply an effective fungicide at recommended rates late-Fall, before the first permanent snow cover, and through the Winter as snow thaw allows

Starts

Use Acti-dione Thiram in your Winter Disease Control Program



Get broad-spectrum disease control plus broad-spectrum disease prevention

PROVEN EFFECTIVE

Results of Research Project on Effect of Acti-dione Development

ENVIRONMENTAL CONSIDERATIONS

LOCAL SYSTEMIC ACTION

FUNGICIDAL — NOT BACTERICIDAL

EASY TO USE

ECONOMICAL

ACTI-DIONE TIME-TESTED

months, but it is best applied before the ground freezes. Pink and Gray snow molds are the plague of your rough-out turf.

ve fungicides applied in through the winter time plus good turf care against snow mold.

Mold Blight

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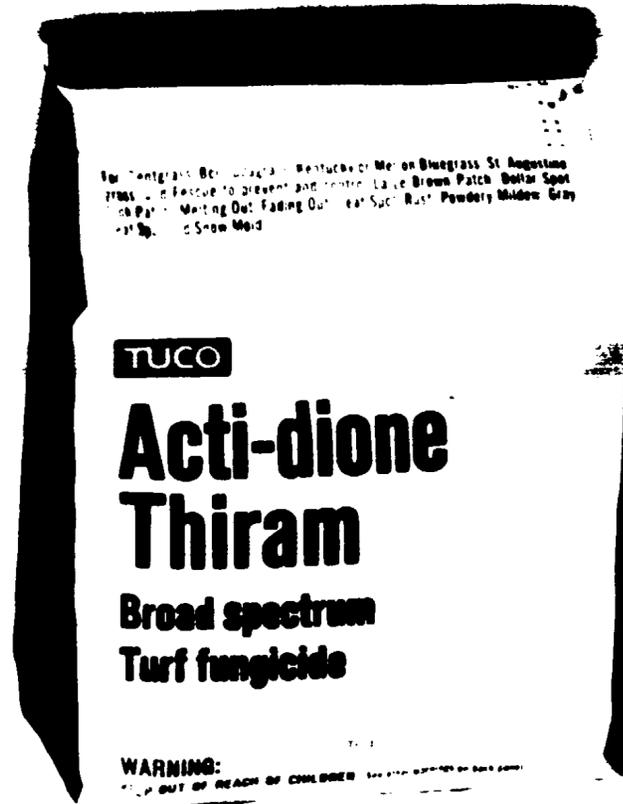


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- Apply an effective fungicide at recommended rates late-Fall, before the first permanent snow cover, and through the Winter as snow thaw allows

Get broad-spectrum disease control plus broad-spectrum benefits

PROVEN EFFECTIVE

Acti-dione Thiram is a broad-spectrum turf fungicide that combines the effectiveness of two proven products: the antibiotic Acti-dione®, and Thiram. It is recommended for the prevention and control of most turf diseases in virtually every type of grass used on golf courses.

Results of Research Project on Effect of Acti-dione Thiram in the Control of Snow Mold Development

	Rate oz/1,000 ft ²	Percent of Plot Diseased		
		≈14 Fairway	≈15 Tee	Sod Nursery
Untreated	0	83%	50%	75%
Acti-dione Thiram	8	14%	5%	5%
Improvement of Acti-dione to untreated		69%	45%	70%

From C. Ward, Country Club, Benton Harbor, Mich., Seaside Bentgrass Turf.

ENVIRONMENTAL CONSIDERATIONS

Acti-dione turf fungicides are time-proven. Because they degrade rapidly, accumulation in the soil is minimized. Consistent use of Acti-dione formulations is consistent with good management practices.

LOCAL SYSTEMIC ACTION

Acti-dione is absorbed into plant cells where it can eradicate fungi that have infected the grass. Diffusion to adjoining healthy cells helps prevent new infections.

FUNGICIDAL — NOT BACTERICIDAL

Because the ingredients are fungicidal and not bactericidal, they do not interfere with the growth and activity of beneficial bacteria necessary for the breakdown of thatch and the release of nitrogen and other nutrients.

EASY TO USE

Acti-dione itself is water soluble. Fungicide formulations containing Acti-dione are water dispersible. They are easy to mix and keep in suspension for thorough and uniform spray coverage of grass leaves. Applications call for ounces, not pounds, so there is little bulk to handle and store.

ECONOMICAL

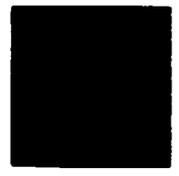
Offers more outstanding benefits for much less money than most other commercial fungicides. Compare for yourself. Acti-dione Thiram is sure to become one of your best buys.

ACTI-DIONE® TIME-TESTED TURF FUNGICIDES



Acti-dione

SPRAY THRU WINTER
(As snow thaw allows)



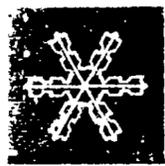
SPRING
Infected leaves appear scalded, discolored to a grayish white.

Fungus activity increases. Infection centers enlarge rapidly.



WINTER

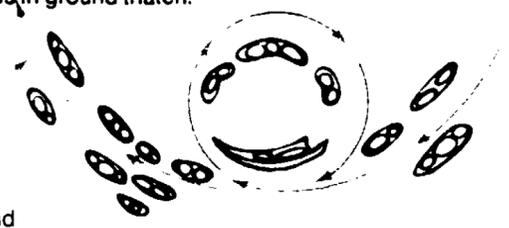
With snow cover on unfrozen ground and temperatures slightly above freezing, mycelial growth spreads to leaves.



LIFE CYCLE — GRAY SNOW MOLD



Spores form mycelial colonies in ground thatch.



SUMMER

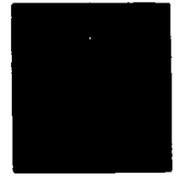
Fungus activity decreases with onset of warm weather. Turf remains discolored, may be killed.



Typhula pathogen survives warm summer months as sclerotia imbedded in the leaf.

SPRAY NOW

Spores transported by wind or splashing water to adjacent turf.



FALL
With onset of cold weather and moisture sclerotia germinate, then basidiospores form.

A snow lover, the Typhula organism flourishes when snow falls on unfrozen ground and temperatures are slightly above freezing, 32° to 40°F. Organism activity stops at sub-freezing temperatures, only to resume again in early spring, as cool, humid weather sets in. The disease organism becomes inactive during warm weather.

Best conditions for the development of Pink Snow Mold are high humidity and air temperatures from 32° to 45°F. Disease activity also shows at higher temperatures.

SEASON	DISEASES	PROGRAM*
WINTER Mid-October to late November	Snow mold	ACTI-DIONE® THIRAM Spray: Use 6 to 8 ounces in 5 gallons of water per 1,000 square feet immediately before expected permanent snow cover. If possible, use 3 ounces per 1,000 square feet after each thaw. Dry: Mix 6 to 8 ounces into 10 quarts of screened compost sand for each 1,000 square feet. Spread evenly in two directions with mechanical spreader or by hand.
SPRING From 1st mowing to mid-May	Leaf spot Dollar spot Melting-out	ACTI-DIONE TGF® Use 1 to 2 ounces per 1,000 square feet in 5 gallons of water. Start spraying 1st mowing in the spring; follow 7 to 10 c schedule.
SUMMER Mid-May to early September	Brown patch Dollar spot Melting-out Fading-out Leaf spot Rust Powdery mildew	ACTI-DIONE THIRAM Use 2 to 4 ounces in 5 gallons of water per 1,000 square feet. Spray every 7 to 10 days—every 3 to 5 days during periods high humidity.
FALL Early September to mid-October	Dollar spot Leaf spot Rust Powdery mildew	ACTI-DIONE TGF Use 1 to 2 ounces in 5 gallons of water per 1,000 square feet. Spray every 7 to 10 days.

TUCO Division of The Upjohn Company



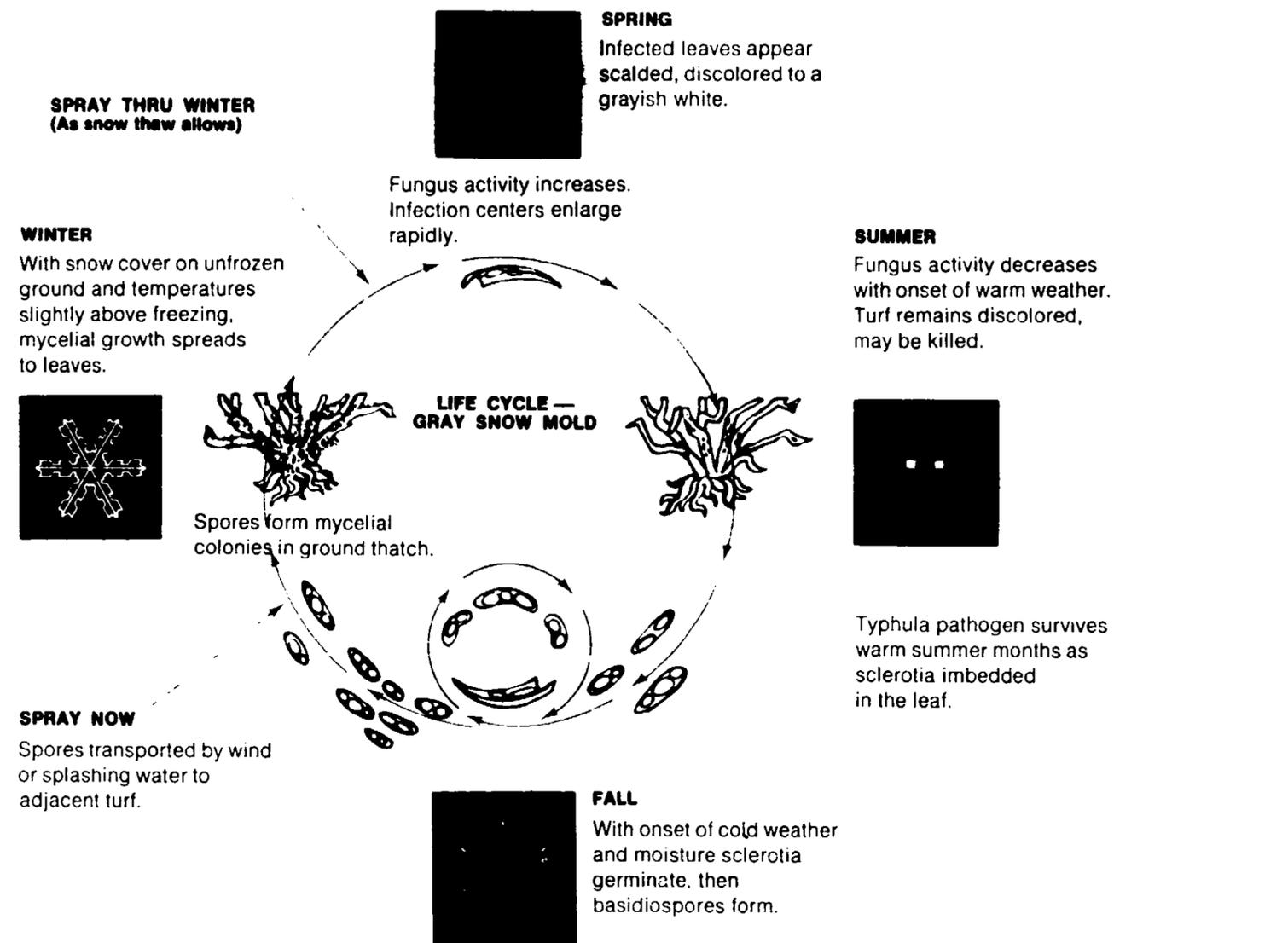


DISEASES	PROGRAM *
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Acti-dione®
 winter
 disease
 control
 program



Stop SNOW MOLD before it starts



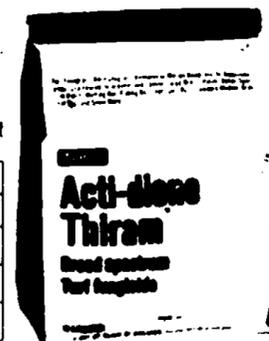
Use Acti-dione Thiram for Winter Disease Control

Good turf management practices include the use of fungicides in a Winter Disease Control Program. To control Pink and Gray Snow Molds, this program is recommended: Avoid late-season applications of nitrogen • Avoid heavy thatch or mulching that prolongs wet, cool conditions • Keep plants healthy to withstand Winter desiccation pressures • Apply an effective fungicide at recommended rates in late Fall before the first permanent snow cover and through the Winter as snow thaw allows.

Results of Research Project on Effect of Acti-dione Thiram in the Control of Snow Mold Development

	Rate oz/1,000 ft ²	Percent of Plot Diseased		
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Point O' Woods Country Club, Benton Harbor, Mich. (Seaside bentgrass turf)



Get broad-spectrum disease control Plus broad-spectrum benefits

ENVIRONMENTAL CONSIDERATIONS

Acti-dione turf fungicides are time-proven. Because they degrade rapidly, their persistence in the soil is minimized. Consistent use of Acti-dione formulations along with good management practices.

LOCAL SYSTEMIC ACTION

Acti-dione is absorbed into plant cells where it can eradicate fungi that cause disease. Diffusion to adjoining healthy cells helps prevent new infections.

FUNGICIDAL — NOT BACTERICIDAL

Because the ingredients are fungicidal and not bactericidal, they do not inhibit the growth and activity of beneficial bacteria necessary for the breakdown and release of nitrogen and other nutrients.

EASY TO USE

Acti-dione itself is water soluble. Fungicide formulations containing Acti-dione are dispersible. They are easy to mix and keep in suspension for thorough coverage of grass leaves. Applications call for ounces, not pounds, so they are easy to handle and store.

ECONOMICAL

Acti-dione fungicides offer economy that results from their effectiveness, ease of application, use, handling and storage. Compare for yourself with other fungicides.

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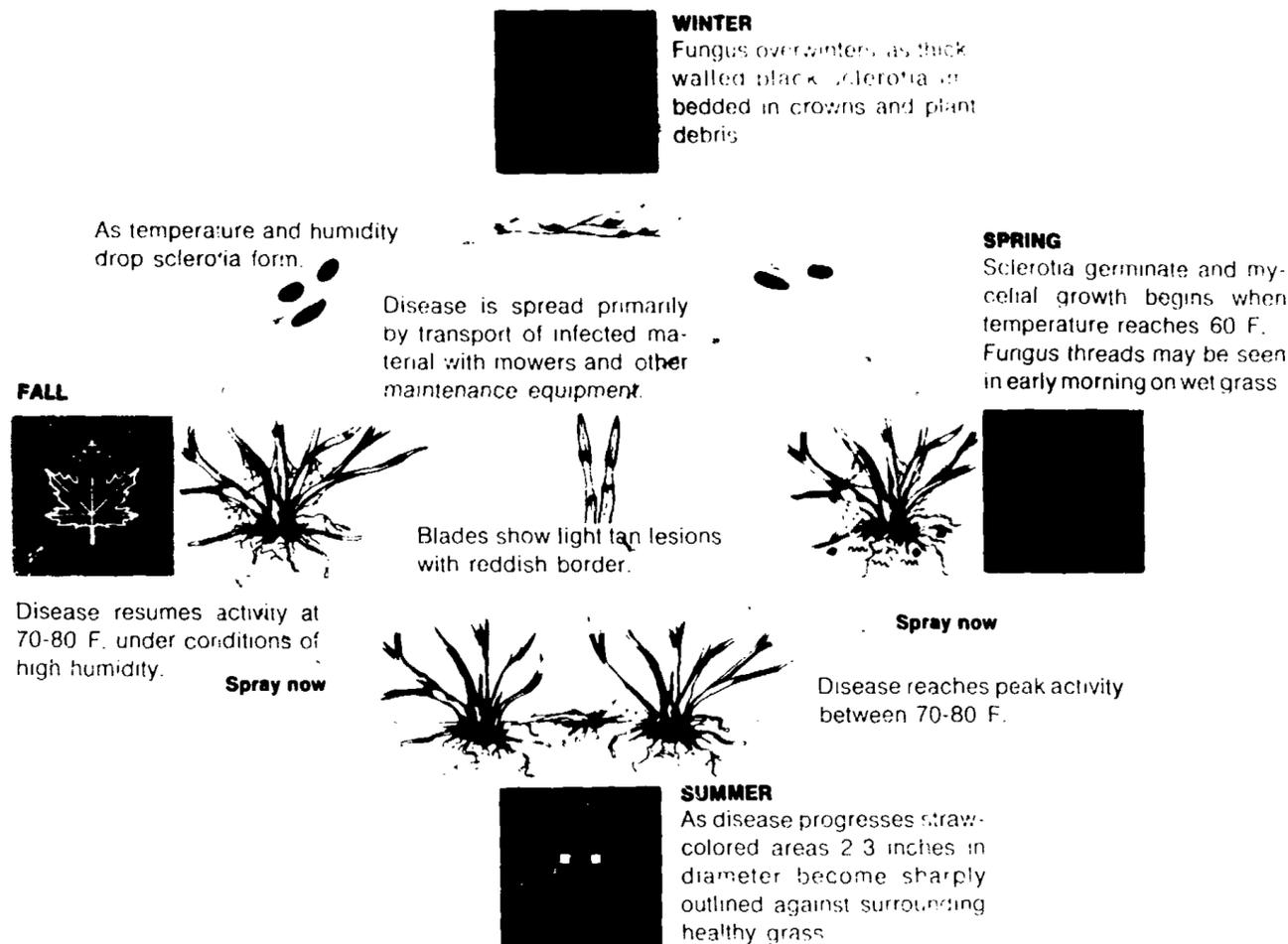
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ACTI-DIONE[®] TIME-TESTED TURF FUNGICIDES

Cool, wet weather encourages DOLLAR SPOT

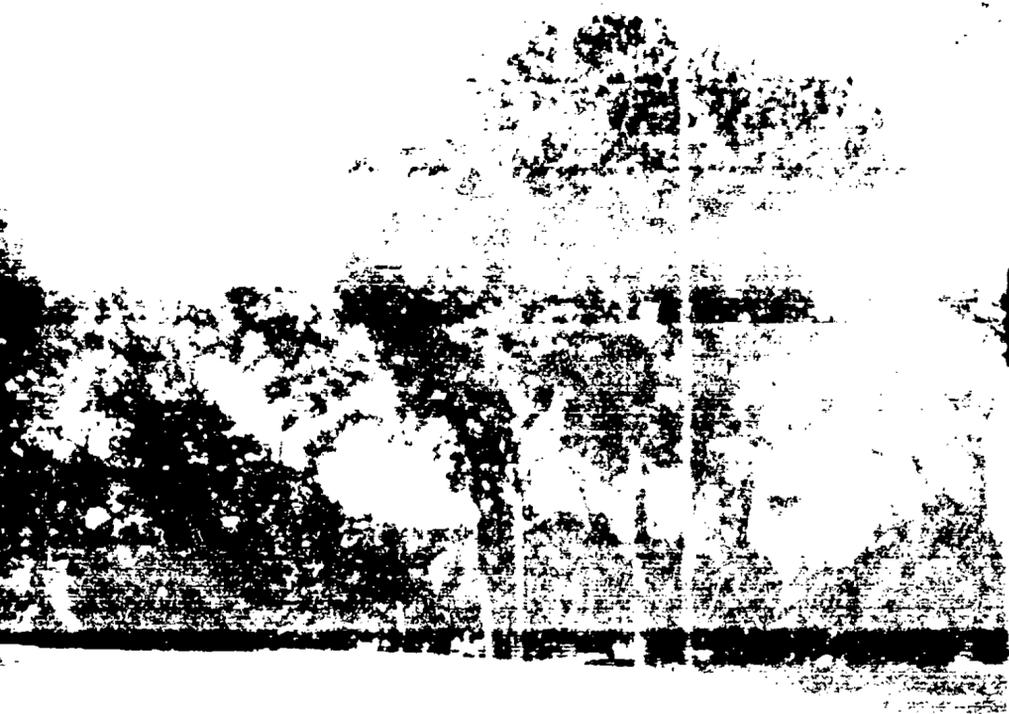


Use Acti-dione TGF to head off fall diseases

Although golf course traffic may let up in the Fall, there is no reason to let up on scientific turf management. The fungi that were especially active in the cool, wet Spring become especially active in the cool, wet weather of Fall.

They cause diseases like dollar spot and leaf spot. Rust and powdery mildew. One of the most damaging in the Fall is dollar spot, caused by the fungus *Sclerotinia homoeocarpa*. The injured spots are dark and water soaked at first. Then they turn brown and later become straw-colored. The spots are usually regular in size and shape and about two inches in diameter. When the fungus is actively growing in turf, a fine, white cobwebby mycelium shows when early morning dew is on the grass. Cool, humid weather favors spread of the disease and development of large, irregular areas of dead turf. Regular applications of Acti-dione TGF fungicide can help prevent fungal disease damage. Using Acti-dione TGF every 7 to 10 days from early September to mid-October helps to keep golf course turf grass in shape and to maintain good health as it enters the Winter season.





SEASON	DISEASES	PROGRAM*
WINTER Mid-October to late November	Snow mold	ACTI-DIONE® THIRAM Spray: Use 6 to 8 ounces in 5 gallons of water per 1,000 square feet immediately before expected permanent snow cover. If possible, use 3 ounces per 1,000 square feet after each thaw. Dry: Mix 6 to 8 ounces into 10 quarts of screened compost or sand for each 1,000 square feet. Spread evenly in two directions with mechanical spreader or by hand.
SPRING From 1st mowing to mid-May	Leaf spot Dollar spot Melting-out	ACTI-DIONE TGF® Use 1 to 2 ounces per 1,000 square feet in 5 gallons of water. Start spraying 1st mowing in the spring; follow 7 to 10 day schedule.
SUMMER Mid-May to earl. September	Brown patch Dollar spot Melting-out Fading-out Leaf spot Rust Powdery mildew	ACTI-DIONE THIRAM Use 2 to 4 ounces in 5 gallons of water per 1,000 square feet. Spray every 7 to 10 days—every 3 to 5 days during periods of high humidity.
FALL Early September to mid-October	Dollar spot Leaf spot Rust Powdery mildew	ACTI-DIONE TGF Use 1 to 2 ounces in 5 gallons of water per 1,000 square feet. Spray every 7 to 10 days.

Acti-dione®

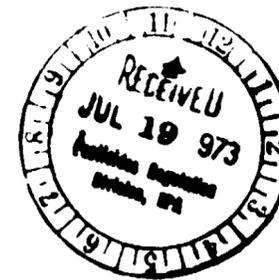
winter disease control program

TUCO Division of The T. C. Lilly Company



Acti-dione

TURF FUNGICIDES
FOR ALL SEASONS



	SEASON	PROBLEMS*	PREVENTION*
	WINTER Mid-October to mid-November	<u>Snow mold</u>	ACTI-DIONE® THIRAM Spray: Use 6 to 8 ounces in 5 gallons of water per 1,000 square feet immediately before expected permanent snow cover. If possible, use 3 ounces per 1,000 square feet after each thaw. Dry: Mix 6 to 8 ounces into 10 quarts of screened compost or sand for each 1,000 square feet. Spread evenly in two directions with mechanical spreader or by hand.
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*Read complete label directions before use.

Protect the investment you have in your golf course

Acti-dione Thiram: Broad-spectrum, year-round disease control, including snow mold. Acti-dione TGF: Contents of 15-gallon container will treat three average greens. Both formulations provide fairway protection, too.

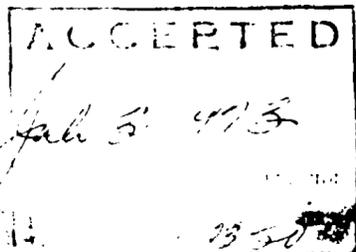
TUCO Division of The Upjohn Company



Acti-dione
winter
disease
control
program

Acti-dione

TURF FUNGICIDES
FOR ALL SEASONS



<p>Winter to Summer</p>	<p><u>Snow mold</u></p>	<p>ACTI-DIONE® THIRAM Spray: Use 6 to 8 ounces in 5 gallons of water per 1,000 square feet immediately before expected permanent snow cover. If possible, use 3 ounces per 1,000 square feet after each thaw. Dry: Mix 6 to 8 ounces into 10 quarts of screened compost or sand for each 1,000 square feet. Spread evenly in two directions with mechanical spreader or by hand.</p>
<p>Spring 1st mowing to May</p>	<p>Leaf spot Dollar spot Melting-out</p>	<p>ACTI-DIONE TGF® Use 1 to 2 ounces per 1,000 square feet in 5 gallons of water. Start spraying 1st mowing in the spring; follow 7 to 10 day schedule.</p>
<p>Summer May to September</p>	<p>Brown patch Dollar spot Melting-out Fading-out Leaf spot Rust Powdery mildew</p>	<p>ACTI-DIONE THIRAM Use 2 to 4 ounces in 5 gallons of water per 1,000 square feet. Spray every 7 to 10 days—every 3 to 5 days during periods of high humidity.</p>
<p>Fall September to October</p>	<p>Dollar spot Leaf spot Rust Powdery mildew</p>	<p>ACTI-DIONE TGF Use 1 to 2 ounces in 5 gallons of water per 1,000 square feet. Spray every 7 to 10 days.</p>

Acti-dione®
 autumn
 disease
 control
 program

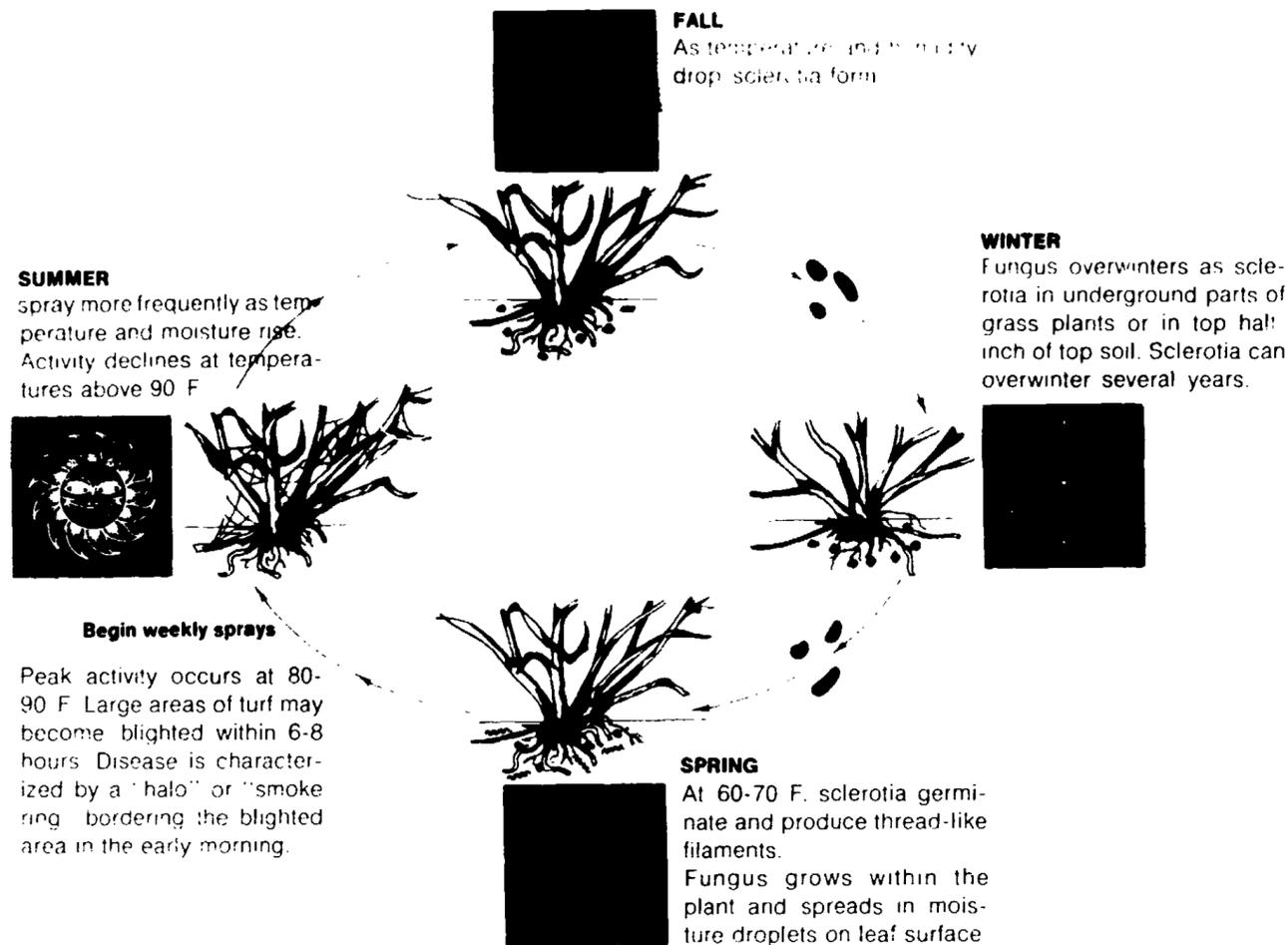
Investment you have
 course

3 year spectrum year-round disease control including snow
 F. Contents of 15.1 liter canister will treat three acres in
 as this product is a way to protect your



Division of The Upjohn Company

BROWN PATCH heads the list of summer diseases



Apply Acti-dione Thiram early and regularly

Golfers are not the only species attracted to the golf course in summer. Also attracted are the fungi that cause brown patch, dollar spot, melting-out, fading-out, leaf spot, rust and powdery mildew. Both human beings and fungi are hard on a golf course. Fortunately, many fungi can be controlled, with regular applications of Acti-dione Thiram. Starting about mid-May, make weekly applications—and perhaps every five days when temperature and high humidity encourage the growth and spread of brown patch, caused by the fungus *Rhizoctonia solani*. The grass first turns dark and the leaves wilt, with the area becoming light brown as the leaves die. The diseased areas can be up to 3 feet across, and eventually cover an entire putting green. During active growth, grayish or black mycelium may appear. Unchecked, the fungus can kill the grass to the point where reseeding or sodding may be necessary.



Get broad-spectrum disease control Plus broad-spectrum benefits

PROVEN EFFECTIVE

Acti-dione Thiram is a broad-spectrum turf fungicide that combines the effectiveness of two proven products: the antibiotic Acti-dione®, and Thiram. It is recommended for the prevention and control of most turf diseases in virtually every type of grass used on golf courses.

ENVIRONMENTAL CONSIDERATIONS

Acti-dione turf fungicides are time-proven and because they degrade rapidly, accumulation in the soil is minimized. Consistent use of Acti-dione formulations is consistent with good management practices.

LOCAL SYSTEMIC ACTION

Acti-dione is absorbed into plant cells where it can eradicate fungi that have infected the grass. Diffusion to adjoining healthy cells helps prevent new infections.

FUNGICIDAL—NOT BACTERICIDAL

Because the ingredients degrade rapidly, there is little chance for interference with the growth and activity of beneficial bacteria necessary for the breakdown of thatch and the release of nitrogen and other nutrients.

EASY TO USE

Acti-dione Thiram may be applied as a liquid with hand or power sprayers, or a hose-on proportioner. The formulation is water dispersible. This makes it easy to mix and to keep in suspension, and also helps to provide thorough and uniform coverage of grass leaves.

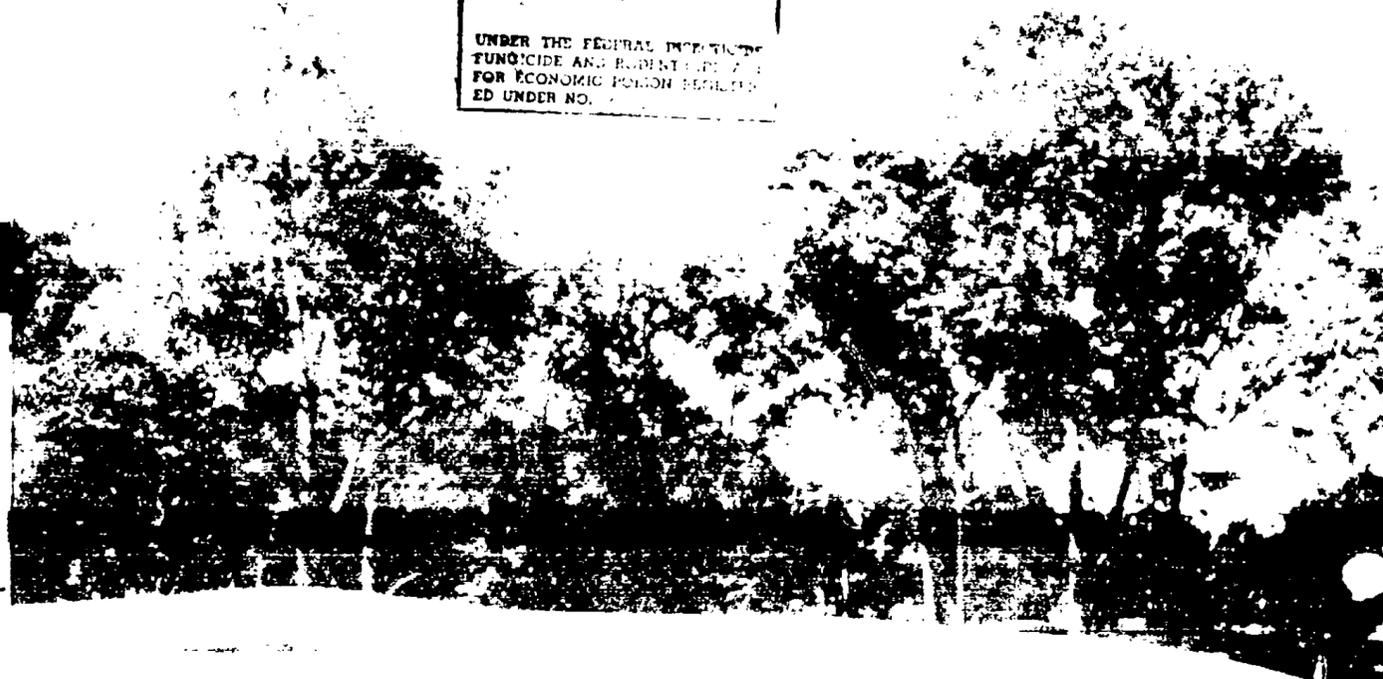
ECONOMICAL

For preventive control, 2 ounces in 5 gallons of water will cover 1,000 square feet of green, and curative control requires only 3 to 4 ounces for the same coverage.

ACTI-DIONE® TIME-TESTED TURF FUNGICIDES

THE TIME

ACCEPTED
 UNDER THE FEDERAL INSECTICIDE AND FUNGICIDE ACT FOR ECONOMIC PESTICIDE REGISTRATION UNDER NO. 100-100000



SEASON DISEASE CONTROL PROGRAM		
SEASON	DISEASES	PROGRAM*
SUMMER Mid-May to early September	Brown patch Dollar spot Melting-out Fading-out Leaf spot Rust Powdery mildew	ACTI-DIONE® THIRAM Use 2 to 4 ounces in 5 gallons of water per 1,000 square feet. Spray every 7 to 10 days—every 3 to 5 days during periods of high temperature and high humidity.
FALL Early September to mid-October	Dollar spot Leaf spot Rust Powdery mildew	ACTI-DIONE TGF® Use 1 to 2 ounces in 5 gallons of water per 1,000 square feet. Spray every 7 to 10 days.
WINTER Mid-October to late November	Snow mold	ACTI-DIONE THIRAM Spray: Use 6 to 8 ounces in 5 gallons of water per 1,000 square feet immediately before expected permanent snow cover. If possible, use 3 ounces per 1,000 square feet after each thaw. Dry: Mix 6 to 8 ounces into 10 quarts of screened compost or sand for each 1,000 square feet. Spread evenly in two directions with mechanical spreader or by hand.
SPRING From 1st mowing to mid-May	Leaf spot Dollar spot Melting-out	ACTI-DIONE TGF Use 1 to 2 ounces per 1,000 square feet in 5 gallons of water. Start spraying after the 1st mowing in the spring; follow 7 to 10 day schedule.

*Read instructions on product label carefully.

For more information on Acti-dione products, contact your local distributor or write to TUCO, Division of The Upjohn Company, P.O. Box 100, Kalamazoo, Michigan 49001.

Acti-dione Thiram: Broad-spectrum, year-round disease control, including snow mold. Acti-dione TGF: Contents of 15-ounce canister will treat three average lawns. For commercial use, provide effective, long-lasting protection.

TUCO Division of The Upjohn Company



Acti-dione®
Summer
disease
control
program



Acti-dione TGF[®] DIRECTIONS FOR USE ON FAIRWAYS



SUGGESTED SPRAY PROGRAM

With increasing demands of golfers to upgrade turf quality, fairway disease control is rapidly becoming a standard practice.

Acti-dione TGF has provided effective economical control of many turf diseases when combined with good management practices.

Acti-dione TGF is a formulation of the antibiotic Acti-dione designed for the control of specific turfgrass diseases. It is safe on turf when used according to directions. Acti-dione TGF can be used in a preventive and eradivative treatment program for:

Dollar spot, melting-out, fading-out, powdery mildew and leafspot

on

Bluegrass, fescues, ryegrass and bentgrass

For severe infestations or disease problems an increased rate of Acti-dione TGF may be used for greater effectiveness.

NOTE: Ferrous sulfate may be added to the tank mixture to enhance the activity of Acti-dione TGF and to correct iron chlorosis of the grass.

DIRECTIONS FOR USE

Acti-dione TGF may be applied as a spray with a hand or power sprayer. Allow spray to dry on the grass. Do not "water in."

The first application should be made when grass begins growth in the spring, usually after the first mowing. Succeeding applications should be made as often as necessary throughout the growing season. Usually an interval of 21-30 days between applications will maintain satisfactory control. This basic program for both bentgrass and bluegrass fairways is flexible. See following tables for suggested program. For more specific information on adapting Acti-dione to your needs, contact your TU CO representative or your local distributor.

For each acre, using at least 30-40 gallons of water per acre:

1. With agitator running add 1 package (15 oz.) of Acti-dione TGF to spray tank containing one-half the necessary amount of water.

OR

For severe disease problems, use two packages (30 oz.) of Acti-dione TGF.

2. If desired, add 1½ pounds of ferrous sulfate with either the one or two package rate of Acti-dione TGF.
3. Add rest of water while agitator is running.
4. Prepare a fresh solution each day spraying is done.

SUGGESTED PROGRAM		COURSE SCHEDULE		
Material and Rate	Application Timing	Date Applied	Rate	
Acti-dione TGF Apply at rate of 15 oz./acre In cases of severe infestation, Acti-dione TGF rate should be doubled	March 15-30	1		
	April 15-30	2		
	May 15-30	3		
	June 15-30	4		
	July 15-30	5		
	3 or 4 additional applications in July-August-September, depending on weather conditions		6	
			7	
			8	
			9	
			10	
			11	
			12	
			13	
			14	
			15	

COMPATIBILITY:

Acti-dione may be applied with most insecticides and fertilizers. However, do not mix with chlordane or alkaline materials such as lime.

ECONOMICAL TO USE:

A regular application of Acti-dione TGF every 21-30 days will help keep your fairways free from many costly and unsightly diseases.

AVAILABILITY:

Acti-dione TGF is available in 15 oz. canisters.

PRECAUTIONS:

These directions are to be used in accordance with all precautions and warnings contained on the Acti-dione TGF label. READ THE COMPLETE PRODUCT LABEL.



DIVISION OF THE UPJOHN COMPANY • KALAMAZOO, MICHIGAN 49001

ACCEPTED

July 23, 1971
UNDER THE FEDERAL INSECTICIDE
FUNGICIDE AND RODENTICIDE ACT
FOR ECONOMIC POISON REGISTER.

FOR DISEASES IN TURF GRASS

or graze treated areas. Do not feed clippings to livestock.

Net Weight 15 oz.

No. 9775

AN ANTIBIOTIC FUNGICIDE

FOR DISEASES IN TURF GRASS

ACTI-DIONE® TGF

TRADE MARK

Diseases of Ornamentals and Nursery Stock:

Acti-dione TGF can be used in the treatment of:

- Cedar-Apple Rust and Cedar-Hawthorn Rust on Cedar Trees
- Hawthorn Leaf Blight on Hawthorns
- Sour Cherry Leafspot and Powdery Mildew on Non-Bearing Cherry Trees
- Witches Broom Powdery Mildew on California Live Oak

Ask your supplier for the separate direction sheet with recommended rates and details of these uses.

Compatibility:

Acti-dione TGF may be applied with most insecticides and fertilizers. However, do not mix with chlordane or alkaline materials such as lime.

Important—Read Before Use:

By using this product user accepts the following conditions, warranty, disclaimer of warranties and limitations of liability:

Conditions:

The directions for use of this product are believed to be adequate and should be followed carefully. However, because of extreme weather and soil conditions, manner of use and other factors beyond TUCO's control, it is impossible for TUCO to eliminate all risks associated with use of this product. As a result, crop injury or ineffectiveness is always possible.

Warranty and Disclaimer of Warranties:

TUCO warrants that this material conforms to the chemical description on the label and is reasonably fit for use under the directions and conditions on this label. TUCO AND SELLER MAKE NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS, MERCHANTABILITY OR OTHERWISE.

Limitations of Liability:

The liability of TUCO or Seller for damages arising from the use of this product is limited to the replacement cost of the product used and shall not include any consequential damages such as loss of profits or other values.

No Changes Authorized:

No one (other than an authorized agent of TUCO) is authorized to make any other warranty, or change the above conditions, disclaimer or limitations and then only if in writing and with a specific reference to this label.

GENERAL INFORMATION

Read all label directions, precautions, and conditions of sale before using Acti-dione TGF. Acti-dione TGF is an antibiotic fungicide effective for the prevention and control of certain fungus diseases of turf grasses and ornamental or nursery plantings.

WARNING! Keep out of reach of children.

Harmful or fatal if swallowed. May be irritating if contacted or inhaled. Avoid contact with skin, eyes, or clothing. Use rubber gloves when mixing or spraying. Wash thoroughly after handling. Avoid breathing dust. Do not contaminate feed and foodstuffs. Do not use on pasture grasses. Do not reuse container. Destroy when empty.

This product is toxic to fish and wildlife. Keep out of lakes, streams or ponds. Do not contaminate water by cleaning of equipment, or disposal of wastes. Birds feeding on treated areas may be killed.

FIRST AID: External:

In case of contact, immediately flush eyes with plenty of water for 15 minutes. Wash skin immediately with soap and water.

FIRST AID: Internal:

If swallowed, induce vomiting immediately by sticking finger down throat or by giving soapy or strong salty water to drink. Repeat until vomit is clear. Call a physician. Never give anything by mouth to an unconscious person.

See Bottom of Cannister for "Lot Number" and "Use Before" Date

LSP

U.S.D.A. Reg. No. 1023-50

TUCO DIVISION OF THE UPJOHN COMPANY
KALAMAZOO, MICHIGAN 49001, U.S.A.

This product is toxic to fish and wildlife. Birds feeding on treated areas may be killed. Keep out of any body of water.

Do not apply where runoff is likely to occur. Do not contaminate water by cleaning of equipment, or disposal of wastes. Do not apply when weather conditions favor drift from areas treated. Apply this product only as specified on this label.

Active Ingredient

Cycloheximide 2.1% w/w
(3-[2-(3,5-dimethyl-2-oxocyclohexyl)-2-hydroxyethyl]-glutarimide)

Inert Ingredient 97.9% w/w
100.0% w/w

DIRECTIONS FOR USE

Equivalents: 1 oz. Acti-dione TGF = 3 standard level tablespoons

Turf Diseases:

Dollarspot, melting-out, fading-out, rust, powdery mildew and leafspot on Bentgrass, fescue, ryegrass and bluegrass turf.

How Much to Use:

One package (15 oz.) of Acti-dione TGF in 75 gallons of water will treat 15,000 sq. ft. or three average golf greens. For small areas, use 1 oz. of Acti-dione TGF per 1,000 sq. ft. in 5 gallons of water. For severe disease problems, use two packages (30 oz.) of Acti-dione TGF in 75 gallons of water to treat 15,000 sq. ft., or 2 oz. of Acti-dione TGF per 1,000 sq. ft. in 5 gallons of water. Ferrrous sulfate may be added to the tank mixture at the rate of 1/2 lb. per 15,000 sq. ft. 1/2 oz. per 1,000 sq. ft. to enhance the activity of Acti-dione and correct iron chlorosis in the grass.

How to Apply:

Prepare a fresh mixture each day spraying is done. With agitator running, add recommended quantity of Acti-dione TGF to spray tank containing one-half the necessary amount of water. Add ferrrous sulfate if desired. Add rest of water while agitator is running. Spray the mixture on the grass using a power sprayer, hand sprayer or hose-on proportioner. Allow the grass to dry. Do not water in.

When to Apply:

How often Acti-dione TGF is applied depends on weather conditions. Ordinarily one application every 7 to 10 days is recommended, but hot, humid conditions which are favorable for fungus disease may make it necessary to spray every 5 to 7 days.

Golfcourse Fairways and Other Large Turf Areas:

A special program is recommended. Ask your supplier for the separate direction sheet with details of this program.

To replace paragraph as indicated.