

TURF DISEASE CONTROL

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DISEASE	PESTICIDE	RATES (OZS./1000 ft ²)	REMARKS
Algae	Chlorothalonil (Concord DF, Concord SST, Daconil Ultrex, Daconil Weatherstik, Daconil Zn, Echo DF, Manicure, Evade, Prograde 500)	1.8 to 7.4 oz. at 7-14 day intervals	Make sure surface drainage is good. Spike, slice or aerify if necessary. Recent label changes by manufacturers restrict use on commercial turf only and not to be used on home lawns.
	Mancozeb (Fore, Manzate, Protect T/O, Dithane)	80WP - 6 oz. 4F - 9.6 fl oz.	
	Mancozeb + Copper Sulfate (Junction)	2-4 oz. At 7-14 day intervals	May cause phytotoxicity during hot weather.
	Triticonazole (Trinity, Triton)	0.5 to 1.0 fl oz. at 14-28 day intervals	For algae suppression.
Brown Patch (<i>Rhizoctonia solani</i>) and Dollar Spot (<i>Sclerotinia homeocarpa</i>)	Azoxystrobin (Heritage 50WG, TL)	0.2 to 0.4 oz. at 14 to 28 day intervals	Not recommended for Dollar Spot.
	Boscalid (Emerald)	0.13 to 0.18 oz. at 14 to 21 day intervals	Apply when conditions are favorable for disease development.
	<i>Bacillus subtilis</i> Strain QST713 (Rhapsody)	2.0 to 10 fl oz. at 7-10 day intervals	Apply in sufficient water to provide thorough coverage. 2 gal /1000 ft ² is commonly used.
	Chlorothalonil (Concord DF, Concord SST, Daconil Ultrex, Daconil Weatherstik, Daconil Zn, Echo DF, Manicure, Evade, Prograde 500)	Flowable 40.4% Preventive: Brown Patch - 3-6 fl. oz. at 7-10 day intervals Dollar Spot - 3-6 fl. oz. at 7-14 day intervals Curative: Brown Patch - 6-11 fl. oz. at 7-10 day intervals Dollar Spot - 6-11 fl. oz. at 7-14 day intervals Wettable Powder (WDG90) Preventive: Brown Patch - 1.75-3.5 oz. at 7-10 day intervals Dollar Spot - 1.75-3.5 oz. at 7-14 day intervals. 4 oz = 15 Tbs. Curative: Brown Patch - 3.5-6.5 oz at 7-10 day intervals Dollar Spot - 3.5-6.5 oz at 7-14 day intervals	Recent label changes by manufacturers restrict use on commercial turf only and not to be used on home lawns.
	Fenarimol (Rubigan A.S. 11.6)	0.75 - 1.5 fl. oz. at 10-21 day or 14-28 day intervals respectively for Dollar Spot	
	Fludioxonil (Medallion)	0.5 to 0.9 oz. at 14-28 day intervals	Use as preventative. Begin application when conditions are favorable for fungal infection; prior to disease symptom development.
	Flutolanil (ProStar 70WP)	Preventive: 2.2 oz. at 21-28 day intervals Curative: 4.5 oz. Repeat in 30 days.	Use of wetting agent or aerification prior to treatment may improve disease control. Do not treat more than 10,000 ft. Per acre of turfgrass
	Fluoxastrobin (Disarm 480 SC)	0.18 to 0.36 fl. oz. at 21 day intervals	Recommended for Brown patch. For optimum results begin applications preventatively and continue as needed (21 day intervals). To limit the potential for development of fungicide resistance use a maximum of 2 sequential applications of a QoI fungicide followed by at least an equal number of applications of another mode of action fungicide
	Iprodione (Chipco 26GT, Chipco 26019, Iprodione Pro 2SE)	2-4 fl. oz. in 2-10 gals. water. Apply every 14-21 days. 1.5 oz. = 9 Tbs 1.5-2.0 oz. At 14-21 day intervals 3-4 fl. oz at 14-28 day intervals	Not for use in residential areas
	Mancozeb + Copper Hydroxide (Junction)	2-4 oz. at 7-14 day intervals	

TURF DISEASE CONTROL (continued)

DISEASE	PESTICIDE	RATES (OZS./1000 ft ²)	REMARKS
Brown Patch (<i>Rhizoctonia solani</i>) and Dollar Spot* (<i>Sclerotinia homeocarpa</i>) (cont.)	Maneb, Maneb + zinc sulfate, Mancozeb (Tersan LSR, Fore, Dithane, Protect T/O, etc.)	Preventive: 3-4 oz. in 3-5 gals. water at 7-10 day intervals Curative: 6-8 oz. in 3-5 gals. water at 7-10 day intervals 3 oz. = 10 Tbs.	
	Metconazole (Tourney)	Dollar Spot – 0.18 to 0.37 oz. at 14-21 day intervals Brown Patch – 0.28 to 0.37 oz. at 14-21 day intervals	Apply when conditions are favorable for disease development. Do not use on bermudagrass.
	Myclobutanil (Eagle 40WSP)	Preventive: 0.6 oz. at 10-28 day intervals (3 oz. pkt/5000 ft ²)	Do not apply more than 7.2 oz./1000 ft ² per year.
	PCNB (Defend, Engage, Penstar, Revere, Terraclor, Turfcide, Turfgo)	Brown Patch – warm season grasses - 16 oz. in 10 to 15 gal. water at 3-4 weeks cool season grasses - 3-4 oz. in 3 to 6 gal. water at 7-10 days Dollar Spot – 7 to 10 oz. in 5 to 10 gal. water at 3 to 4 weeks	
	Polyoxin D (Endorse)	4 oz. in a minimum of 2 gallons at 14 day intervals	Do not irrigate for 12 hrs after application. *Not recommended for Dollar Spot.
	Propiconazole (Banner Maxx, Banner GL, Savvi, Propiconazole Pro, Prophecy)	1-2 fl. oz. (Dollar Spot & Brown Patch) 2-5 gals. water at 14-28 day intervals for dollar spot and 14-21 day intervals for Brown Patch. As conditions become more severe, use the shorter application schedule and the higher rate Banner GL individual packets; one packet treats 11,000-22,000 ft ²	Do not mow or irrigate treated areas until grass is completely dry. Do not use on home lawns. Bermudagrass and St. Augustine grass can be sensitive to Banner. Do not exceed 2 fl. oz. per 1000 ft ² every 30 days on any variety of bermudagrass or St. Augustinegrass.
	Pyraclostrobin (Insignia)	0.5 - 0.9 oz. at 14-28 day intervals	For Dollar Spot, begin applications prior to or in the early stages of disease development. Use shorter specified application interval and / or higher specified rate when prolonged favorable disease conditions exist.
	Thiram (Spotrete F, Tersan)	Preventative: 3 ¾ fl. oz. at 7-10 day intervals Curative: 7 ½ fl. oz. at 3-5 day intervals	For best results use spray mix the same day it is prepared. Spray right after mowing or avoid mowing 12 hrs after application.
	Triadimefon (Bayleton 25WP, Granular turf fungicide, Systemic fungicide, Fungicide VII)	Preventive: 1 oz./2-4 gals. water Curative: 2 oz./2-4 gals. water. 1 oz. = 6 Tbs. Preventive: 1.5 lb at 15-30 day intervals Curative: 3 lb at 15-30 day intervals Syst. Fung. 0.5-1 oz. At 15-30 day intervals	Apply recommended rate at 15-30 day intervals. Protective activity can be longer than 30 days depending on environmental conditions. After the application of curative rate, subsequent applications should be applied on a preventative schedule and rate.
	Trifloxystrobin (Compass)	Preventive: 0.1-0.2 oz. in 1-2 gals. of water per 1000 ft ² at 14 day intervals Curative: 0.15-0.25 oz. in 1-2 gals. of water per 1000 ft ²	Apply when conditions are favorable for disease development. Apply 0.2 oz. and repeat on a 21 day intervals. During periods of Dollar Spot pressure, mix Compass with fungicides labeled for Dollar Spot.
	Thiophanate methyl (Cleary's, 3336, 3336 Plus, Topsin, Fungo, Absorb TM, Cavalier, Systec 1998)	Wettable Powder (50%) 2 oz./5 gals. water Apply at 7-10 day intervals Dollar spot fairways—1 oz./5 gals water Apply at 2-4 week intervals Flowable 46.2 % 1-2 fl. oz. at 10-14 day intervals	
	Triticonazole (Trinity, Triton)	0.5 to 1.0 fl. oz. for Dollar Spot at 14-28 day intervals. 0.5 to 2.0 fl. oz. for Brown Patch at 14-28 day intervals.	2 fl. oz. rate may be applied if needed in transition areas of the South under heavy disease pressure.
Vinclozolin (Vorlan, Curalan, Touche) (For Dollar Spot)	2 oz./5 gals. water 2 oz. = 8.5 Tbs	Repeat application in 1-3 weeks while disease conditions prevail. Toxic to fish.	

TURF DISEASE CONTROL (continued)

DISEASE	PESTICIDE	RATES (OZS./1000 ft ²)	REMARKS
Fairy Ring	Azoxystrobin (Heritage 50WG)	0.4 oz. applied at 28 day intervals	
	Flutolanil (ProStar 70WP)	Preventive: 2.2 oz. at 21-28 day intervals Curative: 4.5 oz. at first sign of activity Repeat in 30 days. Apply in 10 to 50 gals. water/1000 ft ² .	Use of wetting agent or aeration prior to treatment may improve disease control. Do not treat more than 10,000 ft. Per acre of turfgrass.
	Metconazole (Tourney)	0.37 oz.	Apply in 4 gal water/1000 ft ² . Symptoms may take several weeks to disappear following application. Do not use on bermudagrass.
	Pyraclostrobin (Insignia)	0.5 to 0.9 oz. at 14-28 day intervals	Use as preventative. Begin application when conditions are favorable for fungal infection; prior to disease symptom development.
	Polyoxin D (Endorse)	4 oz. in a minimum of 2 gallons at 7 day intervals	Make 2-3 applications. Use a penetrating wetting agent. Water in immediately after treatment.
Fusarium	Azoxystrobin (Heritage 50 WG, TL)	0.2 to 0.4 oz. at 14 to 28 day intervals	
	Fenarimol (Rubigan AS 11.6)	Patch - 8 fl. oz. Apply 1 or 2 applications	Use caution on bentgrass at high rate (See label).
		Blight - 2 fl. oz. at 30 day intervals	Irrigate with ½ to 1" of water following application.
	Fluoxastrobin (Disarm 480 SC)	0.18 to 0.36 fl. oz. at 14-28 day intervals	Begin applications when conditions are favorable for disease development, prior to disease development.
	Iprodione (Chipco 26GT; Chipco 26019, Iprodione Pro 2SE, Fungicide X)	Blight - 8 fl. oz. repeat applications at 28 day intervals	Use only preventative foliar applications when conditions first become favorable for disease development.
		1.5-2.0 oz. At 14-21 day intervals	
		3-4 fl. oz. at 14-28 day intervals	Not for use in residential areas.
	Mancozeb + Copper Hydroxide (Junction)	2-4 oz. at 7-14 day intervals	
	PCNB (Defend, Engage, Penstar, Revere, Terraclor, Turfcide, Turfgo)	8 oz. in 10 to 15 gal. water	Caution on Bentgrass for phytotoxicity.
	Pyraclostrobin (Insignia)	0.5 to 0.9 oz. at 14-28 day intervals	Use as preventative. Begin application when conditions are favorable for fungal infection; prior to disease symptom development.
	Thiophanate Methyl Cleary's, 3336, 3336 plus, Topsin, Fungo, Absorb TM, Cavalier, Systec 1998)	Patch - 2 oz. Repeat at 5 to 14 day intervals	
Blight - 4-8 oz. Apply 2 applications at 10-14 day intervals		Water into root zone after application.	
Triadimefon (Bayleton 25WP) Granular turf fungicide, Systemic fungicide, Fungicide VII)	2 oz. on 15 day intervals or 4 oz. on 30 day intervals.	Apply first in mid-June or 30 days prior to time blight normally becomes evident.	
	Preventive. 1.5 lb at 15-30 day intervals		
	Curative. 3 lb at 15-30 day intervals Syst. Fung. 0.5-1 oz. At 15-30 day intervals		
Trifloxystrobin (Compass)	Apply 0.2-0.25 oz. Fall-Early Spring	Apply when conditions are favorable for disease development.	
Vinclozolin (Vorlan, Curalan, Touche)	Patch - 2-4 oz. Repeat at 7-21 day intervals		

TURF DISEASE CONTROL (continued)

DISEASE	PESTICIDE	RATES (OZS./1000 ft ²)	REMARKS
Gray Leaf Spot (Pyricularia)	Azoxystrobin (Heritage 50WG, TL)	0.2 to 0.4 oz. at 14 to 28 day intervals	
	Chlorothalonil (Daconil 2787, Concord DF, Concord SST, Daconil Ultrex, Daconil Weatherstik, Daconil Zn, Echo DF, Manicure)	Flowable Preventive: 3-6 fl. oz. at 7-10 day intervals Curative: 6-11 fl. oz. at 7-10 day intervals Wettable Powder (WDG90) Preventive: 1.75-3.5 oz. at 7-10 day intervals Curative: 3.5-6.5 oz. at 7-10 day intervals	Recent label changes by manufacturers restrict use on commercial turf only and not to be used on home lawns.
	Fluoxastrobin (Disarm 480 SC)	0.18 to 0.36 fl. oz. at 14--28 day intervals	Begin applications when conditions are favorable for disease development, prior to disease development.
	Polyoxin D (Endorse)	4 oz. in a minimum of 2 gallons at 14 day intervals	Do not irrigate for 12 hrs after application.
	Metconazole (Tourney)	0.37 oz. at 14-21 day intervals	Apply when conditions are favorable for disease development. Do not use on Bermudagrass.
	Propiconazole (Banner Maxx Banner GL, Savvi, Propiconazole Pro, Prophesy)	2 fl. oz. at 14 day intervals Banner GL individual packets; one packet treats 11,000-22,000 FT ²	
	Pyraclostrobin (Insignia)	0.5 to 0.9 oz. at 14-28 day intervals	Use as preventative. Begin application when conditions are favorable for fungal infection; prior to disease symptom development.
	Thiophanate Methyl (Cleary's, 3336, 3336 Plus, Topsin, Fungo, Absorb TM, Cavalier, Systec 1998)	Preventive: 1 oz. /5 gal. water. Apply 10-14 days as needed Curative: Apply 2 oz./5 gal. water	
	Trifloxystrobin (Compass)	Apply 0.15-0.2 oz. in 1-2 gals. water at 14 day intervals or 0.25 oz. in 1-2 gals. water at 21 day intervals.	Apply when conditions are favorable for disease development.
Zineb	4 oz. in 5-10 gals. water 4 oz. = 13 Tbs.		
Helminthosporium, Curvularia, Leaf Spots, Rusts, Anthracnose	Azoxystrobin (Heritage 50WG, TL)	0.2-0.4 oz. Apply on a 14-28 day intervals	
	<i>Bacillus subtilis</i> Strain QST713 (Rhapsody)	2.0 to 10 fl. oz. at 7-10 day intervals	Apply in sufficient water to provide thorough coverage. 2 gal /1000 ft ² is commonly used.
	Chlorothalonil (Concord DF, Concord SST, Daconil Ultrex, Daconil Weatherstik, Daconil Zn, Echo DF, Manicure, Evade, Prograde 500)	Flowable Preventive: 3-6 fl. oz. at 7-10 day intervals Curative: 6-11 fl. oz. at 7-10 day intervals Wettable Powder (WDG90) Preventive: 1.75-3.5 oz. at 7-10 day intervals Curative: 3.5-6.5 oz. at 7-10 day intervals	Recent label changes by manufacturers restrict use on commercial turf only and not to be used on home lawns.
	Fludioxonil (Medallion)	0.2 to 0.5 oz. at 14 to 21 day intervals	Apply when conditions are favorable for disease development.
	Fluoxastrobin (Disarm 480 SC)	0.18 to 0.36 fl. oz. at 14-28 day intervals	Begin applications when conditions are favorable for disease development, prior to disease development.
Iprodione (Chipco 26GT, Chipco 26019, Iprodione Pro 2SE, Fungicide X)	2-4 fl. oz. in 2-10 gals. water Apply every 14-21 days. 2 oz. = 12 Tbs. 1.5-2.0 oz. at 14-21 day intervals 3-4 fl. oz. at 14-28 day intervals	Not for use in residential areas.	

TURF DISEASE CONTROL (continued)

DISEASE	PESTICIDE	RATES (OZS./1000 ft ²)	REMARKS
Helminthosporium, Curvularia, Leaf Spots, Rusts, Anthracnose (cont.)	Mancozeb + Copper Hydroxide (Junction)	2-4 oz. at 5 day intervals	
	Maneb, Maneb + zinc sulfate & Mancozeb (Fore, Protect T/O)		See "Brown Patch Disease" on preceding pages
	Myclobutanil (Eagle WSP 40, Golden Eagle)	Preventive: 0.6 oz. at 14 day intervals (3 oz. pkt./5000 ft ²)	Do not graze treated areas or feed clippings to livestock
	Metconazole (Tourney)	0.28 to 0.37 oz. at 14-21 day intervals	Apply when conditions are favorable for disease development. Do not use on bermudagrass.
	PCNB (Defend, Engage, Penstar, Revere, Terraclor, Turfcide, Turfgo)	7-10 oz. in 5 to 10 gal. water at 3-4 weeks.	
	Polyoxin D (Endorse)	4 oz. in a minimum of 2 gallons at 14 day intervals	Do not irrigate for 12 hrs after application.
	Propiconazole (Banner Maxx, Banner GL, Savvi, Propiconazole Pro, Prophecy)	1-2 fl. oz. 14-28 Banner GL individual packets; one packet treats 11,000-22,000 ft ²	If anthracnose is present use 2 oz. rate in combination with Daconil or Chipco 26GT. Do not mow or irrigate treated areas until grass is completely dry. Do not use on home lawns. Bermudagrass and St. Augustinegrass can be sensitive to Banner. Do not exceed 2 fl. oz./1000 ft ² every 30 days on any variety of bermudagrass or St. Augustine grass. On bentgrass, do not exceed 1 oz./1000 ft ² or apply at less than 21 day intervals when temperatures exceed 80°F.
	Pyraclostrobin (Insignia)	0.5 to 0.9 oz. at 14-28 day intervals	Use as preventative. Begin application when conditions are favorable for fungal infection; prior to disease symptom development.
	Thiophanate Methyl (Cleary's, 3336, 3336 Plus, Topsin, Fungo, Absorb TM, Cavalier, Systec 1998)	Preventive: 1 oz. /5 gal. water (Anthracnose). Apply 10-14 days as needed Curative: Apply 2 oz./5 gal. water	
	Trifloxystrobin (Compass)	Preventive: Apply 0.1-0.15 oz. at 14 day intervals Curative: Leaf spot - 0.15-0.25 oz. in 1-2 gals. water at 21-28 day intervals Rust - 0.2-0.25 oz. in 1-2 gals. water at 21 day intervals Preventive: Anthracnose - 0.15-0.2 oz. at 14 day intervals in 1-2 gals. water Curative: 0.25 oz. at 21 day intervals in 1-2 gals. Water	Apply when conditions are favorable for disease.
	Triticonazole (Trinity, Triton)	0.5 to 1.0 fl. oz. at 14-28 day intervals	
	Vinclozolin (Vorlan (Curalan, Touche)	1-2 oz. (Helminthosporium) at 14-28 day intervals	
Pythium Blight or Pythium Root Rots	Azoxystrobin (Heritage 50WG, TL)	0.4 oz. on 10-14 day intervals	
	Chloroneb (Termec SP, Terraneb, Proturf fungicide)	4 oz. in 3-5 gals. water 4 oz. = 12.5 Tbs.	

TURF DISEASE CONTROL (continued)

DISEASE	PESTICIDE	RATES (OZS./1000 ft ²)	REMARKS
Pythium Blight or Pythium Root Rots (cont.)	Cyazofamid (Segway)	0.45-0.9 fl. oz. at 14-21 day intervals	Apply as a preventative treatment at 0.45 to 0.9 fl. oz. in 2 to 4 gals. of water. On established turf apply as a preventative treatment when conditions are favorable for disease development. During periods of prolonged favorable conditions use 0.45 fl. oz. on a 14 day interval, using another fungicide having a different mode of action between applications of Segway. For newly seeded areas use 0.45 fl. oz. in 2-4 gals. water immediately after seeding.
	Etridiazole (Koban 30WP, Terrazole)	Established Turf: 2-4.5 oz. in 5 gals. water Newly Seeded Areas: 7-9 oz. in 5 gals. water. 4 oz. = 9.5 Tbs. Terrazole=2-4.5 oz. At 10-14 day intervals	Retreat in 5-10 days depending on weather conditions. Can cause phytotoxicity on cool season turfs in hot weather at low carrier volumes.
	Fosetyl AL (Alliette 80WP, Chipco Signature, Prodigy Signature)	4-8 oz. in 1-5 gal. water per 1000 ft ² at 14-21 day intervals. Begin preventive applications when conditions first favor disease and repeat as recommended 4-8 oz 14-21 day intervals	Do not mow and/or water treated areas until foliage is completely dry
	Fluoxastrobin (Disarm 480 SC)	0.18 to 0.36 fl. oz. at 14 day intervals	Begin applications when conditions are favorable for disease development, prior to disease development. When conditions are conducive for heavy Pythium infections use Disarm in combination with another product labeled for Pythium control.
	Mefenoxam (Subdue, Subdue Maxx)	Established Turf: 2X WSP: 5-25 oz. Maxx: 0.5-1 fl. oz. in 1-5 gals of water Newly Seeded Areas: 2X WSP: 0.11-0.56 oz. in 1-5 gals of water Maxx: 0.5-1 fl. oz. in 1-5 gals of water	Retreat at 10-14 day intervals depending on disease pressure and weather conditions. Apply immediately after seeding and irrigate with ¼ to ½" water. Repeat application at 7-14 day intervals if conditions remain favorable for disease.
	Mancozeb + Copper Hydroxide (Junction)	2-4 oz. At 5 day intervals	
	Phosphorous acid (Alude)	5 to 10 fl. oz. at 7-14 day intervals	Apply recommended quantity of product in 1 to 5 gals. of water. Do not irrigate or mow treated areas until spray has completely dried.
	Phosphate (Magellan, Vital)	4.1 fl. oz. at 14 days 8.2 fl. oz. at 21 days	Do not irrigate or mow treated areas until spray has completely dried. Begin preventative applications when conditions first favor disease.
	Propamocarb (Banol)	Preventative: 1.25-2 fl. oz. in 2-5 gals. water Curative: 3-4 fl. oz. in 2-5 gals. water	Established Turf: Apply as a preventative treatment during periods of high temperature and humidity. Overseeded Areas: Apply after germination. Repeat at 7-21 day intervals if favorable disease conditions persist.
	Propamocarb + Fluopicolide (Stellar)	1.2 fl. oz.	The maximum Stellar application rate is 2.4 oz. per year per 1000 ft ² . Overseeded Turf: Apply after seed germination to prevent Pythium damping off. Established Turf: Apply when conditions are favorable for disease development.
Pyraclostrobin (Insignia)	0.5 to 0.9 oz. at 14-28 day intervals	Use as preventative. Begin application when conditions are favorable for fungal infection; prior to disease symptom development.	
Spring Dead Spot (<i>Ophiosphaerella korrae</i> , <i>Ophiosphaerella narmari</i> , <i>Ophiosphaerella herpotricha</i>)	Azoxystrobin (Heritage 50 WG, TL)	0.4 oz. at 28 day intervals	Make 1 or 2 applications in fall or when conditions are favorable for disease development.
	Fenarimol (Rubigan A.S.)	4 oz. in September or 6 oz. in October or November and irrigated with ½ to 1" of water	
	Fluoxastrobin (Disarm 480 SC)	0.36 fl. oz. at 28 day intervals	Begin applications before disease is present and continue applications while conditions for disease development are present. Make two applications 28 days apart during spring or fall.
	Propiconazole (Banner Maxx, Banner GL, Savvi, Propiconazole Pro, Prophecy)	4 oz. at 30 day intervals. Banner GL individual packets; one packet treats 11,000-22,000 ft ²	Make 1-3 applications. For one application apply in September or October. For multiple applications, begin sprays in August.

TURF DISEASE CONTROL (continued)

DISEASE	PESTICIDE	RATES (OZS./1000 ft ²)	REMARKS
Take all patch/root rot (<i>Gaeumannomyces graminis</i>)	Azoxystrobin (Heritage 50 WG)	0.4 oz. at 28 day intervals	Make 1 or 2 applications in fall or when conditions are favorable for disease development.
Bermuda Decline	Fenarimol (Rubigan A.S.)	4 oz. in September or 6 oz. in October or November and irrigated with ½ to 1" of water	
	Fluoxastrobin (Disarm 480 SC)	0.36 fl. oz. at 14 day intervals	Apply 1-2 applications approximately one month before turfgrass dormancy. ¼ to ½" of direct irrigation is recommended after application.
	Propiconazole (Banner Maxx, Banner GL, Savvi, Propiconazole Pro, Prophesy)	4 oz. at 30 day intervals. Banner GL individual packets; one packet treats 11,000-22,000 ft ²	Make 1-3 applications. For one application apply in September or October. For multiple applications, begin sprays in August.
	Pyraclostrobin (Insignia)	0.5 to 0.9 oz. at 14-28 day intervals	Use as preventative. Begin application when conditions are favorable for fungal infection; prior to disease symptom development.
	Triadimefon (Bayleton 25WP, Granular turf fungicide, Systemic fungicide)	Preventative = 2 oz. start sprays 2 to 4 weeks before symptoms reappear. Re-apply every 3-4 weeks Curative = 4 oz. make 1-2 sprays on a 2-3 week interval followed by the preventative rate at 3-4 week interval	Apply 2 to 4 gallons of spray volume per 1,000 ft ² . Thoroughly water after each application.
	Triticonazole (Trinity, Triton)	0.5 to 1.0 fl. oz. at 14-28 day intervals.	Make 1 or 2 fall applications (September and October) and 1 or 2 spring applications (April and May) depending on local conditions.