

Mode of action symbols on turf and ornamental product labels*

● Symbols are a ready aid in resistance management

One of the most vital factors to consider in an optimal resistance management program is each product's mode of action (MOA). Mode of action refers to the biochemical mechanism by which a chemical kills a pest. Target site of action refers to the physical location at which the pesticide exerts this action. Mode of action and target site of action are often used interchangeably in practice and are combined as MOA in this information sheet.

For your benefit, all active ingredients from all chemical manufacturers have now been assigned a "group number" based on their MOA. This numbering system allows a quick, easy determination of whether different products have the same or different MOA, thereby aiding in the selection of products in a rotation program.

● Symbols are in easy-to-read format

To help ensure standardization, the EPA requested chemical companies to voluntarily include a pesticide's MOA group number in a standard format on the label. This is the format you see as you view Syngenta labels. Remember, even if a label does not contain a MOA symbol, determining the MOA of a product is important in effective resistance management.

Example of a product containing one active ingredient

GROUP 5 HERBICIDE

This example indicates the presence of a Group 5 herbicide (simazine) in the final packaged product.

Example of a premix containing four active ingredients

GROUP 3 11 FUNGICIDES

GROUP 3 4 INSECTICIDES

This example indicates the presence of Group 3 and 11 fungicides and Group 3 and 4 insecticides in the final packaged product.

● How should these symbols be used?

- By knowing the MOA of each product, you can more readily manage your product rotation, as you move from one mode of action to another.
- By comparing two labels, you can quickly determine if the products have different modes of action.
- For premix labels, you can determine if more than one MOA is included—and which ones.

● A quick reference list

SYNGENTA FUNGICIDES	
GROUP 1	Arbotect® 20-S (thiabendazole)
GROUP 3	Alamo®, Banner MAXX® (propiconazole)
GROUP 4	Subdue MAXX® (mefenoxam)
GROUP 11	Heritage®, Heritage® TL (azoxystrobin)
GROUP 12	Medallion® (fludioxonil)
GROUP M5	Daconil® Weather Stik®, Daconil ULTREX®, Daconil Zn® (chlorothalonil)
GROUP 3 11	Headway™ (propiconazole, azoxystrobin)
GROUP 3 12 M	Instrata™ (propiconazole, fludioxonil, chlorothalonil)
GROUP 3 M	Concert™ (propiconazole, chlorothalonil)

SYNGENTA INSECTICIDES	
GROUP 3	Scimitar® CS, Scimitar GC* (lambda-cyhalothrin)
GROUP 4	Flagship®, Meridian™ (thiamethoxam)
GROUP 6	Avid® (abamectin)
GROUP 7B	Award® (fenoxycarb)
GROUP 9B	Endeavor® (pymetrozine)
GROUP 17	Citation® (cyromazine)

*Scimitar GC is a Restricted Use Pesticide

SYNGENTA HERBICIDES	
GROUP 1	Fusilade® II Turf and Ornamental (fluzafop-p-butyl)
GROUP 2	Monument® (trifloxysulfuron sodium)
GROUP 3	Barricade® 4FL, Barricade 65WG (proflaminate)
GROUP 5	Princep® Liquid (simazine)
GROUP 9	Touchdown® PRO (glyphosate)
GROUP 15	Pennant MAGNUM® (S-metolachlor)
GROUP 22	Reward® (diquat dibromide)

● Other resistant management resources

MOA symbols should NEVER be used alone to make resistance management decisions. One may determine how to best reduce the potential development of resistant pests by reviewing:

- All the resistance management recommendations on the product label
- Bulletins and websites of agricultural chemical companies and Extension
- Websites of Resistance Management Committees (Fungicide) www.frac.info/frac/index.htm (Herbicide) www.plantprotection.org/HRAC/ (Insecticide) www.irac-online.org

*Excludes antimicrobial, consumer, home and garden, and other non-agricultural labels.

Fungicides for Turfgrass Disease Control

Reinders

BRAND NAME	ACTIVE INGREDIENT	MODE OF ACTION FRAC CODE	GROUP	RISK OF RESISTANCE	MOBILITY	MANUFACTURER
Affirm	polyoxin D zinc	19	Polyoxin	Moderate	Local Systemic	Cleary
Agri-Phos	phosphites	33	Phosphonate	Low	Phloem-MS	Agrichem
Armada	triadimefon	3	DMI	Moderate	Xylem-MS	Bayer Environmental Services
Banner MAXX II	propiconazole	3	DMI	Moderate	Xylem-MS	Syngenta
Banol	propamocarb	28	Carbamate	Low	Local Systemic	Bayer Environmental Science
Bayleton	triadimefon	3	DMI	Moderate	Xylem-MS	Bayer Environmental Science
Chipco 26019	iprodione	2	Dicarboximide	Moderate	Local Systemic	Bayer Environmental Science
Chipco 26GT	iprodione	2	Dicarboximide	Moderate	Local Systemic	Bayer Environmental Science
Chipco Signature	fosetyl-Al	33	Phosphonate	Low	Phloem-MS	Bayer Environmental Science
Cleary 2636	iprodione + thiophanate-methyl	2 / 1	Dicarboximide + MBC	Moderate	Local Systemic + Xylem-MS	Cleary
Cleary 3336 Plus	thiophanate-methyl	1	MBC	High	Xylem-MS	Cleary
Compass	trifloxystrobin	11	Strobilurin	High	Local Systemic	Bayer Environmental Science
Concert	chlorothalonil + propiconazole	M5 / 3	Chloronitrile + DMI	Moderate	Contact + Xylem-MS	Syngenta
Curalan EG	vinclozolin	2	Dicarboximide	Moderate	Local Systemic	BASF
Daconil 5G	chlorothalonil	M5	Chloronitrile	Not Significant	Contact	Syngenta
Daconil Ultrex	chlorothalonil	M5	Chloronitrile	Not Significant	Contact	Syngenta
Daconil Weatherstik	chlorothalonil	M5	Chloronitrile	Not Significant	Contact	Syngenta
Daconil ZN	chlorothalonil	M5	Chloronitrile	Not Significant	Contact	Syngenta
Defiant	thiram	M3	Dithiocarbamate	Not Significant	Contact	Tamenco
Dithane	mancozeb	M3	EBDC	Not Significant	Contact	Dow AgroSciences
Eagle 20EW	myclobutanil	3	DMI	Moderate	Xylem-MS	Dow AgroSciences
Emerald	boscalid	7	Carboximide	Moderate	Xylem-MS	BASF
Fathom	propiconazole	3	DMI	Moderate	Xylem-MS	PROKoZ
Fluid Fungicide	iprodione + thiophanate-methyl	2 / 1	Dicarboximide + MBC	Moderate	Local Systemic + Xylem-MS	The Andersons
Fore Rainshield	mancozeb	M3	EBDC	Not Significant	Contact	Dow AgroSciences
Fungicide V	chloroneb	14	Misc Aromatic	V. Low	Contact	The Andersons
Fungicide VII	triadimefon	3	DMI	Moderate	Xylem-MS	The Andersons
Fungicide IX	chlorothalonil + thiophanate-methyl	M5 / 1	Chloronitrile + MBC	Moderate	Contact + Xylem-MS	The Andersons
Fungicide X	iprodione	2	Dicarboximide	Moderate	Local Systemic	The Andersons
Golden Eagle	myclobutanil	3	DMI	Moderate	Xylem-MS	The Andersons

Fungicides for Turfgrass Disease Control

BRAND NAME	ACTIVE INGREDIENT	MODE OF ACTION FRAC CODE	GROUP	RISK OF RESISTANCE	MOBILITY	MANUFACTURER
Headway	azoxystrobin + propiconazole	3 / 11	Strobilurin + DMI	Moderate	Xylem-MS	Syngenta
Heritage	azoxystrobin	11	Strobilurin	High	Xylem-MS	Syngenta
Hoist 40WSP	myclobutanil	3	DMI	Moderate	Xylem-MS	PROKoZ
Honor Intrinsic	pyraclostrobin + boscalid	7 + 11	Strobilurin + Carboximide	Moderate	Local Systemic + Xylem-MS	BASF
Insignia	pyraclostrobin	11	Strobilurin	High	Local Systemic	BASF
Instrata	chlorothalonil + propiconazole + fludioxonil	3 / 12 M5	Chloronitrile + DMI + Phenylpyrrole	Moderate	Contact + Xylem-MS	Syngenta
Interface	iprodione + trifloxystrobin	2 + 11	Dicarboximide + Strobilurin	Moderate	Local Systemic	Bayer Environmental Services
Junction	mancozeb + copper hydroxide	M3	EBDC	Not Significant	Contact	SePro
Mainsail	chlorothalonil	M5	Chloronitrile	Not Significant	Contact	Prokoz
Medallion	fludioxonil	12	Phenylpyrrole	Moderate	Contact	Syngenta
Prophecy DG	propiconazole	3	DMI	Moderate	Xylem-MS	The Andersons
Prostar 70WP	flutolanil	7	Carboximide	Moderate	Xylem-MS	Bayer Environmental Science
Pythium Control	mefenoxam / metalaxyl	4	Phenylamide	High	Xylem-MS	The Andersons
Renown	chlorothalonil + azoxystrobin	M5 + 11	Chloronitrile + Strobilurin	Moderate	Contact + Xylem-MS	Syngenta
Reserve	chlorothalonil + triticonazole	M5 + 3	Chloronitrile + DMI	Moderate	Contact + Xylem-MS	Bayer Environmental Services
Spotrete	thiram	M3	Dithiocarbamate	Not Significant	Contact	Cleary
Stress Phiter	phosphites	33	Phosphonate	Low	Phloem-MS	Agrichem
Stellar	fluopicolide + propamocarb	1 / 28	MBC + Carbamate	Low - Moderate	Xylem-MS + Local Systemic	Valent Professional Products
Subdue MAXX	mefenoxam / metalaxyl	4	Phenylamide	High	Xylem-MS	Syngenta
Systemic Fungicide	thiophanate-methyl	1	MBC	High	Xylem-MS	The Andersons
Tartan/Armada	triadimefon + trifloxystrobin	3 / 11	DMI + Strobilurin	Moderate	Xylem-MS	Bayer Environmental Science
Teremec SP	chloroneb	14	Misc Aromatic	V. Low	Contact	PBI Gordon
Torque	tebuconazole	3	DMI	Moderate	Xylem-MS	Cleary
Tourney	metconazole	3	DMI	Moderate	Xylem-MS	Valent Professional Products
Transom	thiophanate-methyl	4/3	Phenylamide + DMI	High	Xylem-MS	PROKoZ
Trinity	triticonazole	3	DMI	Moderate	Xylem-MS	BASF
Triton	triticonazole	3	DMI	Moderate	Xylem-MS	Bayer Environmental Science
Turfcide 10G	PCNB	14	Misc Aromatic	V. Low	Contact	PROKoZ
Turfcide 400	PCNB	14	Misc Aromatic	V. Low	Contact	PROKoZ

Fungicides

Reinders



26/36 *Clearly*
A.I. Iprodione + Thiophanate methyl
 26/36 is a new, premixed combination of two trusted turf and ornamental fungicides, iprodione and thiophanate methyl. The contact and systemic activity of 26/36 is effective against a broad spectrum of diseases while providing long lasting control.
4218 2.5 Gallon



ARMADA 50 WP *Bayer Environmental Science*
A.I. Trifloxystrobin, Triadimefon
 For control of foliar and stem diseases of ornamentals and fruit trees grown in interiorscapes (such as shopping malls, shopping centers, hotel lobbies, etc.), residential and commercial landscapes.
3843819 (8 x 4 x 3 oz.) Case
3843932 Mini Drum (32 x 9 oz.)



3336 PLUS *Clearly*
A.I. Thiophanate-methyl
 3336 PLUS with ClearTec™ Activation Technology™ is Clearly's latest disease control solution for turf. 3336 PLUS is a reengineered product that delivers enhanced efficacy and up to 50% longer lasting disease control on golf fairways when compared to 3336, all while using less active ingredient at effective use rates.
4176 2.5 Gallon



BANNER MAXX II *Syngenta*
A.I. Propiconazole
 Banner MAXX II is a broad spectrum systemic fungicide for use on turfgrasses for the control of dollar spot, brown patch, summer patch, anthracnose, red thread, pink patch, rust powdery mildew, stripe smut and many other turfgrass diseases. It also controls numerous diseases on ornamentals and other landscape and nursery plantings (refer to product label).
51435 1 Gallon
52491 10 Gallon



AFFIRM *Clearly*
A.I. Polyoxin D zinc
 Affirm WDG an 11.3% granular formulation of polyoxin D, controls the same diseases as Endorse, is offered in a 2.4lb package size, three per 7.2 lb case.
4195 7.2 lb Case



BANOL *Bayer Environmental Science*
A.I. Propamocarb
 Banol is a completely water miscible fungicide concentrate. Banol is intended for use on turfgrass which is subject to Pythium Blight (Cotton Blight, Grease Spot). It may be used after germination to control Pythium damping-off in turf, or on established turf to prevent or control Pythium Blight.
15442 1 Gallon
4199773 2 x 2.5 Gallon



AGRI-FOS *Agrichem*
A.I. Mono- and di-potassium salts of Phosphorous Acid
 Systemic Fungicide for the effective control of various plant diseases including Black Spot or Scab in apple, Pythium in turf, Downy Mildew, Phytophthora & Pythium in ornamentals & bedding plants.
2070-025 2.5 Gallon



BAYLETON *Bayer Environmental Science*
A.I. Triadimefon
 A new, water-based, suspension concentrate formulation, Bayleton easily mixes directly into water, providing improved product dispersment. The product is easy to measure and provides superior preventive control of a broad-spectrum of diseases, including dollar spot, brown patch, fairy ring and gray leaf spot. Bayleton continues to be available in water soluble packaging
6011232 2.5 Gallon FLO
229610 (4 x 4 x 5.5oz.) Case 50W
3728688 Mini Drum (50 x 11 oz.) 50W

Fungicides



CHIPCO 26019 *Bayer Environmental Science*
A.I. Iprodione

Chipco 26019 Flo is a fungicide for the prevention and control of certain diseases of turfgrass and ornamentals.

20994 2.5 Gallon



CONCERT *Syngenta*
A.I. Propiconazole + Chlorothalonil

Concert is a combination of systemic and contact fungicides that provides broad-spectrum control of many important plant diseases.

1754-025 2 x 2.5 Gallon Case



CHIPCO 26 GT *Bayer Environmental Science*
A.I. Iprodione

Chipco brand 26GT FLO Fungicide is a foliar applied fungicide, recommended for turfgrass disease control on golf courses, sod farms, home lawns, and institutional areas where fine turf is grown. Chipco 26GT controls dollar spot, brown patch, large patch, fusarium blight and necrotic ring spot. It also controls the winter diseases fusarium patch (pink snow mold) and gray snow mold.

20988 2.5 Gallon



CURALAN® EG *BASF*
A.I. Vinclozolin

The broad-spectrum fungicide that provides cost effective control of spots, mold, and patches while providing up to 28 days control of dollar spot and leaf spot in cool and warm-season turfgrass.

59011092-025 2.75 lb. bag



CHIPCO-SIGNATURE *Bayer Environmental Science*
A.I. Fosetyl-Al

Chipco Aliette brand Signature is a systemic fungicide which may be used in a seasonal program for the control of Pythium diseases, such as blight and root rot, and yellow turf on common turfgrasses on golf courses, sod farms and other turf areas.

21373 4 x 5.5 lb. Case



DACONIL ULTREX *Syngenta*
A.I. Chlorothalonil

Daconil Ultrex T&O is a broad spectrum fungicide labeled for the control of dollar spot melting-out, brown blight, brown patch, gray leaf spot, red thread, anthracnose, copper spot and stem rust.

75066 20 lbs. (4 x 5 lbs.)
 75067 40 lbs. (4 x 10 lbs.)



COMPASS *Bayer Environmental Science*
A.I. Trifloxystrobin

Compass combines the best of contacts and systemics, providing locked-in disease control. Compass is a broad spectrum fungicide for golf, lawn and landscape, and ornamentals. Compass provides effective control of brown patch, gray leaf spot, anthracnose, leaf spot, red thread, rust, fusarium patch, pink snow mold and summer patch. (Refer to label for ornamental diseases controlled.)

220452 1 lb. Bottle
 220454 Mini Drum (20 x 8 oz)



DACONIL WEATHERSTIK™ *Syngenta*
DACONIL ZN
A.I. Chlorothalonil

Broad-spectrum fungicide for use on turf and ornamentals. Formulated to use on golf course tees, greens, fairways and ornamentals. For anthracnose, brown patch, leaf spot, Helminthosporium, Sclerotinia, algal scum, snow mold, rust and many more.

75108 2 x 2.5 Gallon (Weatherstik)
 75064 2 x 2.5 Gallon (ZN)

Fungicides

Reinders



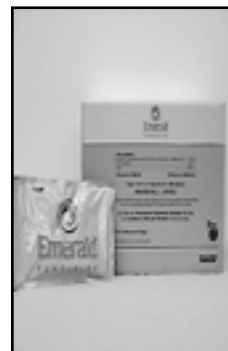
DACONIL 5G *The Andersons*
A.I. Chlorothalonil
 Daconil 5G is a granular form of the popular 2787 fungicide for applications where a liquid fungicide is neither practical or possible. Daconil is effective in the control of dollar spot, leaf spot, brown patch, gray leaf spot, red thread and anthracnose.
AGCFDC2.1 25 lb. Bag



EAGLE 20EW *Dow Agrosciences*
A.I. Myclobutanil
 A systemic, protectant and curative fungicide for disease control in turfgrass (including golf course fairways, roughs, tees and greens), landscape ornamentals, greenhouse and nursery ornamentals.
255639 1 Gallon
173917 1 Pint



DEFIANT *Taminco*
A.I. Thiram
 Defiant is a broad-spectrum fungicide for use in parks, golf courses, rights-of-way, commercial landscapes, etc. to control Dollar Spot, Brown Patch and Fusarium Patch.
51031-C08 Case (4 x 10 lb.)



EMERALD *BASF*
A.I. Boscalid
 Emerald provides unprecedented dollar spot control in virtually every major turf species. Emerald represents a new standard in effectiveness and longevity for dollar spot control. Emerald does not produce any turf regulating effects.
59021462 1.47 lb. Pack



DITHANE RAINSHIELD *Dow*
A.I. Mancozeb
 Dithane® Rainshield® turf and ornamental specialty fungicide is a broad spectrum ornamental contact fungicide for preventative control of rust, scab and other key diseases.
172861 Case (4 x 12 lb.)



FLUID FUNGICIDE *The Andersons*
A.I. Iprodione + Thiophanate-methyl
 This Fluid Fungicide is used to prevent/control Leaf Spot, Dollar Spot, Melting Out, Brown Patch, Pink Snow Mold and Anthracnose.
AGC833861 Case (4 x 1/2 gal)



DORADO *Syngenta*
A.I. Propiconazole
 Dorado 14.3 Mec provides broad-spectrum systemic control of selected diseases in turf and ornamentals. This product is most effective in a preventative disease control program.
26085 2.5 Gallon



FORE® RAINSHIELD® *Dow*
A.I. Mancozeb
 Fore® Rainshield® turf and ornamental specialty fungicide is a unique broad-spectrum fungicide for preventative control of brown patch and other key turfgrass diseases.
172874 8 x 4 x 24 oz. Case

Fungicides



FUNGICIDE V *The Andersons*

A.I. Chloroneb

Fungicide V is a granular fungicide for the prevention/control of Pythium Blight and Gray Snow Mold. Corn cob carrier.

AGC87135 32.7 lb. Bag



GOLDEN EAGLE *The Andersons*

A.I. Myclobutanil

Golden Eagle is a granular fungicide that prevents/controls Brown Patch, Dollar Spot, Anthracnose and other diseases. Golden Eagle prevents Summer Patch and Necrotic Ring Spot. DG Pro.

AGC8583 44 lb. Bag



FUNGICIDE VII *The Andersons*

A.I. Triadimefon

Fungicide VII is a granular fungicide that prevents/controls Brown Patch, Dollar Spot (including benzimidazole-tolerant strains), anthracnose and rust. DG Pro.

AGC8573 29.1 lb. Bag



HEADWAY *Syngenta*

A.I. Azoxystrobin + Propiconazole

Headway uses the power of two active ingredients to deliver broad-spectrum disease control against dollar spot, brown patch, and many other major turf diseases. Using dual modes of action helps ward off disease resistance and allows Headway to control a wider range of diseases than any other currently registered product.

26328 1 Gallon
30766 10 Gallon LinkPak



FUNGICIDE IX *The Andersons*

A.I. Chloroneb + Thiophanate-methyl

Fungicide IX is a granular fungicide used to prevent/control Gray Snow Mold, Pythium Blight, Dollar Spot, Brown Patch, Copper Spot and Pink Snow Mold. Corn cob carrier.

AGC8549.1 42.2 lb. Bag



HERITAGE® *Syngenta*

A.I. Azoxystrobin

Heritage fungicide is the only fungicide with activity against both Rhizoctonia spp. and Pythium diseases of turf. Heritage has both contact and systemic activity and offers control up to 28 days for many diseases.

74240 50W, 1 lb.
74818 50W, 6 lb. Jug
21327 TL, 1 Gallon
21332 TL, 10 Gallon LinkPak
35687 G, 30 lbs.



FUNGICIDE X *The Andersons*

A.I. Iprodione

Fungicide X is a granular fungicide that prevents/controls Brown Patch, Leaf Spot, Red Leaf Spot, Pink Snow Mold and Gray Snow Mold. Pulp carrier.

AGC8510-1 52.8 lb. Bag



HOIST 40WSP *Prokoz*

A.I. Myclobutanil

Hoist contains Eagle, a locally systemic fungicide having both preventative and curative properties that will translocate onto new growth. Hoist gives you consistent disease control, whatever the weather, even under the most demanding conditions.

172867 4 x 4 x 3 ozs. Case

Fungicides

Reinders



HONOR INTRINSIC *BASF*
A.I. Pyraclostrobin + Boscalid
 A combination of pyraclostrobin, the active ingredient in Insignia® fungicide, and boscalid, the active ingredient in Emerald® fungicide. This new pre-mix provides two modes of action and delivers unsurpassed control of the top diseases such as dollar spot, fairy ring, anthracnose, patch diseases (brown, take-all, and summer), leaf spots and many others. Intrinsic is a brand of products from BASF that provide disease control and plant health benefits.
59012350 3 lb. Jug



JUNCTION *SePro*
A.I. Mancozeb + Copper Hydroxide
 Junction is a dry flowable broad spectrum fungicide for golf courses, industrial or municipal turf areas and professional applications to residential lawns. Junction provides effective control of Helminthosporium Melting-out, Rusts, Copper Spot, Fusarium Blight, Powdery Mildew, Red Thread, Slime Mold, Algae, Dollar Spot, Rhizoctonia Brown Patch, Pythium Blight and Fusarium Snow Mold. (Refer to product label for ornamental diseases controlled).
10072 Case (4 x 6 lbs.)



INSIGNIA *BASF*
A.I. Pyraclostrobin
 Insignia serves as a foundation product for reliable disease control, offers reliable control of an exceptionally broad spectrum of turf diseases. It offers long-lasting control-up to 28 days with a single application.
59049227 2.4 lb. Pouch
59049232 7.2 lb. Package



MAINSAIL *Prokoz*
A.I. Chlorothalonil
 Mainsail is a contact fungicide that provides broad-spectrum control of 14 turfgrass diseases and algae, over 40 diseases of field grown and container ornamentals, and numerous tree and orchard crop diseases. Effective for strategic use in programs that attempt to minimize disease resistance to fungicides.
PK75108 Case (2 x 2.5 Gallon) 6F
PK75066 20 lb case WDG



INSTRATA *Syngenta*
A.I. Chlorothalonil + Propiconazole + Fludioxonil
 Instrata combines the active ingredients chlorothalonil, fludioxonil, and propiconazole in a proprietary formulation created by Syngenta. The combination of active ingredients, and their multiple modes of action, enables Instrata to control all of the numerous pathogens that cause snow mold throughout the often extended period of winter snow-cover.
26327 2.5 Gallon



MEDALLION *Syngenta*
A.I. Fludioxonil
 Medallion® represents the market's first fungicide based on the unique phenylpyrrole chemistry. Different from other fungicide products on the market today, Medallion's formulation is highlighted by application rates that offer up to 38 times less active ingredient (AI) per 100 gallons of solution.
51691 Case (4 x 8 x 1 oz.)
30427 Case (2 x 16 x 5 oz.)



INTERFACE *Bayer Environmental Sciences*
A.I. Iprodione
 Interface Fungicide is a foliar applied fungicide, specified for turfgrass disease control on golf courses, sod farms, and institutional areas where fine turf is grown. Interface Fungicide is effective in controlling the following diseases: Dollar Spot, Brown Patch, Large Patch*, Fusarium Blight and Necrotic Ring Spot*, Leaf Spots, Corticum Red Thread. Fusarium Patch (Pink Snow Mold) and Gray Snow Mold.
79703406 2.5 Gallon



PROPHECY .72G DG PRO *Andersons*
A.I. Propiconazole
 Prophecy on DG Pro is a great granular choice for Snow Mold control, as a pretreat for Microdochium or as a companion to PCNB, Iprodione or Medallion.
AGCDGP23 40 lb. Bag

Fungicides



PROSTAR 70WP *Bayer Environmental Science*

A.I. Flutolanil

Prostar 70WP is a water soluble, systemic fungicide that should be used particularly for control of Rhizoctonia Brown Patch (Zoysa Patch), and has excellent safety on Kentucky Bluegrass, Creeping Bentgrass, Perennial Ryegrass, Red Fescue, Tall Fescue. Prostar 70 WP is also labeled for the control of Fairy Ring, Red Thread/Pink Patch, Yellow Patch/Southern Blight, Gray Snow Mold and Large Brown Patch.

79422377 Case (4 x 3 lbs.)



SPOTRETE *Cleary*

A.I. Thiram

For the control of select foliar diseases in nonresidential turf, and animal repellency on deciduous and evergreen trees and shrubs (and non-bearing vines and orchards).

432-025 2.5 Gallon



PYTHIUM CONTROL *The Andersons*

A.I. Metalaxyl

Prevents and controls Pythium blight and Pythium damping-off in established and newly seeded turf.

AGC8560-2 28.3 lb. Bag



STELLAR *Valent*

A.I. Fluopicolide + Propamocarb

Stellar™ Fungicide is a unique, synergistic fungicide premix that offers excellent control of Pythium due to its novel mode of action. Stellar is a combination of the new chemistry of fluopicolide and the proven power of propamocarb.

61900.485 104 oz. Bottle



RENOWN *Syngenta*

A.I. Chlorothalonil & Azoxystrobin

Renown is a broad spectrum fungicide with contact, systemic, preventive and curative properties recommended for the control of many important plant diseases. Renown is recommended for use in programs that are compatible with the principles of Integrated Pest Management (IPM).

38680 2.5 Gallon



STRESS PHITER *Agrichem*

STRESS PHITER is used on trees, shrubs, ornamentals, turf and other plants when they are stressed and not doing well. It is a liquid systemic product and has a dipotassium molecule that helps plants overcome various stresses that they encounter during the growing season.

2071-025 2.5 Gallon

2071-30 30 Gallon

2071-55 55 Gallon



RESERVE *Bayer Environmental Sciences*

A.I. Trifluoromethylbenzimidazole & chlorothalonil

Reserve is a new StressGard™ formulated fungicide with a dual mode of action is now registered for use on golf course turf. Reserve® fungicide protects turf against all major diseases, improves plant health, resulting in improved turf density and quality.

79559321 2.5 Gallon



SUBDUE MAXX *Syngenta*

A.I. Mefenoxam

Subdue MAXX is a liquid, systemic fungicide that is labeled to control pythium blight and pythium damping-off in turf, and yellow turf in bluegrass. Subdue MAXX is also labeled to control damping-off and root and stem rot diseases caused by pythium and phytophthora in ornamentals, and phytophthora root rot in conifers in nurseries.

53195 1 Gallon

53185 10 Gallon

Fungicides



SYSTEMIC FUNGICIDE *The Andersons*

A.I. Thiophanate-methyl

Systemic Fungicide (Fungo G) is a granular fungicide used to prevent/control Brown Patch, Dollar Spot and Copper Spot. Now with DG Pro.

AGC8539 29.7 lb. Bag



TRANSOM 4.5F

Prokoz

A.I. Thiophanate-methyl

For control of a broad spectrum of diseases of herbaceous, bedding, flowering and tropical foliage plants, shrubs, trees and flowers in the landscape, interiorscape, nursery and greenhouse, containerized woody shrubs and trees, and turfgrass.

5090-025 2.5 Gallon



TARTAN *Bayer Environmental Science*

A.I. Triadimefon + Trifloxystrobin

Tartan fungicide is a new, broad-spectrum product, which provides preventative and curative disease control. Designed specifically for golf courses, Tartan may be used on greens, tees, fairways, and roughs to provide 21-day control.

5811383 2.5 Gallon



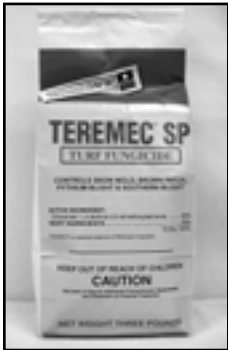
TRINITY

BASF

A.I. Triconazole

Trinity™ fungicide delivers unbeatable value for controlling a broad spectrum of diseases, even during the summer stress period. Plus, it's the ideal tank-mix partner for Insignia® fungicide to control your most troublesome turf problems.

5901138 2.5 gallon



TEREMEC SP *PBI Gordon*

A.I. Chloroneb

Teremec® SP is a contact turf fungicide containing chloroneb for the control of pythium blight, snow mold, brown patch and southern blight. One of the most cost-effective products for controlling these turf-destroying disease organisms, Teremec® SP has been a standard in golf course and other turf management situations.

0646-36 Case (12 x 3 lb.)

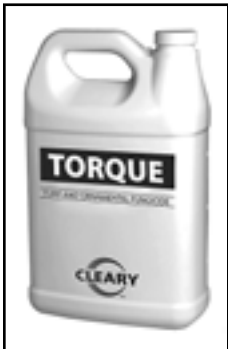


TRITON 70 WDG *Bayer Environmental Science*

A.I. Triconazole

A new generation of active ingredient that offers superior control for dollarspot, brown patch and anthracnose. This unique mode of action provides 14-28 day residual through absorption by plant roots, crowns, and shoots. Contains Bayer's Stress Gard Technology that provides healthier, greener, stress-free plant conditions.

79400195 2 lb. Jug

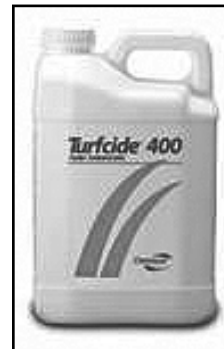


TORQUE *Cleary*

A.I. Tebuconazole

TORQUE represents the first Tebuconazole formulation labeled for turf and ornamental uses. This new, easy mixing water based suspension formula, contains 3.6 lb AI/gallon and provides highly effective and long lasting disease management.

4145 1 Gallon



TURFCIDE 400 + 10G

Amvac

A.I. PCNB

Turfcide 400 provides contact & preventative control of certain air-borne diseases in turf grass.

2002-025 2.5 Gallon
TC40030 30 Gallon
2003-50 50 Lb. Bag
4012980 4 Gallon

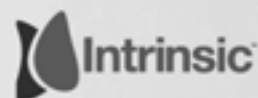


TOURNEY *Valent*

A.I. Metconazole

Tourney™ Fungicide provides consistent control of the "Big 3" turf diseases-brown patch, anthracnose and dollar spot. Even dollar spot that is resistant to thiophanate-methyl. All with exceptional turf quality and low use rates.

61710.480 5 lb. Bottle



“I’ll make dollar spot pay.”



“Even the best turf can fall victim to disease. But with Honor® Intrinsic™ brand fungicide, I won’t go down easily. On top of unsurpassed disease control, research shows that Honor Intrinsic’s plant health benefits give me a better root system so I can stand up to stresses like drought and moisture events, extreme temperatures, and aeration—better than ever.”

Intrinsic brand fungicides don’t just fight disease; they give turf the resilience to endure stress. Find out more by contacting Randy Lusher, 630-810-1832, randy.lusher@basf.com.

 **BASF**
The Chemical Company

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