

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 (fluzifop-p-butyl)
GROUP 2	Monument® (trifloxysulfuron sodium)
GROUP 3	Barricade® 4FL, Barricade 65WG (proflumicarb)
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.

BRAND NAME	ACTIVE INGREDIENT	MODE OF ACTION FRAC CODE	GROUP	RISK OF RESISTANCE	MOBILITY	MANUFACTURER
Agri-Phos	phosphites	33	Phosphonate	Low	Phloem-MS	Agrichem
Banner GL	propiconazole	3	DMI	Moderate	Xylem-MS	Syngenta
Banner MAXX	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
Clevis	myclobutanil + mancozeb	3 / M3	DMI + EBDC	Moderate	Xylem-MS + Contact	PROKoZ
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	Taminco
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
Endorse	polyoxin D zinc	19	Polyoxin	Moderate	Local Systemic	Cleary
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
Formec	mancozeb	M3	EBDC	Not Significant	Contact	PBI Gordon
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
Fungo Flo	thiophanate-methyl	1	MBC	High	Xylem-MS	The Andersons

BRAND NAME	ACTIVE INGREDIENT	MODE OF ACTION FRAC CODE	GROUP	RISK OF RESISTANCE	MOBILITY	MANUFACTURER
Golden Eagle	myclobutanil	3	DMI	Moderate	Xylem-MS	The Andersons
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
Insignia	pyraclostrobin	11	Strobilurin	High	Local Systemic	BASF
Instrata	chlorothalonil + propiconazole + fludioxonil	3 / 12 M5	Chloronitrile + DMI + Phenylpyrrole	Moderate	Contact + Xylem-MS	Syngenta
Junction	mancozeb + copper hydroxide	M3	EBDC	Not Significant	Contact	SePro
Medallion	fludioxonil	12	Phenylpyrrole	Moderate	Contact	Syngenta
Mega-Phos	phosphites	33	Phosphonate	Low	Phloem-MS	Agrichem
Penstar Flo	PCNB	14	Misc Aromatic	V. Low	Contact	The Andersons
Prominence	chlorothalonil + thiophanate-methyl	M5 / 1	Chloronitrile + MBC	Moderate	Contact + Xylem-MS	PROKoZ
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
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 2X WSP	mefenoxam / metalaxyl	4	Phenylamide	High	Xylem-MS	Syngenta
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
Terraneb SP	chloroneb	14	Misc Aromatic	V. Low	Contact	Kincade
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



26/36

Cleary

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



BANNER GL

Syngenta/Prokoz

A.I. Propiconazole

Systemic fungicide that provides effective broad-spectrum disease control in turf and ornamentals. Diseases controlled: Dollar Spot, Anthracnose, Brown Patch, Powdery Mildew, Stripe Smut, Red Thread, Gray Leaf Spot, Melting Out, Summer Patch, Gray Snow Mold.

0190-12 2 x 6 x 7.2 oz. Case



3336 PLUS

Cleary

A.I. Thiophanate-methyl

3336 PLUS with ClearTec™ Activation Technology™ is Cleary'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

Syngenta

A.I. Propiconazole

Banner MAXX 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. Banner MAXX also controls numerous diseases on ornamentals and other landscape and nursery plantings (refer to product label).

51435 1 Gallon
52491 10 Gallon
0190-12 2 x 6 x 7.2 oz. Case



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



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



ARMADA 50 WP

Bayer

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.)



BAYLETON FLO Bayer Environmental Science

A.I. Triadimefon

A new, water-based, suspension concentrate formulation, Bayleton Flo 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



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



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)



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



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-SIGNATURE Bayer Environmental Science
A.I. Fosetyl-AI

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



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 33 lbs. (12 x 2.75 lbs.)



CLEVIS Prokoz
A.I. Mancozeb + Eagle

Clevis is a pre-mixed formulation of myclobutanil, the active ingredient in Eagle® specialty fungicide, combined with mancozeb, the active ingredient in Dithane® Rainshield specialty fungicide. Test results demonstrate that Clevis provides very good to excellent preventative and curative results on a wide range of diseases.

172876 12 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.)

For a copy of product MSDS sheet, visit our website: www.reinders.com



**DACONIL WEATHERSTIK™
DACONIL ZN** *Syngenta*

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)



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



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



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



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.)



FATHOM *Prokoz*

A.I. Propiconazole

Fathom 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.

0190-01 1 Gallon
0190-025 2.5 Gallon



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)

For a copy of product MSDS sheet, visit our website: www.reinders.com



FORE® RAINSHIELD®

Dow

A.I. Mancozeb

Fore® Rainshield® turf and ornamental specialty fungicide is a unique broad-spectrum fungicide for preventive control of brown patch and other key turfgrass diseases.

172874 8 x 4 x 24 oz. Case



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



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



FUNGO FLO

The Andersons

A.I. Thiophanate-methyl

Fungo Flo is a flowable fungicide that prevents/controls Anthracnose, Dollar Spot, Copper Spot, Brown Patch, Red Thread, Fusarium Patch, Fusarium Blight, Necrotic Ring Spot, Summer Patch and Stripe Smut.

AGC85225 2 x 2.5 Gallon Case



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



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 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



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



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.



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.)



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



MAINSAIL WDG + 6F

Prokoz

A.I. Chlorothalonil

Mainsail WDG 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)
PK75066 20 lb case



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



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.)



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



MEGA-PHOS

Agrichem

A.I. Mono potassium phosphite

Mega-Phos ETN is a new water soluble crystal for spray application to turf. It contains two sources of nutrients, potassium phosphite and potassium phosphate. This patented combination provides rapid uptake into turf grass for increased vigor and enhanced ability to withstand stress conditions.

2070-10 Case (5 x 10 lbs.)



PENSTAR FLO

Andersons

A.I. PCNB

Andersons Penstar Flo is a liquid fungicide that prevents gray and pink snow molds. Penstar Flo also controls/prevents Brown Patch, Melting Out/Leaf Spot and Dollar Spot.

AGC85004 4 Gallon
AGC85130 30 Gallon



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



STRESS PHITER

Agrichem

STRESS PHITER is used on trees, shrubs, ornamentals, turf and other plants when they are stressed and not doing well. PHITER is 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



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



SUBDUE 2X WSP

Prokoz

A.I. Mefenoxam

Subdue 2X WSP is a wettable powder, systemic fungicide labeled to control pythium damping-off in turf, phytophthora root rot in conifers in nurseries, and for control of damping-off and root and stem rot diseases caused by pythium and phytophthora in ornamentals.

0194-32 Case (5 x 24 oz.)



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.)



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



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



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

Reinders

Fungicides



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



TERRANEB SP Kincaid
A.I. Chloroneb

Terraneb SP turf & ornamental fungicide is used for the control of Typhula Blight, Pythium Blight, Brown Patch on turfgrass, ferns, ornamentals.

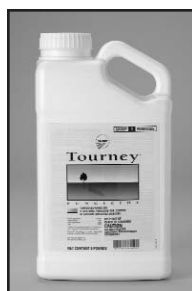
0646-025 2.5 gallon
0646-36 Case (12 x 3 lb.)



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.)



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

Unique Solutions For Every Need!



Grassy & Broadleaf Weed Control



Fastest Weed Control Ever



Fast Water Based Weed Control



Resists Cracking & Peeling

For more information, contact your Reinders sales representative.

Always Read & Follow Label Directions

pbi/gordon
CORPORATION
An Employee-Owned Company

00357



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



TRITON 70 WDG Bayer Environmental Science

A.I. Triticonazole

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



TRINITY

BASF

A.I. Triticonazole

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



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

For a copy of product MSDS sheet, visit our website: www.reinders.com

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Simple Solution For 3 Tough Diseases.



Anthracnose. Summer patch. Brown patch. These diseases are tough, but the solution is simple: **Insignia® fungicide.** With **Insignia**, you'll get effective control and long-term results, so you can reduce your labor and materials costs, while keeping your course clean and green.

Insignia
FUNGICIDE

BASF

The Chemical Company

Get tough with turf disease. Get Insignia.

Contact Randy Lusher to learn more:
630-235-0104 or
randy.lusher@basf.com.

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