

2025 Gilba Solutions Table of Australian Turf Fungicides

FRAC Code	FRAC Resistance Group	Active Ingredient	Topical Mode of Action	Selected Trade Names	Risk of Resistance Developing	Koc	Risk of cross Resistance	Home garden use	Bent dead spot	Dollar Spot	Grey Leaf Spot	Powdery Mildew	Spring Dead Spot	Summer patch	Take all patch
1	MBC	Thiophanate methyl	XMS	Clean Sweep Trio	High	330	Yes	No							
2	Dicarboximide	Iprodione	LS	Rovral, Voltar	Medium to High	700	Yes	Yes							
3	Demethylation inhibitors (DMI)	Tebuconazole	XMS	Tombstone Duo, Dedicate	Medium	470-6000	Yes	Yes							
		Propiconazole	XMS	Banner Maxx, Regiment	Medium	1200-1800	Yes	Yes							
		Triticonazole	XMS	Impala	Medium	418	Yes	Yes							
		Triadimenol	XMS	Citadel, Bayfidan, Tridim	Medium	273	Yes	Yes							
		Mefentrifluconazole	XMS	Maxtima	Medium	2163-3648	Yes	Yes							
4	Phenylamide	mefonaxam	XMS	Subdue Maxx, Solitaire	High	163	Yes	Yes							
7	SDHI (Succinate dehydrogenase inhibitors)	Boscalid	XMS	Midas	Medium to High	507-1110	Yes	Yes							
		Flutalonil	XMS	Monstar	Medium to High	418	Yes	Yes							
		Fluxapyroxad	XMS	Lexicon Intrinsic	Medium to High	496-1424	Yes	Yes							
		Pydiflumetofen	XMS	Posterity	Medium to High	1949- 3808	Yes	Yes							
		Fluopyram	XMS	Exteris Stressgard	Medium to High	266-460	Yes	Yes							
		Penthiopyrad	XMS	Velista	Medium to High	500	Yes	Yes							
11	Quinone outside inhibitor (QoI)	Azoxystrobin	XMS	Heritage, Azoforce	High	207-594	Yes	Yes							
		Trifloxystrobin	LS	Patriot, Dedicate, Tombstone	High	1500-4000	Yes	Yes							
		Pyraclostrobin	LS	Lexicon Intrinsic	High	6000-16000	Yes	Yes							
12	Phenylpyrrole	Fludioxonil	LS	Medallion	Low to Medium	991-5785	No	Yes							
14	Aromatic hydrocarbon	Tolclofos-methyl	C	Shiba	Low to Medium	761-1540	Yes	Yes							
		Etridiazole	C	Terrazole	Low to Medium	349	Yes	Yes							
21		Cyazofamid	LS	Segway	Medium to High	736-2172	No	Yes							
28	Carbamate	Propamocarb	LS	Banol, Schrapnel	Low to Medium	619	No	Yes							
29		Fluazinam	C	Emerald, Compass	Low	1705-2316	No	No							
33	Phosphonate	Fosetyl Al	PMS	Signature, Grenadier	Low	325	No	Yes							
M	M3	Mancozeb	C	Various	Low	1000	No	Yes							
		Thiram	C	Pistol	Low	676	No	Yes							
M	M4	Captan	C	Captan	Low	200	No	Yes							
M	M5	Chlorothalonil	C	Cavalry, Squadron	Low	850	No	Yes							

Comments: Numbers or letters assigned by the Fungicide Resistance Action Committee (FRAC). Fungicides with the same FRAC code have the same or similar mode of action. For a complete FRAC code list: <http://frac.info>

Classification from Paul Vincelli, University of Kentucky

C = contact, LS = locally systemic, XMS = xylem-mobile systemic, PMS = phloem-mobile systemic

S Suppression;

 Australian registration

 US registration



The Koc is the affinity of a fungicide to organic material in the soil. The higher the value the greater the affinity. So it can be used as a measure of fungicide tendency to lock onto soils.

Gilba Solutions Table of Australian Turf Fungicides

Common Name	Brown patch	Yellow patch	Fairy Ring	Pink Patch	Red thread	Rust	Smut	Curvularia sp	Anthracnose	Drechslera	Helminthosporium leaf spots	Microdochium patch	ERI	Pythium blight	Pythium root rot	Pythium root dysfunction	Yellow tuft
thiophanate methyl	Yellow	Red	Yellow		Red		Red		Yellow		Yellow		Red				
iprodione	Yellow				Red			Yellow			Yellow						
tebuconazole	Yellow		Yellow	Red	Red	Yellow	Red	Yellow	Yellow		Yellow		Red				
propiconazole	Red								Red			Red					
triticonazole	Yellow		Yellow		Red	Red			Yellow	Yellow	Yellow		Yellow	Yellow			
triadimenol	Red				Red	Red	Red		Red		Red	Red					
Mefentrifluconazole	Yellow		Red						Yellow		Red	Red	Red				
mefonaxam														Yellow		Yellow	Red
boscalid																	
flutalonil	Red	Red	Yellow	Red	Red												
Fluxapyroxad	Yellow		Yellow	Red	Red	Red			Red	Red			Yellow	Yellow		Yellow	Red
Pydiflumetofen			Red									Yellow					
Fluopyram	Yellow					Yellow			Yellow			Yellow					
penthiopyrad	Yellow			Red	Yellow				Red		Red						
azoxystrobin	Yellow	Red	Red	Red	Red	Red			Yellow		Yellow			Yellow	Yellow		
trifloxystrobin	Red			Red	Red	Red			Red		Red						
Pyraclostrobin	Yellow		Yellow										Yellow	Yellow		Yellow	
fludioxonil	Yellow	Red							Yellow	Yellow	Red	Yellow					
tolclofos-methyl	Yellow																
etridiazole														Yellow	Yellow	Yellow	
Cyazofamid														Yellow	Yellow	Yellow	
propamocarb														Yellow	Yellow	Yellow	
fluazinam					Red				Yellow	Yellow	Yellow	Red					
Fosetyl Al														Yellow	Yellow		Yellow
Mancozeb	Red										Red	Red		Red			
Thiram	Yellow				Red	Red					Yellow	Yellow			Yellow		
Captan	Yellow										Red						
Chlorothalonil	Yellow	Red			Red	Red			Red		Red	Red					

Based on Table from University of Missouri Extension

Disclaimer: All product information in this table is presented with the understanding that no endorsement of named products is intended, nor is criticism implied of similar products that are not mentioned.

