



# TURF FUNGICIDE SELECTION GUIDE



PLANT PATHOGEN INFORMATION – IDEAL TEMPERATURE ACTIVITY & MAJOR INFECTION POINTS IN PLANT														IMPORTANT APPLICATION PARAMETERS																
IDEAL TEMPERATURE FOR DISEASE ACTIVITY	AIR (°C)													APPLICATION RATES					WATER VOLUMES, ADJUVANT REQUIREMENTS & PACK SIZING											
	SOIL (°C)																													
Foliage (F), Crown (C), Root (R), Stolon (T) or Soil (S) Pathogen														FC	FCR	CRT	FC	RS	F	RT	S	FCR	F	FC	FCR	FC	F	RT	FCR	RS
Foliage (F), Crown (C), Root (R), Stolon (T) or Soil (S) Pathogen														FC	FCR	CRT	FC	RS	F	RT	S	FCR	F	FC	FCR	FC	F	RT	FCR	RS
FUNGICIDE ACTIVITY & APPLICATION GUIDELINES																														
Product	Active Ingredient	DISEASES CONTROLLED BY FUNGICIDE														Rate per 100m <sup>2</sup>	Rate per Hectare (1 ha = 10,000m <sup>2</sup> )	Rate per Bowling Green (1400m <sup>2</sup> )	Preferred Water Volume For Foliar & Crown Pathogens (per 100m <sup>2</sup> )	Preferred Water Volume For Root & Soil Pathogens (per 100m <sup>2</sup> )	Preferred Adjuvant / Partner Product	Fungicide Pack Size								
		MODE OF ACTION GROUP	CONTACT (C), SYSTEMIC (S) or TRANSLAMINAR (T)	Anthraxnose	Black Helminthosporium	Brown Patch	Curvularia	Couch Decline	Dollar Spot	ERI	Fairy Ring	Fusarium	Grey Leaf Spot	Leptosphaerulina	Pythium								Red Thread	Rust	Spring Dead Spot	White Helminthosporium	Take All Patch			
Azo-Force 250SC Fungicide	250g/L Azoxystrobin	11	S	•	•	•					•	•		•	•			•		12 – 23mL	1.2 – 2.3L	168 – 322mL	4 - 8L (400 – 800L/ha)	8L (800L/ha) Irrigate in*	HydroForce Ultra	2.5L				
ProForce Clean Sweep Trio Fungicide	119g/L Thiophanate-methyl, 37.5g/L Fluazinam, 36g/L Tebuconazole	1,3,29	C,S	•	•	•	•	•	•									•	•	120 - 200mL	12 – 20L	1.68 – 2.8L	4 - 8L (400 – 800L/ha)	10L (1000L/ha) Irrigate in*	HydroForce Ultra	5L				
ProForce Grenadier 800WG Fungicide	800g/kg Fosetyl aluminium	33	S											•						125g	12.5kg	1.75kg	5-8L (500 – 800L/ha)	10-20L (1000 – 2000L/ha)	Turf Aid / Silixol	5kg				
ProForce Pistol 600SC Fungicide	600g/L Thiram	M3	C		•	•					•			•				•		160 - 200mL	16 – 20L	2.24 – 2.8L	5 – 10L (500 – 1000L/ha)	20 – 60L (2000 – 6000L/ha)	Foliar: Octane / Turf Aid	5L, 20L				
ProForce Regiment 550EC Fungicide	550g/L Propiconazole	3	S													•	•			14 - 28mL	1.4 – 2.8L	196 – 392mL	5 – 10L (500 – 1000L/ha)	Up to 150L (15,000L/ha)	HydroForce Ultra	10L, 20L				
ProForce Shrapnel 600SC Fungicide	600g/L Propamocarb	28	S																	45 - 65mL	4.5 – 6.5L	630 – 910mL	4 - 8L (400 – 800L/ha)	10L(1000L/ha) Irrigate in*	HydroForce Ultra	5L				
ProForce Solitaire 240ME Fungicide	240g/L Metalaxyl-M	4	S																	17 - 35mL	1.75 – 3.5L	245 – 490mL	3.5 – 5L (350-500L/ha)	10L(1000L/ha) Irrigate in*	HydroForce Ultra	1L, 5L				
ProForce Squadron Weatherace 720SC Fungicide	720g/L Chlorothalonil	M5	C			•								•						130 - 240mL	13 – 24L	1.82 – 3.36L	5 – 10L (500 – 1000L/ha)	10 – 60L (1000 – 6000L/ha)	Octane / Turf Aid	10L				
ProForce Tombstone Duo Fungicide	200g/L Tebuconazole, 100g/L Trifloxystrobin	3/11	C,T,S	•	•	•	•		•	•		•						•		20 – 30mL	2 – 3L	280 – 420mL	4 - 8L (400 – 800L/ha)	8 - 16L (800 – 1,600L/ha) Irrigate in*	HydroForce Ultra	500mL, 1L				
ProForce Voltar GT 250SC Fungicide	250g/L Iprodione	2	T		•	•														90 – 180mL	9 -18L	1.26 – 2.52L	4-10L (400-1000L/ha)	Up to 150L (15,000L/ha)	ProForce Manta Ray	5L				
ProForce Voltar 500SC Fungicide	500g/L Iprodione	2	T		•	•	•													45 – 90mL	4.5 – 9L	630mL – 1.26L	5 – 10L (500 – 1000L/ha)	Up to 150L (15,000L/ha)	ProForce Manta Ray	1L, 5L				

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NB: \*See label for specific irrigation water volume requirements. As a rule, irrigate with >3mm to move the product into the rootzone. HydroForce Ultra can be left on the foliage and has been shown to assist in reducing infection of foliar diseases by removing excess leaf moisture. For soil pathogens, HydroForce Ultra will improve fungicide movement to the target site.