



## Plant Disease Update

### Dreschlera spp. (Black Helmo)

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#### Fungal Facts - Black Helmo

- Will readily infect a wide range of cool and warm season grass species.
- Often infects grasses when growth begins to slow up or when soft lush growth is stimulated.
- Infections will limit healthy growth of fine and amenity turf under favourable conditions.
- Is spread by water, foot and machinery traffic from leaf to leaf.
- Spores only require up to one hour of leaf wetness for rapid spore germination.
- Has the ability to be a primary or secondary disease.

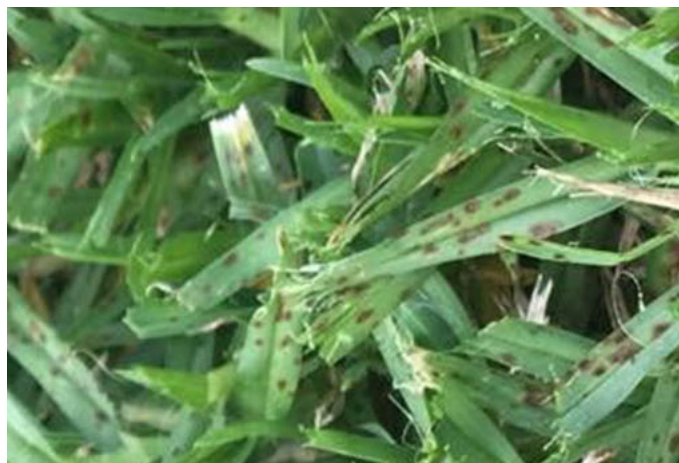
Sometimes this fungal infection can clear up with no treatment, however; more often than not, it will need to be managed with both cultural and chemical management. Here are some tips to help you manage this disease effectively.



#### Cultural Management - Black Helmo

Cultural management practices are a very important part of the disease management cycle. Essentially, they are designed to promote good and balanced plant health.

- Minimise water on leaves - Pervade or Propel wetting agent applications can reduce dew and water film.
- Do not use high Nitrogen fertility - Utilise X-Factor N products and low N granular maintenance fertilisers during times of high disease pressure.
- Increase Silicon content in leaf blade - Apply Fight's On Potassium Silicate which is designed to strengthen plant cell walls.
- Minimise traffic and machinery over infected areas during times of high disease pressure.



#### Chemical Management - Black Helmo

Chemical management is often required in combination with Cultural practices (as above) in order to provide long term management and reduction in spore numbers (inoculum).

See Figure 1, Table of Fungicides with a label registration for Black Helmo *Dreschlera* spp.



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## Dreschlera spp. (Black Helmo)

**Figure 1: Table of Fungicides with a label registration for Black Helmo *Dreschlera* spp**

Product Name	Active Ingredient	Label Rate per ha	FRAC Code	Manufacturer
Chief Aquaflo	Iprodione	4.5 - 9 L	2	Adama
Chief Topflo	Iprodione	3.6 - 7.2 L	2	Adama
Citadel	Triadimenol	6 L	3	Adama
Enclave	Chlorothalonil / Iprodione / Thiophonate-Methyl / Tebuconazole	16 - 24 L	M5/2/1/3	Adama
Evolution	Tebuconazole / Azoxystrobin	2 - 3 L	3/11	Adama
Patriot	Tebuconazole / Trifloxystrobin	2 - 3 L	3/11	Adama
250GT	Iprodione	9 - 18 L	2	Campbells
Liquid DEK	Mancozeb	33.5 - 41.5 L	M3	Campbells
Sceptre 230SC	Fludioxonil	1.6 L	12	Campbells
Tridim 250EC	Triadimenol	6 L	3	Campbells
Flowable TMTD	Thiram	16 L	M3	Campbells
Dithane Rainshield	Mancozeb	20 - 25 kg	M3	Cortiva Agrosiences
Dedicate	Tebuconazole / Trifloxystrobin	2 - 3 L	3/11	Envu
Dedicate Forte	Tebuconazole	3.5 L	3	Envu
Exteris	Fluopyram / Trifloxystrobin	10 L	7/11	Envu
Interface	Iprodione / Trifloxystrobin	12.5 L	2/11	Envu
Mancozeb 750	Mancozeb	20 - 25 kg	M3	Imtrade
Rapidol	Mandestrobin	4 L	11	Sumitomo
Shiba	Tolclofos-Methyl	8 - 10 L	14	Sumitomo
Banner Maxx	Propiconazole	5 - 10 L	3	Syngenta
Daconil WeatherStik	Chlorothalonil	13 - 20 L	M5	Syngenta
Headway Maxx	Azoxystrobin / Propiconazole	9 L	3/11	Syngenta
Heritage Maxx	Azoxystrobin	6 L	11	Syngenta
Instrata	Propiconazole / Chlorothalonil / Fludioxonil	18 L	3/M5/12	Syngenta
Medallion	Fludioxonil	3 L	12	Syngenta
Velista	Penthiopyrad	1 - 1.5 kg	7	Syngenta
Azoxy 250	Azoxystrobin	2.3 L	11	Turf Culture
Azoxy 95	Azoxystrobin	6 L	11	Turf Culture
Impala	Azoxystrobin / Triticonazole	6 L	3/11	Turf Culture
Tribeca	Fludioxonil / Triticonazole	6 L	12/3	Turf Culture



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