



Technical Bulletin

Compass™ 50WG
FUNGICIDE

The maximum value turf fungicide

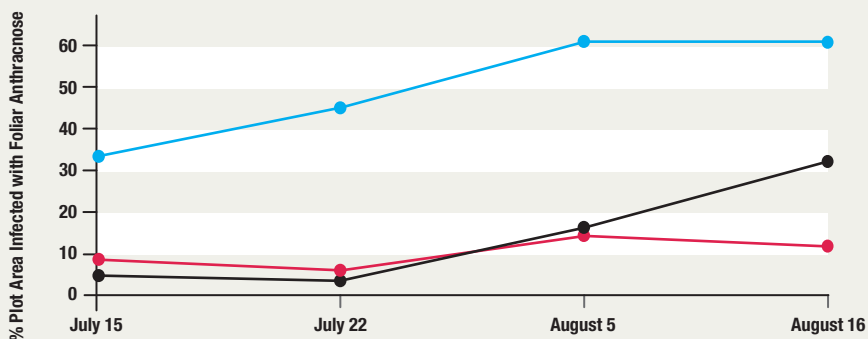
COMPASS™ 50WG strobilurin fungicide and its mesostemic mode of activity delivers highly effective broad-spectrum turfgrass disease control at very low rates for maximum value.

Economical fairway treatment

COMPASS 50WG binds tightly to turf and redistributes itself as the plant grows preventing further infection. Because of its low use rates, broad-spectrum activity and long lasting control, **COMPASS 50WG** can not only be use for your greens and tees but for your fairway disease control program. **COMPASS 50WG** is strong enough for your greens and economical enough for your fairways.

Preventive Foliar Anthracnose Control, *Colletotrichum graminicola*

M. Newnam, Bayer ES Clayton Turf Research Control Center, NC, 2005, Ref#4



Rates g / 100m² —●— Check —●— Compass 50WG - 3.8g —●— Product X - 6g

Application dates: July 1, July 14, August 5 2005. Entire trial was inoculated with *C. graminicola*.

Benefits of Applying COMPASS

- ✓ Outstanding and consistent control of anthracnose, fusarium patch, leaf spot and brown patch
- ✓ Tank mixed with Rovral Green GT for affective snow mould protection
- ✓ Requires among the lowest use rates available on the market
- ✓ Long lasting (up to 21 days) weather-protected disease control
- ✓ Preventative and curative control
- ✓ Economical
- ✓ Does not cause flaring of dollar spot
- ✓ Delivers the value of a contact with the power of a systemic
- ✓ Rainfast within 2 hours
- ✓ Very low environmental impact

The mesostemic activity of COMPASS 50WG delivers:

- Strong binding affinity with plant surface
- Absorption by the waxy layer for weather protected product
- Surface redistribution by vapour movement and moisture for long lasting control
- Translaminar movement to protect both sides of leaf surface

COMPASS 50WG + Rovral Green GT tank mix for control of snow moulds

This new unique tank mix combines two highly effective fungicides that offer different modes of action for longer snow mould protection at lower rates while maintaining maximum turf quality.

Rotate COMPASS 50WG into Your Fungicide Program

Stobilurin fungicides have been known to develop resistance under continuous repeated use. This can be easily avoided by rotating different types or families of products into your fungicide program such as Rovral Green GT and Aliette Signature. **COMPASS 50WG** should be part of an overall resistance management strategy to ensure maximum performance.

COMPASS 50WG is registered for:

Disease controlled	Rate (g/100m ²)	Application interval (Days)	Remarks	Acres treated by 454g Container
Control of Pink Snow Mould and Grey Snow Mould	6.1g of <i>COMPASS 50WG</i> tank mixed with 271-354ml of Rovral Green GT	One application applied just before permanent snow cover.	Apply prevention tank-mix application in a minimum of 500L spray solution before snow covering or tarping. (Read label for further directions.)	1.83
Suppression of Pink Snow Mould and Grey Snow Mould	3.8g of <i>COMPASS 50WG</i> tank mixed with 127ml of Rovral Green GT	One application applied just before permanent snow cover.	Apply prevention tank-mix application to fairways (not suggested for greens and tees) in a minimum of 500L spray solution before permanent snow covering. (Read label for further directions.)	2.95
Fusarium Patch	3.8	14	Apply in early spring and fall when conditions are favourable for disease development and / or when disease is present after snow melt. For curative applications, apply 3.8g/100m ² of <i>COMPASS 50WG</i> on a 14-day interval, 2-3 times. Do not apply more than 2 sequential applications.	2.95
Basal Rot Anthracnose	4.6	14-21	Apply preventative applications in spring, summer or fall beginning two to four weeks prior to the expected onset of the disease. Rotate with different mode of action fungicides registered for basal anthracnose control, i.e. Aliette Signature fungicide. Use short spray interval when conditions are favourable for high disease pressure.	2.44
Foliar Anthracnose	3.8	14	Apply preventative applications when conditions are favourable for disease development. Rotate with different mode of action fungicides registered for foliar anthracnose control, i.e. Aliette Signature fungicide.	2.95
Brown patch	4.6 6.1	21 14	Apply when conditions are favourable for disease development. Use higher rate and shorter interval during severe disease pressure.	2.44 1.83
Leaf spot	3.1	14-21	Apply when conditions are favourable for disease development.	3.62
Gray Leaf spot	3.1-6.1	14	Apply when conditions are favourable for disease development or when disease first appears.	1.83 - 3.62



Environmental Impact

All pesticides are regulated under the Pest Control Products Act to ensure that they do not pose an unacceptable risk to human health and the environment. For information regarding the pesticide regulatory process, visit Health Canada's (Pest Management Regulatory Agency) website <http://www.hc-sc.gc.ca/pmra-arla/>

COMPASS 50WG Profile

COMPASS 50WG fungicide contains 50% of the active ingredient trifloxystrobin, which was developed based on a naturally occurring compound found in fungus. This novel chemistry offers very low environmental impact and high margin of safety for users. **COMPASS 50WG** is sold as easy-to-use, wettable granules (WG). **COMPASS 50WG** is compatible with most insecticide, fungicide and foliar nutrient products. Use of spray additives or surfactants is not required.



Bayer Environmental Science

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ALWAYS READ PRODUCT LABEL PRIOR TO USE.
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For more information on *COMPASS 50WG*, contact Bayer Environmental Science
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