



# Compass<sup>®</sup> 50 WG

**Stressgard<sup>®</sup>**  
FORMULATION TECHNOLOGY

**Active Ingredients:** : trifloxystrobin (50%); equivalent to 500 g trifloxystrobin per kg of product  
**FRAC Code:** 11 (QoI Fungicides)  
**Systemicity:** localized penetrant /mesostemic  
**Formulation:** Wettable granule/wettable powder  
**Signal Word:** caution

**Best Uses:** leaf spot, brown patch, pink snow mould, Microdochium (Fusarium) patch, anthracnose

**Key Strengths:** Compass<sup>®</sup> 50 WG fungicide has a history of providing broad-spectrum disease control on turfgrass plants, as well as ornamental plantings. The unique mode-of-action provides control on all leaf surfaces through the translaminar activity and the localized vapor movement. Compass 50 WG does not aggravate dollar spot and provides suppression of the disease.

## Attributes of Compass 50 WG

- Has a high affinity with the plant surface and is absorbed by the waxy layers of the plant
- Once embedded into the waxy layer, Compass 50 WG provides a secure reservoir of locked-in, long-lasting protection on the plant surface
- Is redistributed locally on the surface of the plant by the surface moisture
- Redistributes on the plant surface and adjacent blades by limited vapour movement and reabsorption
- Provides oxidative stress reduction in turfgrass plants

## Solutions for Tough Diseases

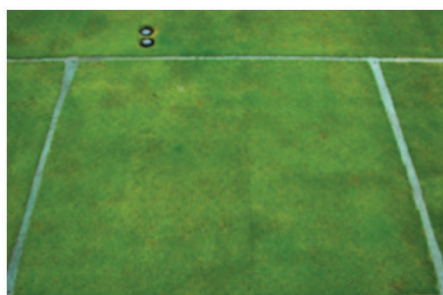
- Controls spring and fall diseases like leaf spots and Microdochium patch
- Effective on all warm-and cool-season species of leaf spot
- Strong control of pink snow mould and Microdochium patch (a.k.a. Fusarium patch)
- Consistent preventive and curative brown patch control
- Controls both foliar and basal rot anthracnose without the risk of negative DMI turf growth effects
- Combine Compass with Signature STRESSGARD<sup>™</sup> for summer decline management

## How to Use Compass 50 WG

- Apply Compass 50 WG as part of a preventive fungicide program prior to the onset of disease outbreaks for best results
- Compass 50 WG, like all QoI fungicides, should be rotated in a spray program according to the appropriate label recommendations, paying close attention to the consecutive applications that can be applied
- Compass 50 WG fungicide is proven to be effective when a rainfall event occurs within 2-6 hours post-application; however, for best results, especially for diseases that occur in moist conditions, please allow Compass 50 WG to dry on leaf surface.



Heriatge G – 64 oz – 21 d



Interface - 160 mL – 21 d



Untreated

Photos courtesy of R. Golembiewski – Bayer.

## 2010 Microdochium Patch Trials – Oregon State University – Brian McDonald

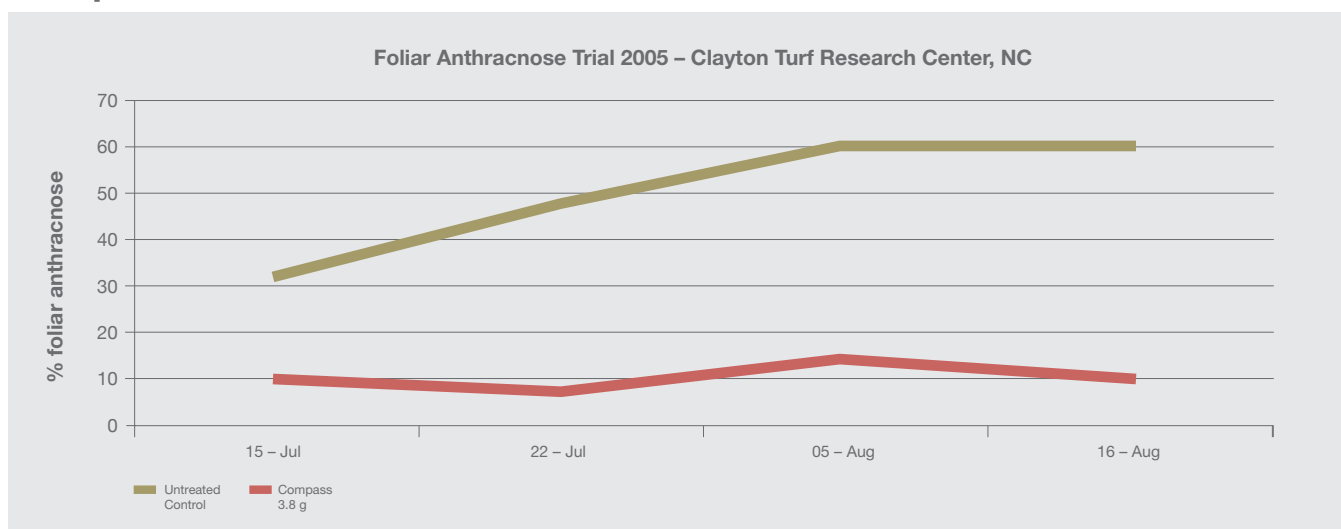
KEY DISEASES CONTROLLED	RATE (PER 100 M <sup>2</sup> )	APPLICATION INTERVAL*
Brown patch	4.6 g – 6.1 g	14-21 days
Leaf Spot	3.1 g	14-21 days
Basal rot anthracnose	4.6 g	14-21 days
Foliar anthracnose	3.8 g	14 days
Microdochium (Fusarium) Patch	3.8 g	14 days
Snow Moulds (Pink and Grey)	6.1 g*	before winter snow cover

\*Best in combination with other fungicides for complete control. For snow cover periods longer than 80 days, a gray snow mould material such as Triton STRESSGARD should be tank-mixed according to label instructions. Always follow label instructions carefully

USE RATE (G/100 M <sup>2</sup> )	COVERAGE PER CONTAINER (100 M <sup>2</sup> )	COVERAGE PER CONTAINER (ACRES)	G TRIFLOXYSTROBIN PER ACRE	G IPRRODIONE PER ACRE	APPLICATIONS AT RATE (PER YEAR)
95 mL	105	2.59	81	988	5
128 mL	78	1.92	83	1333	3.5
140 mL	71	1.75	91	1462	2.5
160 mL	62.5	1.53	104	1673	2

Container size: 10 L

## Compass 50 WG Performance Data



Application dates: Jul 1, Jul 14, Aug 5 2005. Trial inoculated with C. cereal prior to spray applications.

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