

# A fungicide with a history of providing solutions for tough diseases

## 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 translaminar activity and localized penetrant movement. Compass 50 WG does not aggravate dollar spot.

### 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 species of leaf spot that show up in spring, summer, or fall
- Strong control of pink snow mould and Microdochium 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<sup>®</sup> XTRA 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
- Compass 50 WG fungicide is proven to be effective when a rainfall event occurs within 2–6 hours post-application; however, for best results, please allow Compass 50 WG to dry on leaf surface



**Active ingredients**  
rifloxystrobin (50%);  
equivalent to 500 g  
trifloxystrobin per kg  
of product



**FRAC code**  
11 (QoI fungicides)



**Systemicity**  
localized penetrant /  
translaminar



**Formulation**  
wetttable granule



**Signal word**  
caution

## Key diseases controlled

Key diseases controlled	Rates (per 100 m <sup>2</sup> )	Application interval (days)
Brown patch	4.6 g– 6.1 g	14–21
Leaf spot	3.1 g	14–21
Basal rot anthracnose	4.6 g	14–21
Foliar anthracnose	3.8 g	14
Microdochium (Fusarium) patch	3.8 g	14
Snow moulds (Pink and grey)	6.1 g*	before winter snow cover

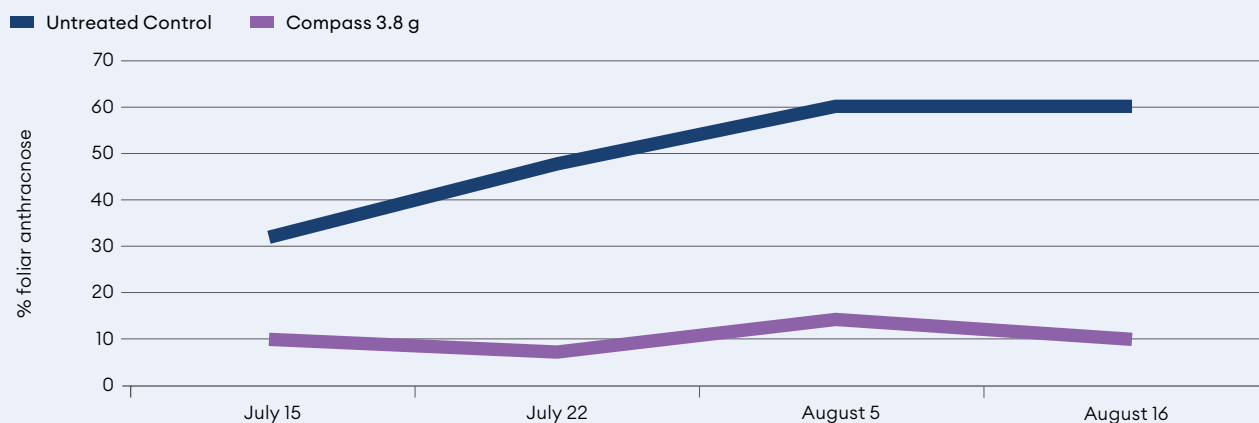
\*Best in combination with other fungicides for complete control. For snow cover periods longer than 80 days, a gray snow mould material such as Mirage® Stressgard® should be tank-mixed according to label instructions. Always follow label instructions carefully.

## Compass 50 WG rate chart

Use rate (g/100 m <sup>2</sup> )	Coverage per container (100 m <sup>2</sup> )	Coverage per container (acres)	Grams Trifloxystrobin (per acre)	Applications at rate (per year)
3.1	146	3.6	62.6	7
3.8	119	2.9	79.6	6
4.6	98	2.4	92.9	5
6.1	74	1.8	123.2	4

## Compass 50 WG performance data

### Foliar Anthracnose Trial 2005 – Clayton Turf Research Center, NC



Application dates: July 1, July 14, and August 5, 2005. Trial inoculated with *C. cereal* prior to spray applications.

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