



Compass[®] 50 WG

The new direction in Ornamental Disease Control.

Fact Sheet

COMPASS™ 50WG is a broad spectrum fungicide that delivers highly effective control of foliar, stem and root diseases on indoor and outdoor grown ornamentals.



NATURAL ORIGINS SYNTHESIZED FOR STABILITY

COMPASS 50WG's contains trifloxystrobin, a group 11 strobilurin fungicide. Strobilurin fungicides are synthetic versions of natural products that are found in wood decaying fungi. Strobilurins need to be synthesized in order to be more stable, more active and deliver longer residual control.

Formulation and Packaging – COMPASS 50WG is a 50% WG (water dispersible granule) and is packaged in a 454g container.

REI (RE-ENTRY INTERVAL)

COMPASS 50WG has a 12 hour re-entry interval for most ornamental uses Restricted entry interval of 2 days for cut flowers only.

COMPASS 50WG Features

- ☑ First strobilurin type (Qoi) fungicide registered for a variety of uses on outdoor ornamentals and greenhouse ornamentals (refer to label for specific species).
- ☑ Provides excellent contact protection against surface fungi.
- ☑ Protects new growth from disease.
- ☑ Highly translaminar which provides protection to undersides of leaves.
- ☑ Rain fast within 2 hours.
- ☑ Low use rates making it an excellent product for IPM.
- ☑ Offers protection of treated and untreated tissues.
- ☑ Long-lasting, 7-21 days control.

Mesostemic for Maxium Protection

- ☑ Strong surface binding affinity on the plant.
- ☑ Absorption by the waxy layer.
- ☑ Surface redistribution.
- ☑ Localized vapour movement.
- ☑ Translaminar activity.



Compass[®] 50 WG

DISEASE	PLANTS	RATE OF PRODUCT (G/100L)	APPLICATION INTERVAL (DAYS)	TREATMENT NOTES
Botrytis blight and Grey mold (<i>Botrytis cinerea</i>)	Ornamental bedding plants including Geranium, Hosta, Pointsettia	7.5-30	14	Max spray volume 1000L/ha
Black Spot (<i>Diplocarpon rosae</i>)	Ornamentals including: Roses	15-20	1 application only	Max spray volume 1000L/ha
Powdery Mildew (<i>Erysiphe spp.</i> , <i>Oidium spp.</i> , <i>Podosphaera spp.</i> , <i>Sphaerotheca spp.</i>)	Begonia, Cosmos, Geranium, Photinia, Poinsettia, Rose, Salvia, Verbena Snapdragon. (Suppression)	14-21	7-14	Refer to product label
	Ornamental bedding plants including: Beebalm, Phlox, Zinnia	15-20	14	Max spray volume 1000L/ha
	Gerbera	15-20	14	
	Ornamental shrubs including: Azalea	30	14	
	Ornamental plants within the Rosaceae family including Rose	7.5-20	14	
Rhizoctonia Root Rot (<i>Rhizoctonia solani</i>)	Greenhouse Ornamentals – extensive plant list – see label	3.8	Seeding or vegetative cutting, transplanting and every 21 -28 days thereafter	Refer to product label
Rust (<i>Puccinia malvacearum</i>)	Outdoor Ornamental shrubs within Malvaceae family	15-30	7-14	Max spray volume 1000L/ha
Scab (<i>Venturia inequalis</i>)	Apple (non-bearing), Hawthorn	14-21	7-14	*For control of leaf diseases in nonbearing fruit trees, apply 140-210 g in 1000 L water per ha
Powdery Mildew (<i>Erysiphe spp.</i> , <i>Oidium spp.</i> , <i>Podosphaera spp.</i> , <i>Sphaerotheca spp.</i>)	Apple (non-bearing), Cherry (non-bearing), Crabapple (non-bearing), Nectarine (non-bearing), Plum (non-bearing)	14-21	7-14	Refer to product label
Suppression of Tar Spot (<i>Rhytisma acerinum</i>)	Outdoor Ornamental Maple Trees	14-21	N/A	Refer to product label
Boxwood blight (<i>Cylindrocladium pseudonaviculatum</i>)	Outdoor ornamentals in the boxwood family Buxus sp. (boxwood) Pachysandra sp. (e.g. Japanese spurge) Sarcococca sp. (sweet box)	15	14	Apply Compass 50 WG as a foliar spray to the point of drip before disease is detected or when conditions are favourable for disease development. Maximum spray volume of 2000 L/ha.

* DO NOT apply more than one (1) application of COMPASS 50WG Fungicide before alternating to one or more applications of a labelled fungicide with a different mode of action. If no other fungicide is registered, than only one (1) application of COMPASS 50WG can be made."



IMPACT ON THE ENVIRONMENT

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 and is sold as an easy-to-use wettable granular (WG). COMPASS 50WG should be compatible with most insecticide, fungicide and foliar nutrient products. For compatibility of tank mix partners you should always test before use. Do not use COMPASS 50WG fungicide in combination with organosilicate surfactants or crop injury may occur.

Compass 50WG is safe to use on a wide range of ornamentals with some exceptions:

- Do not apply to ferns
- Use on Petunia, Violet and New Guinea impatiens may cause spotting on flowers but injury is not transient
- Use on poinsettia after bract formation may cause injury to bract
- It is impossible to test all ornamental varieties, therefore a tolerance test is recommended.

