

COMPASS™ O 50 WDG

Greenhouse, Nursery, Interiorscape and
Shadehouse Fungicide



FOR CONTROL OF CERTAIN FOLIAR, STEM AND ROOT DISEASES ON ORNAMENTALS

Product Information Bulletin

250

GENERAL INFORMATION

Compass O contains trifloxystrobin, a chemistry based on natural products which are found in certain wood decaying fungi. Strobilurin fungicides have been developed from these natural compounds.

Common Name: Trifloxystrobin

Class: Strobilurin

Packaging: **Compass O** is packaged in 8 oz and 16 oz. containers and is a 50% water dispersible granular.

RESTRICTED ENTRY INTERVAL (REI) AND SIGNAL WORD

REI = **12 hours**

Signal Word = **CAUTION**

PERSONAL PROTECTION EQUIPMENT (PPE)

- Long-sleeved shirt and long pants
- Chemical resistant gloves such as barrier laminate or viton (> 14 mil)
- Shoes plus socks

MODE OF ACTION

Compass O acts within the mitochondria, the energy producing organelles in the cell, inhibiting respiration by blocking electron transfer in the respiratory chain.

Compass O has a strong attraction to the plant surface and is absorbed by the waxy layer of the plant.

Compass O redistributes at the plant surface by superficial vapor movement. It penetrates plant tissue, has translaminar activity, but does not translocate within the vascular system.

ADVANTAGES OF COMPASS O

- 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
- Offers protection of treated and untreated tissues
- Long-lasting, 7-21 days control

USE SITES

Compass O may be used on woody and herbaceous ornamentals grown in greenhouses, nurseries, interiorscapes, lath, and shade houses.

DISEASES CONTROLLED

Alternaria	Phytophthora Root Rot
Anthraxnose	Powdery Mildew
Black Spot	Rhizoctonia Root Rot
Botrytis	Rust
Cylindrocladium	Scab
Downy Mildew	Septoria Leaf Spot
Myrothecium	Thielaviopsis
Phytophthora (aerial)	

See label for complete list of diseases controlled.

APPLICATION AND RATES

Compass O suggested application rates range from 1-4 oz. per 100 gallons of water. The containers are designed for use with an attachable funnel which measures the pre-scribed amount of product to mix into water.

TANK MIXING

Compass O is compatible with most insecticides, fungicides, and fertilizers. However, compatibility of **Compass O** with tank mix partners should be evaluated before use.

Compass O plus tank mixtures: add 1/2 of the required amount of water to the tank mix. The agitator should be running before adding any tank mix partner.

Generally, tank mix partners should be added in the following order:

1. Water soluble packaging, wettable powders, wettable granulars (dry flowables) such as **Compass O**.
2. Liquid flowables, liquids.
3. Emulsifiable concentrates. Do not use **Compass O** in conjunction with organo-silicate-based products.

RESISTANCE MANAGEMENT

Many fungi, including botrytis and powdery mildew, have a history of fungicide resistance development. **Compass O** users should develop suitable strategies to manage resistance potential. Please follow the resistance management guidelines outlined in the **Compass O** label.

Use the following chart to develop a resistance management strategy. ✓ = labeled

TRADE NAME	Compass [®] O	OHP 6672 [™]	FenStop [™]	Strike [®] 50 WDG	OHP Chipco [®] 26019 N/G	Aliette [®] WDG
CLASS	Strobilurin	Benzimidazoles	Imidazolinone	Triazole	Dicarboximide	Phosphonate
PATHOGEN						
Alternaria	✓				✓	
Anthracnose	✓	✓				
Black Spot	✓	✓				
Botrytis	✓	✓			✓	
Cercospora Leaf Spot		✓		✓		
Cylindrocadium	✓	✓			✓	
Downy Mildew	✓		✓			✓
Entomosporium Leaf Spot		✓		✓		
Fusarium		✓			✓	
Leaf Spot	✓	✓		✓	✓	
Myrothecium Leaf Spot	✓	✓				
Ovulinia Flower Blight		✓		✓		
Pythium			✓			✓
Phytophthora Root Rot	✓		✓			✓
Phytophthora Aerial	✓		✓			✓
Powdery Mildew	✓	✓		✓		
Rhizoctonia (Damping-off)	✓	✓			✓	✓
Rust	✓			✓		
Scab	✓	✓				
Sclerotinia		✓		✓		
Septoria Leaf Spot	✓	✓				
Thielaviopsis	✓	✓				
Tip Blight		✓		✓		

Read label directions and cautions before use.

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FenStop and Compass are trademarks of Bayer.

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