

# CYGNUS<sup>®</sup> FUNGICIDE

**BASF**  
The Chemical Company

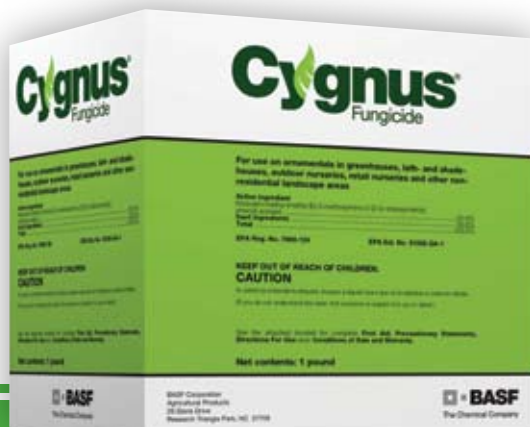
## Better Control of Powdery Mildew and More

**Cygnus<sup>®</sup> fungicide** offers economical, effective control of powdery mildew, rusts, scab diseases and leaf spot diseases in greenhouse, retail nurseries, non-residential landscape ornamentals and nursery crops. In fact, it is one of the top performing fungicides for powdery mildew on the market. When used as directed, **Cygnus**:

- Delivers excellent, long-term protection from powdery mildew.
- Provides highly effective control of rust diseases, scab diseases and fungal leaf spots.
- Has demonstrated excellent crop safety. **Cygnus** can be applied to petunia, pansy and impatiens species, apples, crabapples and Yoshino cherries for control of foliar pathogens, as compared to trifloxystrobin and azoxystrobin where species-specific crop injury is an issue.
- Employs a unique uptake and transport method for kresoxim-methyl, the active ingredient in **Cygnus**, by combining Surface Systemic Activity™ and translaminar movement within the leaf tissue.
- Provides control of infecting fungi by inhibiting spore germination and surface mycelial growth on or just below the leaf surface. The antispore activity of **Cygnus** contributes to long residual activity.
- Can be applied as a spray or drench in protective or early curative applications.

## Diseases Controlled\*

- Anthracnose on Dusty Miller
- Carnation Rust
- Chrysanthemum Rust
- Leaf Spot-Causing Fungi
- Ornamental Apple and Pear Scab
- Powdery Mildew Pathogens
- Rose Rust
- Rose and Snapdragon Downy Mildew
- Snapdragon Rust



\*Consult label for details on any diseases you encounter.

## Use Sites:

**Ornamentals:** Commercial greenhouses, shadehouses, lathouses and outdoor container- or field-grown nurseries, retail nurseries and non-residential landscape areas

**Formulation:** 50% WG (Wettable Granule)

**Packaging:** 1 lb. bottle (6 x 1 lb. case)

**Active Ingredient:** Kresoxim-methyl

**Chemical Family:** Strobilurin

**Mode of Action:** Inhibits mitochondrial respiration at the cellular level.

**Behavior in Plant:** Acts as a local penetrant with translaminar movement following foliar applications.

**Use Rates:** 1.0 to 6.4 oz. per 100 gals.

**Signal Word:** CAUTION

**REI:** 12 hours

**PPE:** Long-sleeved shirt and long pants; chemical-resistant gloves; shoes and socks

**Cygnus<sup>®</sup>**  
Fungicide

## Cygnus Gets Results

### POWDERY MILDEW ON VARIOUS LANDSCAPE PLANTS Massachusetts

Fungicide Treatment	Rate oz. per 100 gal.	DISEASE SEVERITY SCALE (0 - 10)				
		Rose	Gerber Daisy	Monarda	Azalea	Lilac
Cygnus	3.2	1.3	2.5	2.7	3.8	4.4
Cygnus	6.4	0.8	1.7	1.8	2.9	3.4
<b>Sterol Inhibitors:</b>						
Bayleton	1	1.1	1.7	2.1	3.1	3.5
Rubigan	1	0.8	1.7	2.1	3	2.5
Untreated Inoculated		7.1	8.3	7.7	8.6	8.3

Partial data shown.

Scale: 0 = no disease, 10 = 100% infection

Trials were performed in Westford, MA as grower trials, 1997. 4 applications, evaluations made 14 days following last application.

## Keys to Success

For best results, use **Cygnus** preventively when environmental conditions are favorable for disease development. Apply foliar spray solution to runoff. Thorough foliar coverage is important to ensure adequate plant protection. Use of organosilicone-based spray adjuvants in tank mixes with **Cygnus** carries a higher potential of injury on certain ornamentals. Use of non-organosilicone adjuvants may improve rust and powdery mildew control. **Cygnus** can be tank-mixed with other fungicides to broaden the spectrum of control or to limit disease resistance. Since the compatibility of **Cygnus** with all other pesticides has not been fully investigated, it is advisable to perform a compatibility test prior to mixing products together in a tank mix. Refer to specimen label for additional information.

## Control Symptoms

Inhibits spore germination, surface mycelia and sporulation.

## Crop Phytotoxicity

**Cygnus** has shown excellent crop safety in research trials. The label lists a few plants that are intolerant to **Cygnus**: several sweet cherry cultivars and Asian pear 'Olympic.' Refer to product label for a complete list of tested plants. Users should conduct small-scale tests under local growing conditions prior to wide-scale use.

Always read and follow label directions.

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Rubigan is a registered trademark of the Gowan Company.

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