



Technical Bulletin

Aliette® Ornamental
Fungicide

For greenhouse ornamentals and bedding plants

ALIETTE® Ornamental represents a new approach to disease control in ornamentals. **ALIETTE Ornamental** is the first truly systemic fungicide registered to control water mould diseases like Pythium and Phytophthora in greenhouse ornamentals and bedding plants.

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True Systemic Activity

ALIETTE Ornamental represents a unique class of fungicides for Canadian ornamental producers. The active ingredient in **ALIETTE Ornamental**, fosetyl-Al is the first fungicide registered that offers true systemic activity. **ALIETTE Ornamental** moves both upward and downward in the plant's circulatory system to provide protection of both foliar and root systems. When applied through foliar applications, **ALIETTE Ornamental** moves downward to protect roots as well as foliage. When applied as a drench, it moves upward in the plant to protect foliar surfaces.

Mode of Activity

ALIETTE Ornamental acts by inhibiting spore production and blocking mycelium development. **ALIETTE Ornamental** also provides protection by triggering the plant's own natural defense mechanism by stimulating an increase in phytoalexins, the natural fungicides produced by plants.

Part of an Integrated Disease Management Program

ALIETTE Ornamental should be used as part of an integrated disease management program that includes:

- ✓ **Sanitation** – Remove all diseased or dead plant materials to prevent further spread of pathogens.
- ✓ **Removing standing water** – Reduce standing water by fixing irrigation heads that drip or leak; use proper drainage around ornamental beds; raise plant beds to improve drainage.
- ✓ **The use of soil amendments** – Use soil amendments such as hardwood bark to suppress soilborne pathogens
- ✓ **Preventative ALIETTE Ornamental applications** – Use preventative applications of **ALIETTE Ornamental** to protect young and growing plants.

APPLICATION

Foliar Applications:

Greenhouse Ornamentals including Chinese evergreen (Aglaonema), pothos, shefflera, spathiphyllum, azalea

Apply ALIETTE Ornamental at a rate of 2.8kg product/ha, at 14 to 30 day intervals. Apply a maximum of 3 times per year.

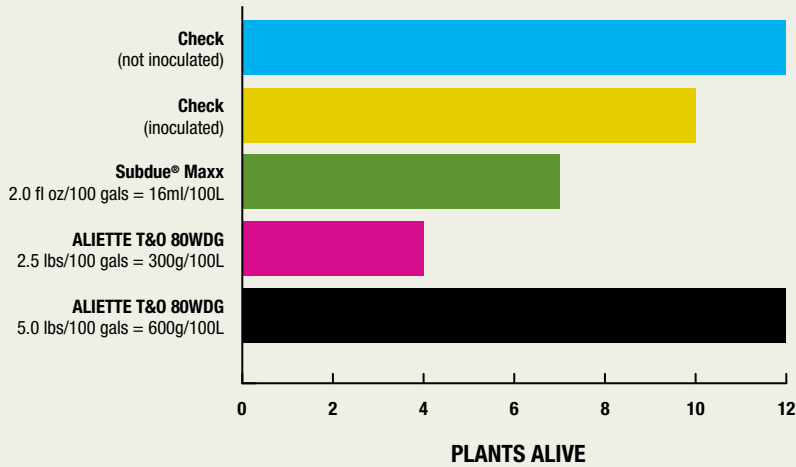
Bedding Plants including begonia, geranium, vinca, celosia, petunia, salvia, and impatiens.

Apply ALIETTE Ornamental at a rate of 2.8kg product/ha at 14 day intervals. Apply a maximum of 3 times per year.

Drench Applications:

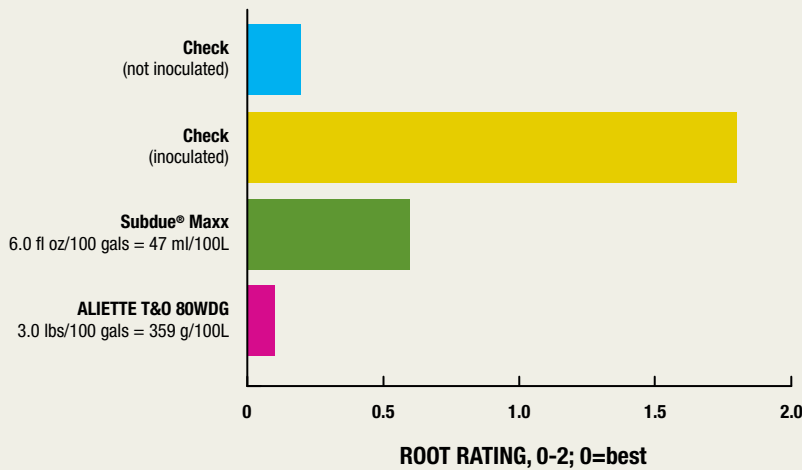
Use 360g of **ALIETTE Ornamental** per 380L of water to cover 36m². Apply before disease onset. Apply one application every 30 days to a maximum of 3 applications per year.

ALIETTE Ornamental Control of Phytophthora Root Rot



Trial: WFE94F26 Crop: Geraniums Application: 8/25/94 Inoculated: 8/26/94 Evaluation: 9/23/94

ALIETTE Ornamental Control of Phytophthora Root Rot of Rhododendrons



Trial: HC000F02 Crop: Rhododendrons "Black Satin" Inoculation: 5/29/00 Application: 5/22, 6/18/00



Mode of Action

ALIETTE Ornamental is the only truly systemic fungicide registered that provides control by moving both upward and downward in the plant to protect both foliage and roots from disease infection. ALIETTE Ornamental acts by inhibiting spore production and by blocking mycelium development. As well ALIETTE Ornamental stimulates the plant's own natural defense mechanisms.

Environmental Impact

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/>



Bayer Environmental Science

BACKED
by **BAYER**™

Ontario/Western Canada Darcy Olds 905-319-8981 | Ontario / Atlantic Canada Colin White 519-239-3983 | Quebec Normand Drapeau 514-949-2467

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For more information on ALIETTE contact Bayer Environmental Science
www.bayeres.ca 1-888-283-6847