



Citadel®

Product Overview

- CITADEL® containing 250 g/L triadimenol is quickly taken up and translocated within the plant to protect against Powdery Mildew in cucurbits, grapevines and pawpaw, Ring Spot in brassica vegetables and key turf diseases including Dollar Spot, Winter Fusarium, Black Helminthosporium and Take-all Patch
- Triadimenol is a systemic compound that is highly active against susceptible fungal populations. Used in rotation with chemistry from alternate Mode of Action Groups, triadimenol continues to play a key role in the management of Powdery Mildew in grapevines, brassicaceous and cucurbitaceous crops
- CITADEL® provides protection inside the leaf which doesn't wash off and is suited to Integrated Pest Management programs.

Mode of Action

GROUP **3** FUNGICIDE

The triadimenol in CITADEL® is a member of the DMI (*Triazole*) group of fungicides which also includes tebuconazole, penconazole, tetraconazole, fenarimol, myclobutanil and others. This group of fungicides should be used within a sound Resistance Management strategy to ensure their continued effectiveness.

When to Use CITADEL®

In cucurbits, as per the CropLife FRMS for Powdery Mildew:

- Start disease control early. DO NOT wait for Powdery Mildew to appear, but start as soon as practicable after crop emergence
- Use protectant sprays such as CITADEL® early in crop growth. Apply protectant sprays up to the fruit set stage of the crop if the disease normally occurs in this period. If this schedule is interrupted (e.g. by rain) use a tank mix of a protectant plus a systemic fungicide before recommencing the protectant program.
- In grapevines, as per the CropLife FRMS for Powdery Mildew:
 - DO NOT apply more than two consecutive sprays of CITADEL® or any other Group 3 Fungicide
 - DO NOT apply more than three Group 3 Fungicide sprays per season
 - DO NOT use Group 3 Fungicides curatively.



Compatibility

CITADEL® has been shown to be compatible in two-way mixtures with Cavalry® Weatherguard, Chief® Aquaflo, Delan*, Mancozeb*, Phosphorus Acid*, Polyram*, Predict®, Sulphur, Biopest* Oil and Dipel*. CITADEL® has been shown to be compatible in three-way mixtures with Mancozeb* + Sphinx® and Polyram* + Sphinx®.

Harvest Withholding Periods

- CITADEL® has a 1 week withholding period in Grapes but should be used no later than 35 days before harvest on Grapes destined for export - approximately 1 week after Veraison (E-L 35)
- CITADEL® has a 1 day withholding period in Cucumbers, Rockmelons, Squash, Watermelons, Zucchini and other cucurbit crops
- CITADEL® has a 1 week withholding period in Pawpaw, Broccoli, Brussels Sprouts, Cabbage, Cauliflower and other brassica vegetable crops.

Features and Benefits

| Features | Benefits |
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| CITADEL® controls susceptible fungal populations in several key crops as part of a preventative disease management program | Provides reliable, cost effective control |
| CITADEL® provides protection from inside the leaf which doesn't wash off ensuring efficacy during adverse weather conditions | Provides longer, more reliable control of susceptible fungal populations |
| CITADEL® is formulated as a convenient, easy to handle liquid in both 1 L and 5 L pack sizes and is compatible with most commonly used fungicides and insecticides applied during the same crop growth stages. | Can be tank mixed with other chemistry to achieve several jobs in the one pass allowing growers to save time and money on application costs. |



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