

Flute[®] 50 EW

FUNGICIDE

Unique chemistry for powdery mildew programs

Flute contains 50 g/L cyflufenamid (MOA Group U6)

Flute[®] 50 EW is an exciting fungicide with registration in Australia for the control of powdery mildew in strawberries, strawberry runners and plug plants.

Flute:

- Is highly effective at low use rates.
- Controls powdery mildew strains resistant to other fungicide groups.
- Has translaminar and vapour action which improves performance in dense canopies.
- Is the only fungicide in the U6 mode of action group.
- Is an EW (emulsion, oil in water) formulation for a high level of crop safety even in high temperatures.

Nil Withholding Period in Strawberries

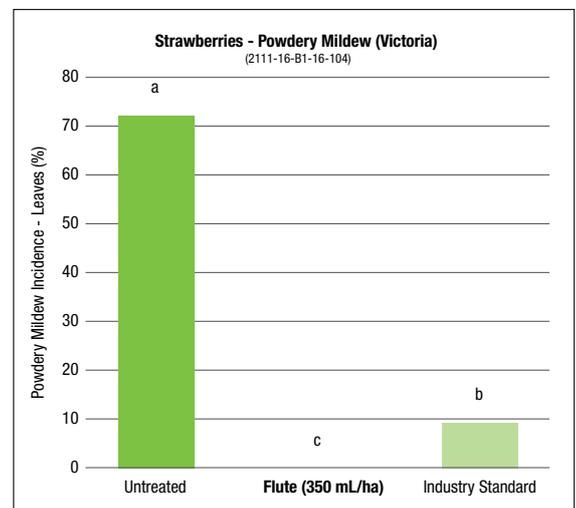
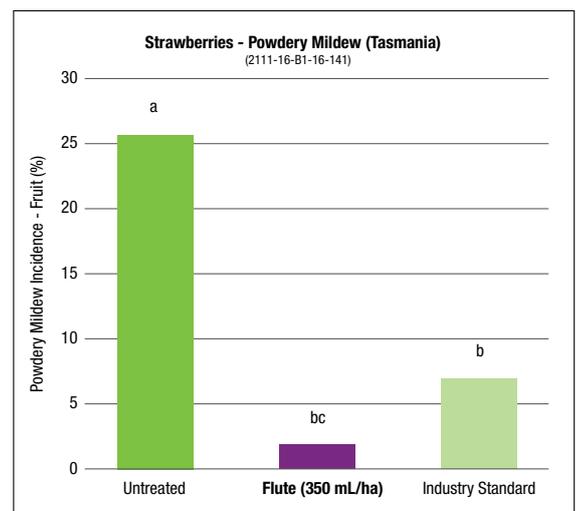
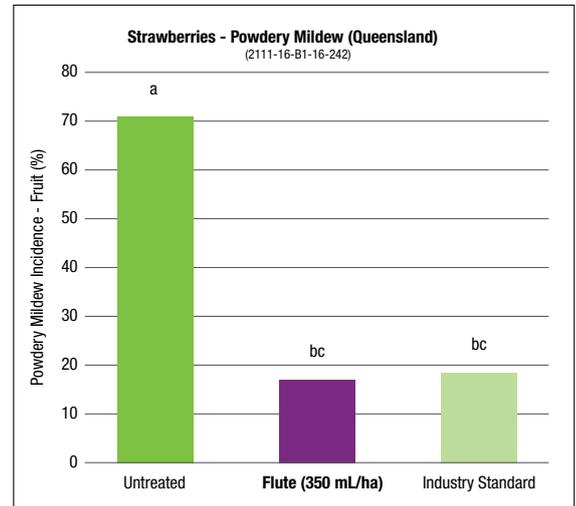
Flute has a low use rate and excellent environmental profile when used as directed. Growers can apply the product up to the day of harvest which allows the flexibility to pick at short notice in response to market opportunities.

Safe to Beneficials

Flute has not shown any adverse effects to bees, green lacewing, ladybeetles, Orius, parasitic wasps (*Aphidius* spp. and *Trichogramma* spp.) and predatory mites (*Persimilis* spp.) in Australia. This confirms the results of trial work conducted overseas on beneficial species showing unmatched beneficial safety. In strawberries, the predatory bug Orius is particularly important for the control of western flower thrips. Flute applied at the label rate had no acute toxic effects on Orius and is therefore safe to be used in IPM programs.



Flute gives Consistent, Effective Disease Control



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Directions for Use Table

The following is an extract of the product label and does not constitute the complete directions for use. The product label should be read thoroughly before opening the packaging.

CROP	DISEASE	RATE	WHP	CRITICAL COMMENTS
Strawberries (field and protected cropping)	Powdery mildew (<i>Podosphaera aphanis</i>)	<i>Dilute Spraying</i> 35 mL/100 L Use when spray volume exceeds 1000 L/ha OR 350 mL/ha Use when spray volume is less than 1000 L/ha Do not apply volumes less than 500 L/ha	Nil	Reduce background levels of disease by removing infected plant debris and/or rotted fruit throughout the season. A fungicide program for the control of powdery mildew should commence early before disease appears. Apply FLUTE 50 EW before first sign of disease or when conditions are conducive to disease development as part of a disease management program. Apply sprays at 7 to 10 day intervals. Use the shorter intervals under conditions favouring disease infection. To ensure thorough spray coverage of the crop, apply to the point of run-off targeting foliage, flowers and fruit. The required dilute spray volume will change and the sprayer setup and operation may also need to be changed, as the crop grows. Do not apply FLUTE 50 EW as consecutive sprays or apply more than 2 sprays per fruiting season, and follow the CropLife Australia resistance management guidelines.
Strawberry runners and plug plants		<i>Dilute spraying:</i> 350 mL/ha Do not apply volumes less than 500 L/ha		Apply a maximum of 2 sprays per cropping season with at least 2 sprays of products from different Mode of Action Groups between them. In addition, a minimum of 2 sprays from different Mode of Action Groups should be made between the last FLUTE 50 EW spray and digging. Apply in a spray volume of 600–800 L water per hectare.

Application

Flute should be applied through a calibrated boom spray to ensure thorough, even coverage. Choose nozzle types and pressures to deliver a MEDIUM size droplet according to ASAE specifications. Use a spray volume of 500 L to 800 L water per ha (minimum water volume of 500 L/ha) and increase water volume to ensure that thorough coverage is maintained. If using knapsack application for strawberries (dilute spraying: 35 mL/100 L), spray up to the point of run-off.

Compatibility

Flute has demonstrated physical compatibility with a wide range of commonly used insecticides and fungicides, however not all products have yet been tested. For updated information please refer to agnova.com.au

Rainfastness

Do NOT apply Flute if spray irrigation or rainfall is expected within two hours of application.

Timing

Flute should be applied as part of a protectant fungicide program before disease symptoms are visible. Follow each Flute application with fungicides from different mode of action groups in accordance with the label directions of those fungicides.

Fungicide Resistance Strategy

Flute use should be limited to two non-consecutive applications per fruiting season (strawberries) or per cropping season (strawberry runners and plug plants). This is consistent with the CropLife Australia resistance management guidelines to reduce the risk of fungicide resistance developing.

Information and data referred to herein were generated using products and rates that were registered at the time, may include extracts from the product label and does not constitute the complete directions for use. Always read and follow product labels.

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