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Flute[®] 50 EW

FUNGICIDE

Unique chemistry for powdery mildew programs.

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

TANK MIXING AND COMPATIBILITIES

Flute[®] 50 EW Fungicide (Flute) is a novel emulsion (oil in water) formulation registered for the control of powdery mildew in grapes and cucurbits.

Flute has been tested in the laboratory for physical compatibility in a range of two-way mixtures that include many products commonly used in grapes and cucurbits.

Field trials have also been conducted under Australian conditions to evaluate the crop safety of mixtures and the impact of the mixing partner on Flute efficacy.

Results are summarised in the table below, and must be read in conjunction with the notes on page 4.

| TANK MIX PRODUCT | CROP | PHYSICAL COMPATIBILITY | CROP SAFETY | EFFECT ON FLUTE EFFICACY/ COMMENTS |
|-------------------------------------|--|------------------------|-------------|------------------------------------|
| WINE GRAPES Fungicides | | | | |
| Agri-Fos* 600 | Shiraz | ✓ | ✓ | No effect |
| Bravo* 720 SC | Chardonnay and Semillon | ✓ | ✓ | Slight reduction in efficacy |
| Cabrio* 250 SC | Chardonnay | ✓ | ✓ | Disease level too low to measure |
| Captan* 800 WG | Sauvignon blanc, Chardonnay and Semillon | ✓ | ✓ | No effect |
| Delan* 700 WG | Chardonnay | ✓ | ✓ | Disease level too low to measure |
| Domark* 40 ME | Chardonnay | ✓ | ✓ | No effect |
| Dragon* 700 WG | Chardonnay | ✓ | ✓ | Disease level too low to measure |
| Kocide* Blue Xtra* 350 DF | Sauvignon blanc, Chardonnay and Semillon | ✓ | ✓ | No effect |
| Kocide* Opti 300 WG | Chardonnay | ✓ | ✓ | Disease level too low to measure |
| Kumulus* 800 DF | Chardonnay and Semillon | ✓ | ✓ | No effect |
| Mancozeb 750 DF | Chardonnay and Semillon | ✓ | ✓ | Very slight reduction in efficacy |
| Prolectus* 400 SC + Maxx Surfactant | Shiraz | ✓ | ✓ | No effect |
| Revus* 250 SC | Sauvignon blanc, Chardonnay and Semillon | ✓ | ✓ | No effect |
| Ridomil* Gold MZ 680 WG | Chardonnay and Semillon | ✓ | ✓ | No effect |
| Rovral* Aquaflo 500 SC | Chardonnay and Semillon | ✓ | ✓ | No effect |
| Scala* 400 SC | Chardonnay and Semillon | ✓ | ✓ | No effect |
| Teldor* 500 SC | Chardonnay and Semillon | ✓ | ✓ | No effect |
| Thiovit* Jet 800 WG | Sauvignon blanc | ✓ | ✓ | Disease level too low to measure |
| Tri-Base Blue* 190 SC | Chardonnay | ✓ | ✓ | Disease level too low to measure |
| Zampro* 525 SC | Shiraz | ✓ | ✓ | No effect |

*Denotes trademark or registered trademark

It is essential that growers read the labels of potential tank mix products thoroughly for any use restrictions that may apply, and conduct their own small scale trials prior to mixing and applying commercial quantities.

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| TANK MIX PRODUCT | CROP | PHYSICAL COMPATIBILITY | CROP SAFETY | EFFECT ON FLUTE EFFICACY/ COMMENTS |
|--|-----------------------------------|------------------------|---------------------|---|
| WINE GRAPES Insecticides | | | | |
| Applaud* 440 SC | Shiraz | ✓ | ✓ | No effect |
| Avatar* 300 WG | Chardonnay | ✓ | ✓ | Disease level too low to measure |
| Delegate* 250 WG | Chardonnay and Semillon | ✓ | ✓ | No effect |
| Lorsban* 500 EC | Shiraz | ✓ | ✓ | No effect |
| Lorsban* 750 WG | Chardonnay | ✓ | ✓ | Disease level too low to measure |
| Movento* 240 SC + Hasten* | Shiraz | ✓ | ✓ | No effect |
| Proclaim* 44 SG | Chardonnay | ✓ | ✓ | Disease level too low to measure |
| Prodigy* 240 SC | Chardonnay and Semillon | ✓ | ✓ | No effect |
| WINE GRAPES Nutrition and harvest aids | | | | |
| Fetrilon* Combi | Sauvignon blanc and Shiraz | ✓ | ✓ | Disease level too low to measure |
| Wuxal* | Sauvignon blanc | ✓ | ✓ | Disease level too low to measure |
| TABLE GRAPES Fungicides | | | | |
| Bravo* 720 SC | Crimson seedless | ✓ | ✘ | Effect on efficacy not measured. Bravo alone marked fruit, worse in mixture with Flute. 3X concentrate worse than dilute spraying |
| Kumulus* 800 DF | Crimson seedless | ✓ | ✓ | Effect on efficacy not measured |
| Mancozeb 750 DF | Crimson seedless | ✓ | Not crop safe at 3X | Effect on efficacy not measured. Mancozeb was safe as a dilute spray but not as a 3X concentrate spray |
| Revus* 250 SC | Crimson seedless | ✓ | ✓ | Effect on efficacy not measured |
| Ridomil* Gold MZ 680 WG | Crimson seedless | ✓ | ✓ | Effect on efficacy not measured |
| Rovral* Aquaflo 500 SC | Crimson seedless | ✓ | ✓ | Effect on efficacy not measured |
| Scala* 400 SC | Crimson seedless | ✓ | ✓ | Effect on efficacy not measured |
| Teldor* 500 SC | Crimson seedless | ✓ | ✓ | Effect on efficacy not measured |
| TABLE GRAPES Nutrition and harvest aids | | | | |
| ProGibb* 400 SG and ProGibb* 100 G.A. | Dawn seedless Crimson seedless | ✓ | ✓ | Effect on efficacy not measured |

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| TANK MIX PRODUCT | CROP | PHYSICAL COMPATIBILITY | CROP SAFETY | EFFECT ON FLUTE EFFICACY/ COMMENTS |
|-------------------------------|-----------------------|------------------------|-------------|------------------------------------|
| CUCURBITS Fungicides | | | | |
| Acrobat* 500 SC | Zucchini | ✓ | ✓ | No effect |
| Agri-Fos* 600 | Zucchini | ✓ | ✓ | No effect |
| Bravo* Weather Stik 720 SC | Pumpkin | ✓ | ✓ | No effect |
| Captan* 800 WG | Pumpkin | ✓ | ✓ | No effect |
| Dithane Rainshield* 750 WG | Zucchini | ✓ | ✓ | No effect |
| Kocide* Blue Xtra 350 DF | Pumpkin | ✓ | ✓ | No effect |
| Microthiol* Disperss 800 WG | Pumpkin | ✓ | ✓ | No effect |
| Polyram* 700 DF | Zucchini | ✓ | ✓ | No effect |
| Rebound* 640 WP | Zucchini | ✓ | ✓ | No effect |
| Revus* 250 SC | Pumpkin | ✓ | ✓ | No effect |
| Ridomil* Gold MZ 680 WG | Zucchini | ✓ | ✓ | No effect |
| Ridomil* Gold Plus 440 WP | Pumpkin | ✓ | ✓ | No effect |
| CUCURBITS Insecticides | | | | |
| Ambush* 500 EC | Cucumber | ✓ | ✓ | Disease level too low to measure |
| Belt* 480 SC + Agral* | Cucumber and Zucchini | ✓ | ✓ | No effect |
| Bugmaster* 500 SC | Zucchini | ✓ | ✓ | No effect |
| Confidor* 200 SC | Zucchini | ✓ | ✓ | No effect |
| Coragen* 200 SC + Agral* | Zucchini | ✓ | ✓ | No effect |
| Dipel* DF | Zucchini | ✓ | ✓ | No effect |
| MainMan* 500 WG | Cucumber | ✓ | ✓ | Disease level too low to measure |
| MainMan* 500 WG + Hasten* | Cucumber | ✓ | ✓ | Disease level too low to measure |
| Movento* 240 SC | Cucumber | ✓ | ✓ | Disease level too low to measure |
| Movento* 240 SC + Hasten* | Cucumber and Zucchini | ✓ | ✓ | No effect |

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|--|-----------------------|------------------------|-------------|------------------------------------|
| CUCURBITS Insecticides (continued) | | | | |
| Proclaim* 44 SG | Cucumber | ✓ | ✓ | Disease level too low to measure |
| Rogor* 400 EC | Zucchini | ✓ | ✓ | No effect |
| Success* Neo 120 SC | Cucumber and Zucchini | ✓ | ✓ | No effect |
| Teppiki* 500 WG | Zucchini | ✓ | ✓ | No effect |
| Vertimec* 018 EC | Zucchini | ✓ | ✓ | No effect |
| CUCURBITS Nutrition and harvest aids | | | | |
| Wuxal* | Zucchini | ✓ | ✓ | No effect |
| CUCURBITS Adjuvants, oils, wetters & sun protection | | | | |
| Eco Oil | Zucchini | ✓ | ✓ | No effect |
| Hasten* spray adjuvant | Cucumber and Zucchini | ✓ | ✓ | No effect |
| Kwicken* | Zucchini | ✓ | ✓ | No effect |
| Nufilm* - P | Zucchini | ✓ | ✓ | No effect |
| Surround* | Zucchini | ✓ | ✓ | No effect |
| Synerrol* Horti Oil | Zucchini | ✓ | ✓ | No effect |
| Wetcit* spray adjuvant | Zucchini | ✓ | ✓ | No effect |

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PLEASE NOTE:

- Flute has been tested for compatibility in Australia with only the brand names listed in this AgNote, and with formulations of each product available at time of testing. Environmental conditions and product formulations can influence crop safety and may impact the result under local conditions, regardless of the findings presented herein. Hence, this information should be treated as a guide only.
- It is essential that growers read the labels of potential tank mix products thoroughly for any use restrictions that may apply, and conduct their own small scale trials prior to mixing and applying commercial quantities.
- It is strongly recommended that no more than one product is tank mixed with Flute.
- Flute is absorbed into the leaf cuticle, and the amount absorbed may be influenced by the dose of the tank mix partner being applied. Hence, products with high application rates can provide a physical barrier to Flute penetration and therefore may adversely impact product performance.

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