

KUSABI[®]

FUNGICIDE

RELIABLE, UNIQUE, EFFECTIVE...
Chemistry to count on for POWDERY MILDEW CONTROL on CUCURBITS

Active Ingredient: Contains 300 g/L Pyriofenone in the form of a suspension concentrate

**KUSABI[®] IS AN EXCELLENT PROTECTIVE FUNGICIDE
TO STOP POWDERY MILDEW IN ITS TRACKS!**

EXCELLENT DISEASE CONTROL

Strong preventative activity. Stops powdery mildew at the onset of the disease
Offers disease protection to all leaf and fruit surfaces
Inhibits lesion formation and prevents sporulation

EXCELLENT MOVEMENT IN PLANTS

Strong vapour action for optimal coverage
Strong secondary movement in plants through redistribution on the leaf surface

EXCELLENT RAINFASTNESS

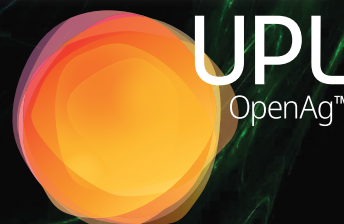
UNIQUE MODE OF ACTION

Kusabi[®] can be used in a disease resistant management strategy

| CROP | DISEASE | RATE | CRITICAL COMMENTS |
|--------------------------|-------------------|---------------|--|
| Cucurbits - field | Powdery mildew | 400 mL/ha | Apply KUSABI [®] in a protectant program at 14 day intervals when conditions favour disease development. DO NOT wait for disease to appear. Ensure thorough coverage of plants. Application should be made in sufficient water to obtain thorough coverage of the crop. The total number of KUSABI applications per season should not exceed 3. |
| Cucumbers - hot house | | 50 mL/100L | Apply KUSABI [®] in a protectant program at 14 day intervals when conditions favour disease development. DO NOT wait for disease to appear. Ensure thorough spray coverage of plants by applying up to the point of run-off. The total number of KUSABI applications per season should not exceed 3. |

COMPATIBILITY

KUSABI[®] is compatible with most commonly used insecticides and fungicides. KUSABI[®] is also compatible with super spreader products such as DU-WETT[®].



MODE OF ACTION

Pyriofenone is a next generation chemical found in the FRAC Group 50 from the actin disruption group.

QoIs
(FRAC Group 11)
20 QoIs

Cell signaling
(FRAC Group 13)

Actin function
FRAC Group 50
Metrafenone
Pyriofenone

DMIs
(FRAC Group 3)
37 DMIs

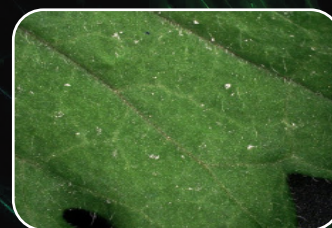
SDHI
(FRAC Group 7)
21 SDHIs

VAPOUR ACTIVITY:

KUSABI's strong vapour action differentiates it from other powdery mildew fungicides. This 'vapour effect' is stronger and longer lasting than that of other chemistries found in the same group.



UTCK



pyriofenone300SC 110 g a.i./ha



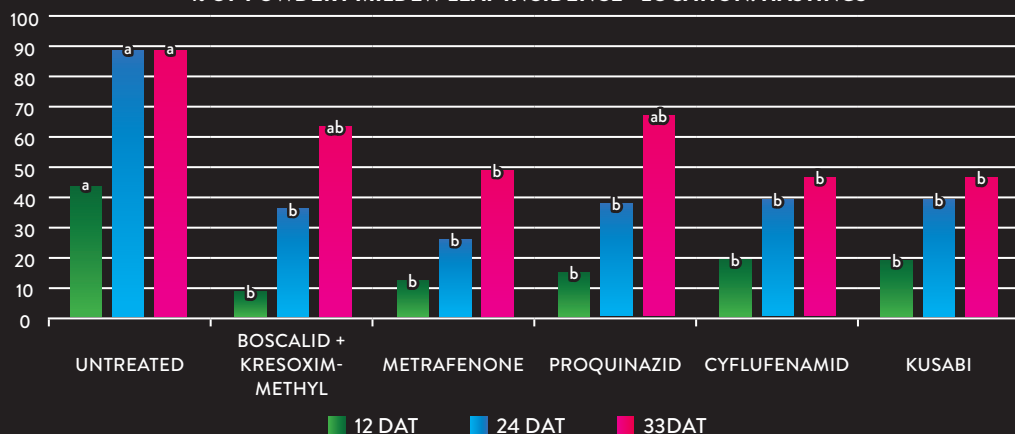
metrafenone300SC 125 g a.i./ha



metrafenone300SC 336 g a.i./ha

Control activity on untreated plant by Redistribution casing of Vapour.

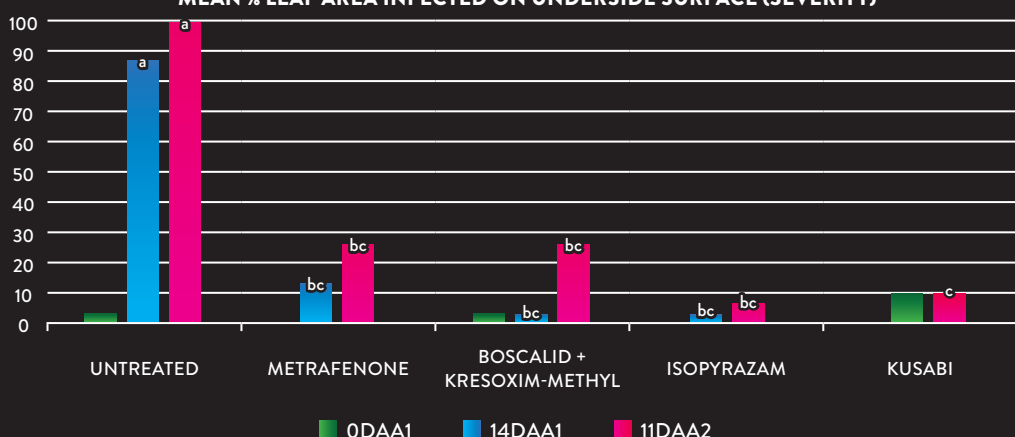
% OF POWDERY MILDEW LEAF INCIDENCE - LOCATION: HASTINGS



TRIAL INFORMATION

- One application of the indicated fungicide was applied to pumpkin squash at approximately 7 weeks after planting
 - All treatments were applied at label recommended rates with Du-Wett® at 150ml/ha
- Reference: Peak Research Ltd, 2016.

MEAN % LEAF AREA INFECTED ON UNDERSIDE SURFACE (SEVERITY)



TRIAL INFORMATION

- SPRAY INTERVAL: 2 sprays at 14 day intervals
 - LOCATION: Hawkes Bay
- Reference: Peracto New Zealand Ltd, 2016.



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