

## ‘Disarm’ powdery mildew with a very different mode of action

Vivando prevents powdery mildew spores from penetrating the surface of grapes and cucurbit crops. Applied before infection appears, Vivando is rainfast in one hour and spreads across the plant surface to protect areas that the initial spray couldn't reach.



- Vapour action increases surface coverage and protection of new shoots and within tight bunches of grapes.
- Rainfast in one hour.
- Easy tank-mixing of the suspension concentrate formulation.
- Group U8 chemistry achieves control through very innovative and effective disease disruption.

### Crops

Cucurbits and grapevines

### Disease controlled

Powdery mildew

### Application method

Ground application only

### Harvest WHPs

Cucurbits: 7 days

Table grapes: 5 weeks

Wine grapes: AWRI Dog book timing

80% capfall



Untreated control

Vivando

4 x 20 mL/100 L

For more information on Vivando, visit [crop-solutions.basf.com.au](http://crop-solutions.basf.com.au) or contact your local BASF representative on **1800 558 399**

# Vivando®

## Fungicide

### How and when to apply Vivando

**Rates**    **Cucurbits** 150–300 mL/ha    **Grapevines** 20 mL/100 L

#### Method

Good coverage of the crop is essential for effective disease control.

#### Cucurbits

Apply by boom equipment using spray volumes between 250 and 500 L/ha.

#### Grapevines

Dilute or concentrate spray.

#### Timing

##### Cucurbits

Preventative application over flowering can help to maximise fruiting set and harvest numbers. Make a maximum of two consecutive Vivando spray applications 7 to 10 days apart starting before powdery mildew becomes established.

##### Wine grapes

Apply as part of a protectant spray program beginning when shoots are 10 cm long. Preventative sprays application from early flowering to 80% capfall in wine grapes are recommended to maximise fruit set and grape yield. Refer to the AWRI Dog Book for withholding periods before applying Vivando to wine grapes for export.

##### Table grapes

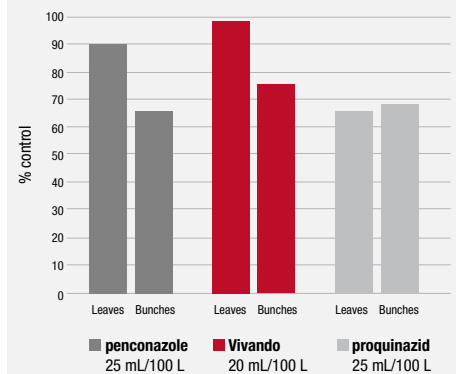
Apply as part of a protectant spray program beginning when shoots are 10 cm long. Preventative sprays application over flowering are recommended to maximise bunch production and grape quality. A maximum of 4 treatments can be applied up to 5 weeks before harvest in table grapes.

### Resistance management

Vivando is a Group U8 fungicide with no cross-resistance to other modes of action. Like all fungicides, Vivando should be used in rotation with products with a different mode of action to help slow the development and spread of resistant pathogens. DO NOT apply Vivando more than twice in succession before changing to an alternative fungicide group for powdery mildew control. DO NOT apply Vivando more than four times to each crop. DO NOT allow Vivando to make up more than one third of the total powdery spray program in any cucurbit crop.



#### Excellent disease control in grapes



Averaged results from two Yarra Valley trials 2015–2016. 4 product applications from late flowering. Disease incidence measured at 21 and 45 DALT.

NB: Efficacy development trial – treatments do not necessarily reflect labelled use patterns.

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#### ALWAYS READ AND FOLLOW LABEL DIRECTIONS BEFORE USE OF ANY PRODUCTS IN THIS FACT SHEET.

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