

FACT SHEET

## Vivando® fungicide

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

Vivando has a novel mode of action that prevents powdery mildew spores from penetrating the surface of grapes and cucurbit crops. Applied before infection appears, Vivando spreads across the plant surface to protect areas that the initial spray couldn't reach. Each spray provides up to three weeks of protection and Vivando can be used to extend pumpkin and squash protectant programs out to 14 days before harvest.



#### Crops

Grapes  
Pumpkins  
Winter squash

#### Disease controlled

Powdery mildew

#### Application method

Ground application only

#### Harvest WHPs

Pumpkins: 14 days  
Winter squash: 14 days  
Grapes: do not apply after the start of capfall

- Group U8 chemistry achieves control through very innovative and effective disease disruption.
- Residual control lasts for up to 21 days.
- Vapour action increases surface coverage and protection of new shoots and within tight bunches of grapes.
- When used as directed there are no residues in wine.
- Vivando treatment can help prevent yield loss in pumpkin and winter squash compared to leaving the crops untreated.
- The treatment is rainfast as soon as it has dried on the crop.

# Vivando®

## Fungicide

### How and when to apply Vivando

**Rates**    **Pumpkins and winter squash:** 300 mL/ha  
              **Grapes:** 20 mL/100 L

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#### Method

##### Grapes

Apply in sufficient water to provide adequate coverage of the target area, taking into account the canopy volume and row spacing. For concentrate spraying, the rate of product applied must be equal to the rate per hectare that would be applied with dilute application based on the above rates.

##### Pumpkins and winter squash

Apply in sufficient water to provide uniform coverage of the crop.

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#### Timing

##### Grapes

Preferably apply in successive treatments 14–21 days apart in a program that includes fungicides with different modes of action, such as triazoles. Use the shorter interval when infection pressure is heavy. Vivando can be applied up to pre-capfall (E-L 18) and must not be applied more than twice in any one season.

##### Pumpkins and winter squash

Apply on a 14–21 day schedule in a protectant program alternating with fungicides with different modes of action such as Colliss®, triazoles, or Kumulus® DF. Use the shorter interval when infection pressure is heavy. Vivando must not be applied more than twice on any one crop.

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### Resistance management

Vivando is a Group U8 fungicide with no cross-resistance to other modes of action. To minimise the risk of resistance to Vivando developing, use it strictly in accordance with the label Directions for use in a program that includes fungicides with different modes of action. Vivando should not be applied more than twice in any one season. Refer to the NZCPR website – [resistance.nzpps.org](http://resistance.nzpps.org) – for more detailed information.



For more information on Vivando,  
visit [crop-solutions.basf.co.nz](http://crop-solutions.basf.co.nz) or call **0800 558 399**

**ALWAYS READ AND FOLLOW LABEL DIRECTIONS BEFORE USING ANY PRODUCT IN THIS FACT SHEET.**

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