



Predict®

Product Overview

- PREDICT® is a high loaded SC formulation containing 600 g/L pyrimethanil for the control of Grey Mould (*Botrytis cinerea*) in Grapevines
- PREDICT® is compatible with many insecticides and fungicides commonly used at the same application timing
- PREDICT® is highly suitable for use in IPM programs and will provide a valuable tool for many growers as part of a CropLife Fungicide Resistance Management Strategy.

Mode of Action

GROUP **9** FUNGICIDE

The pyrimethanil in PREDICT® is a member of the anilinopyrimidine group of fungicides which also includes other fungicides containing pyrimethanil (Scala*) and cyprodinil (SOLARIS®, Switch* and Chorus*).

Pyrimethanil acts against amino acid and protein synthesis, thus inhibiting enzyme secretion and effectively starving the pathogen. PREDICT® is taken up into the plant cuticle and distributed via translaminar activity to protect both sides of the leaf and other parts of the plant where it provides long lasting protection which doesn't wash off. PREDICT® is particularly effective in the cool wet conditions favoured by *Botrytis cinerea*.

PREDICT® penetrates into developing berries to control latent Botrytis and to protect from future infections at wound sites left by detaching caps, insect attack, wind rubbing and other physical damage.

Application

- PREDICT® contains 50% more active ingredient than other pyrimethanil based fungicides, reducing the usage rates of PREDICT® required to two thirds those of alternatives.

Dilute Spraying

- Apply PREDICT® at the rate of 133 mL/100 L water (maximum 1.33 L/Ha).

Concentrate Spraying

- Apply PREDICT® at the rate of 1.0 to 1.33 L/Ha. For concentrate spraying at flowering use the high rate on dense canopies or when conditions favour disease.

Harvest Withholding Periods

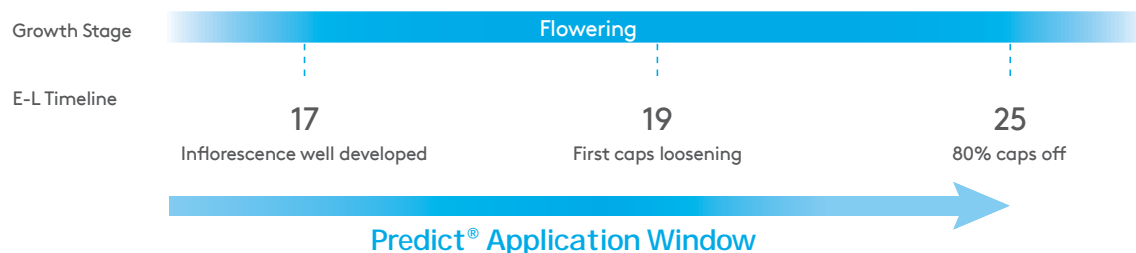
- PREDICT® has a 7 day harvest withholding period in both wine and table grapes but should not be used after 80% capfall on grapes destined for export as per AWRI guidelines.

Integrated Pest Management

- PREDICT® is harmless to bees and predators in situations where integrated mite control is practised
- PREDICT® is suitable for use in IPM programmes. It is non-toxic to bees, *Typhlodromus dossei*, *Typhlodromus dorenae* and *Amblyseius victoriensis*.



When to apply PREDICT®



CropLife Resistance Management Strategies

- Restrictions on the use of Group 9 fungicides limit the number of sprays of PREDICT® that can be applied in each season
- Late season fungicide treatments should be applied before Botrytis infection reaches unacceptably high levels in the vineyard
- DO NOT apply more than two consecutive sprays from the same fungicide group, including from the end of one season to the next
- If three or fewer Grey Mould sprays are applied in a season, use only one PREDICT® spray per season
- If four or more Grey Mould sprays are applied use no more than two sprays containing Group 9 fungicides. Alternate applications of Group 9 containing fungicides with effective fungicides from other fungicide groups
- Apply a maximum of 1.33 L/Ha of Predict (800 g of active) per year as per AWRI guidelines for pyrimethanil usage in grapes destined to be used for export wines.

Compatibility

- PREDICT® is compatible with many fungicides and insecticides commonly used at similar timing in grapevines including; Dipel* (Bacillus thuringiensis), DIMETHOATE, CITADEL® (triadimenol), STRIKE-OUT® WP (chlorpyrifos), Dithane* (mancozeb), Mycloss (myclobutanil), Kocide® (copper), GIBBERELLIC ACID, AXIOM® PLUS (metalaxyl) and wettable sulphur
- Do not mix PREDICT® with alkaline products including lime sulphur and Bordeaux mixtures.



Features and Benefits

Features	Benefits
High level botrytis control with no known resistance	Peace of mind that disease will be managed even in the cool wet conditions favoured by <i>Botrytis cinerea</i>
Highly compatible with other fungicides and insecticides used at the same timing in spray programs	Allowing one pass control of key insect pests and diseases
Rainfast in 1 hour	Confidence that applications will be effective even when rain is imminent
Contains 50% more active ingredient than other pyrimethanil based fungicides	Usage rates required of PREDICT® reduced to two thirds those of alternatives which means less packaging, lifting and storage
Use of PREDICT® is approved by the AWRI Dog Book.	PREDICT® meets all necessary MRL criteria when applied as directed allowing grape growers to use with confidence.

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