



# 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 and tolerant ornamental species and is now registered to control Grey Mould in Strawberries
- PREDICT® is registered to control Target Spot or Early Blight (*Alternaria solani*) in Potatoes and Tomatoes when tank-mixed with Cavalry® Weatherguard and other chlorothalonil fungicides
- PREDICT® is registered for use against Yellow Sigatoka (*Mycosphaerella musicola*), Leaf Speckle (*Mycosphaerella musae*) and Cordana Leaf Spot (*Cordana musae*) in Bananas
- PREDICT® provides 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 cool wet conditions favoured by *Botrytis cinerea*.

## 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.

### Harvest Withholding Periods

- No withholding period is required after use of PREDICT® in Bananas and Potatoes when used as directed.
- DO NOT harvest for 1 day after application of PREDICT® in Tomatoes and Strawberries
- DO NOT harvest for 7 days after application of PREDICT® in Table Grapes.

### Integrated Pest Management

- PREDICT® is harmless to predators in situations where integrated mite control is practised
- PREDICT® is suitable for use in IPM programmes as it is non-toxic to birds, bees, *Typhlodromus dossei*, *Typhlodromus doreenae* and *Amblyseius victoriensis*. When tank-mixed with chlorothalonil in Potatoes and Tomatoes, however, there may be a hazard to adult parasitic wasps (*Trichogramma cacoeciae*).



## 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.

### Strawberries

- Apply a program of protectant fungicides during flowering. Only use PREDICT® if conditions favour disease development during this period
- Avoid applying more than two successive sprays of PREDICT® (or other Group 9 fungicides), including from the end of one season to the next
- If three or fewer Grey Mould fungicide sprays are applied per crop, use only one PREDICT® (or other Group 9 fungicides) spray
- If four to six sprays are applied per crop use a maximum of two PREDICT® (or other Group 9 fungicide) sprays
- If seven or more sprays are applied per crop use a maximum of three PREDICT® 600 SC (or other Group 9 fungicide) sprays.

### Potatoes and Tomatoes

- If 3 or less Target Spot sprays are used per season use only one PREDICT® application
- If 4 to 6 Target Spot sprays are used per season use a maximum of 2 Group 9 applications
- If 7 or more Target Spot sprays are used per season use a maximum of 3 Group 9 applications
- DO NOT apply more than two successive sprays of PREDICT® before changing to a registered product that does not contain a Group 9 fungicide.

### Ornamentals

- Do not apply more than two consecutive sprays of PREDICT® or other Group 9 fungicides, including from the end of one season to the next
- If three or fewer grey mould fungicide sprays are applied per crop, use only one PREDICT® application. If four to six sprays are applied per crop use a maximum of two Group 9 fungicides
- If seven or more sprays are applied per crop use a maximum of three Group 9 fungicides.



## 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	One pass control of key insect pests and diseases
Rainfast in 1 hour	Confidence that applications will be effective even when rain 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.

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