



Crop guide for strawberries

Serenade Opti is a biofungicide registered for control of grey mould (*Botrytis cinerea*) in strawberries.

The key features of Serenade Opti are:

No withholding period.

Highly compatible with many commonly used products in growers' spray programs.

As a Group 44 fungicide, Serenade Opti supports resistance management through a new mode of action.

There are no restrictions on the number of applications of Serenade Opti.

Soft on most beneficial species when used as directed.

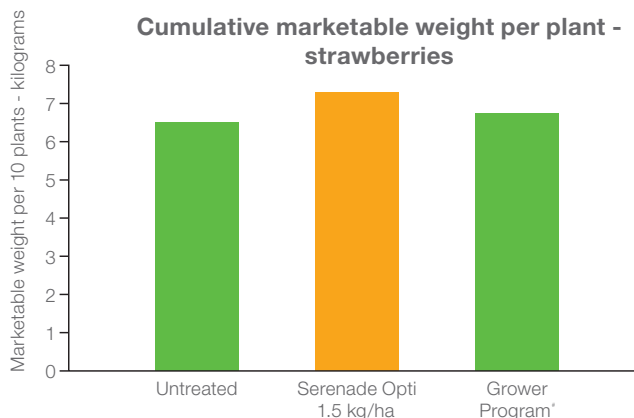
OMRI (USA organic) certified.

Serenade® Opti, scientifically proven, naturally effective.

What is Serenade Opti?

Serenade Opti contains the unique properties of the pure Bayer Crop Science QST713 strain of *Bacillus amyloliquifaciens* bacteria and is a formulated combination of spores and fungicidally active compounds produced by the spores. QST713 is a naturally occurring strain of *Bacillus amyloliquifaciens* (*subtilis*) discovered in an orchard soil sample. This strain has been chosen for its overall superior performance after testing of over 20,000 strains of bacteria. *Bacillus amyloliquifaciens* strain QST713 and the Serenade Opti formulation have been extensively studied in many agricultural situations over many seasons.

The Serenade Opti wettable powder formulation has been developed for foliar application.



Serenade Opti program:
13 applications at 1.5 kg/ha
***Grower Program**

Product	Rate	Timing
Captan® 800 WG	125 g/100 L	AGH
Scala 400 SC	2 L/ha	BI
Fontelis®	1.75 L/ha	CJ
Rovral®	1 L/ha	DK
Teldor	1 L/ha	EL
Switch® 62,5 WG	80 g/100 L	FM

Data is based on 24 harvests from 1 trial

Best practice use of Serenade Opti in strawberries:

- **Effective prevention of grey mould** – Serenade Opti generally provides similar grey mould protection as registered synthetic products in low to moderate disease pressure situations. Under high disease pressure, it is recommended that Serenade Opti is applied in combination with an effective synthetic botryticide to optimise efficacy. Reduce background levels of disease by removing plant debris and diseased fruit.
- **Beginning of flowering** – As infection often occurs at flower development, for preventative control, apply Serenade Opti at 1.5 kg/ha or 150 g/100 L water every 5 to 10 days from the beginning of flowering. Serenade Opti does not require adjuvants and there are no temperature or humidity restrictions on application. Serenade Opti will not impede the performance of pollinating insects.
- **Highly compatible** – Serenade Opti is compatible with a range of synthetic products, so it can be used as an effective tank mix partner as part of a disease management program.
- **Resistance management** – Serenade Opti is classified as a group 44 fungicide and although this is a low risk group, best practice is to rotate with other botryticides such as Scala® and Teldor®.
- **Maximise coverage** – As a preventative, non-systemic product, ensure thorough coverage of all foliage, flowers and fruit.

For more technical information on Serenade Opti and the use of Serenade Opti in grapes or tomatoes, capsicums and chillies, refer to the additional Crop Guides at crop.bayer.com.au/serenadeopti

DIRECTIONS FOR USE*

CROP	DISEASE/PEST	RATE
Strawberries (field & protected cropping systems)	Botrytis (<i>Botrytis cinerea</i>)	1.5 kg/ha

CRITICAL COMMENTS

Reduce background levels of disease by removal of plant debris and rotted fruit. Serenade Opti provides more effective disease prevention than curative control.

Apply every 5 to 10 days commencing at early flowering stage. If conditions favour botrytis development, apply Serenade Opti every 5 days. As part of a preventative botrytis program rotate applications of Serenade Opti with other registered botryticides.

Spray to point of runoff, ensuring thorough coverage of all foliage and fruit.

Withholding periods (WHP)

Strawberries: NOT REQUIRED WHEN USED AS DIRECTED.

Want more information?

For more information on getting the best out of Serenade Opti, visit crop.bayer.com.au/serenadeopti or talk to your local Bayer representative.

*Please refer to the Serenade Opti product label for the Restraints associated with the use of Serenade Opti. Always refer to the product label before use.

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Always consult the product label for detailed information. The information and recommendations set out in this brochure are based on tests and data believed to be reliable at the time of publication. Results may vary, as the use and application of the products is beyond our control and may be subject to climatic, geographical or biological variables, and/or developed resistance. Any product referred to in this brochure must be used strictly as directed, and in accordance with all instructions appearing on the label for that product and in other applicable reference material. So far as it is lawfully able to do so, Bayer CropScience Pty Ltd accepts no liability or responsibility for loss or damage arising from failure to follow such directions and instructions.

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