



SERENADE[®] ASO

10 L e



Fungicide

A fungicide for the reduction of fruit damage caused by grey mould (*Botrytis cinerea*) on protected strawberry crops.

A suspension concentrate containing 1015.1 g/L *Bacillus subtilis* strain QST 713 (including fermentation residues and water).

Containing a minimum of 1.05×10^{12} cfu/L.

For professional use only.

PROTECT FROM FROST.

Do not store below 4°C.

Authorisation holder:

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Safety Information

SERENADE ASO

Containing 1015.1 g/L *Bacillus subtilis* strain QST 713 (a minimum of 1.05×10^{12} cfu/L).

Dispose of contents/container to a licensed hazardous waste disposal contractor or collection site except for triple rinsed empty containers which can be disposed of as non-hazardous waste.

To avoid risks to human health and the environment, comply with the instructions for use.

PCS No. 03847



SAFETY PRECAUTIONS

Operator Protection

Engineering control of operator exposure must be used where reasonably practicable in addition to the following personal protective equipment:

WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS), SUITABLE PROTECTIVE GLOVES AND SUITABLE RESPIRATORY PROTECTIVE EQUIPMENT* when handling the concentrate or applying the product.

*Disposable filtering facepiece respirator to at least EN 149 FFP3 or equivalent.

Environmental Protection

Do not contaminate water with the product or its container (Do not clean application equipment near surface water/Avoid contamination via drains from farm yards and roads.)

Use appropriate containment to avoid environmental contamination.

This material and its container must be disposed of in a safe way.

Storage and Disposal

RINSE CONTAINER THOROUGHLY by using an integrated pressure rinsing device or manually rinsing three times. Add washings to sprayer at time of filling and dispose of safely.

WASH OUT CONTAINER THOROUGHLY and dispose of safely.

COMPANY ADVISORY INFORMATION

Serenade[®] ASO is a naturally occurring biological control agent suitable for use in organic growing systems. It is approved for use in organic farming under EC Regulation No.834/2007 & 889/2008 by IMO Switzerland.

However, it is advisable to check with your organic certification scheme before use.

READ ALL INSTRUCTIONS CAREFULLY BEFORE USE.



serenadeasosds

To access the **Safety Data Sheet** for this product scan the code or use the link below:

www.bayercropscience.ie/sds/serenadeaso.pdf

or alternatively contact your supplier

IE84898201f rA7a

Bayer



IMPORTANT: This information is approved as part of the product label. All instructions within this section must be read carefully in order to obtain safe and successful use of this product.

DIRECTIONS FOR USE

For professional use only via tractor mounted/trailed sprayer and knapsack.

INTRODUCTION

Serenade ASO is a biofungicide containing *Bacillus subtilis* QST 713, naturally occurring bacteria that are not genetically modified, for the reduction of fruit damage caused by grey mould (*Botrytis cinerea*) in protected strawberry crops.

It may be applied as a foliar spray alone or in alternating spray programmes with other registered crop protection products.

Alternating with fungicides of different modes of action, along with the use of cultural control methods, is advisable for resistance management.

Crops	Maximum individual dose	Maximum number of treatments	Latest time of application
Strawberry (protected)	10.0 L/ha	6 per crop	0 days before harvest

Disease Control

Serenade ASO is for the reduction of fruit damage caused by grey mould (*Botrytis cinerea*) on protected strawberry crops. For maximum effectiveness, Serenade ASO should be applied prior to or in the early stages of disease development. When disease pressure is high, use Serenade ASO in rotation with suitable approved chemicals.

Crop Recommendations

Serenade ASO is for use on protected strawberry crops.

Application rates

Application rates of Serenade ASO should be 10 L/ha, applied up to every 7 days or in rotation with a suitable approved chemical.

Mixing and Spraying

Before use ensure that all spray equipment is clean.

Add half the volume of water required, and start agitating.

Agitate product container well and add the required amount of Serenade® ASO, continue filling spray tank with the required volume of water.

Keep agitating until spraying completed.

All application equipment must be thoroughly cleaned with water prior to storage or use on another crop.

Serenade ASO should be applied in sufficient water to ensure good crop cover, with a minimum of 400 L/ha.

If a knapsack application is used, a dilution rate of 1 L Serenade® ASO to 40 L water should be used, (which will be sufficient coverage of apx. 1/10th Ha.)

Restrictions and Warnings

CONSULT PROCESSOR BEFORE USING ON CROPS FOR PROCESSING.

Do not apply using irrigation equipment.

Micro-organisms may have the potential to provoke sensitising reactions.

Storage

Serenade ASO is a biological product and so should be treated with some care. It can be stored at room temperature for two years, storage at higher temperatures may reduce its shelf-life.

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