

SERAPHIN™

GROUP 11|3 FUNGICIDE

MAPP 16248

A protectant and systemic fungicide for the control of *Sclerotinia* stem rot in oilseed rape and Chocolate spot in field beans.

A suspension concentrate formulation containing 120 g/l (11.03% w/w) azoxystrobin and 200 g/l (18.4% w/w) tebuconazole.



ADAMA



Scan for Safety Data Sheet or use weblink:
<https://bit.ly/3fTL8zJ>

FR R3.2.1 JUN21



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Warning

Harmful if swallowed.
Suspected of damaging the unborn child.
Very toxic to aquatic life with long lasting effects.
Contains 1,2-benzisothiazolin-3-one. May produce an allergic reaction.
Keep out of reach of children.
Do not eat, drink or smoke when using this product.
Wear protective gloves.
Collect spillage.
Dispose of contents/container to a licensed hazardous waste disposal contractor or collection site except for empty, clean 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.

L20508IPFR_02

SERAPHIN™

MAPP 16248

SHAKE WELL BEFORE USE

DIRECTIONS FOR USE:

full instructions in this leaflet.

Batch No.: see packaging

Adama Agricultural Solutions UK Ltd

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Telephone: 01635 860555 | **Technical Helpline:** 01635 876622

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For advice on medical emergencies, fires or major spills telephone the National Chemical Emergency Centre on 01865 407333

The (COSHH) Control of Substances Hazardous to Health Regulations may apply to the use of this product at work.

OPEN HERE ►

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 GLOVES when handling the concentrate and when handling contaminated surfaces.

However, engineering controls may replace personal protective equipment if a COSHH assessment shows they provide an equal or higher standard of protection.

TAKE OFF IMMEDIATELY all contaminated clothing.

WASH ALL PROTECTIVE CLOTHING thoroughly after use, especially the insides of gloves.

WASH HANDS AND EXPOSED SKIN before eating and drinking and after work.

IF YOU FEEL UNWELL, seek medical advice immediately (show the label where possible).

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 farmyards and roads.

To protect aquatic organisms respect an unsprayed buffer zone to surface water bodies in line with LERAP requirements.

DO NOT ALLOW DIRECT SPRAY from horizontal boom sprayers to fall within 5 m of the top of the bank of a static or flowing waterbody, unless a Local Environmental Risk Assessment for Pesticides (LERAP) permits a narrower buffer zone, or within 1 m of the top of a ditch which is dry at the time of application.

Aim spray away from water.

This product qualifies for inclusion within the Local Environmental Risk Assessment for Pesticides (LERAP) scheme. Before each spraying operation from a horizontal boom sprayer, either a LERAP must be carried out in accordance with HSE's published guidance or the statutory buffer zone must be maintained. The results of the LERAP must be recorded and kept available for inspection for three years.

Storage and Disposal

KEEP IN ORIGINAL CONTAINER, tightly closed, in a safe place.

WASH OUT CONTAINER THOROUGHLY, empty washings into spray tank and dispose of safely.

DO NOT RE-USE CONTAINER FOR ANY PURPOSE.

THIS MATERIAL AND ITS CONTAINER must be disposed of in a safe way.

IMPORTANT INFORMATION

FOR PROFESSIONAL USE ONLY AS AN AGRICULTURAL FUNGICIDE

Crop	Maximum individual dose (litres product/ha)	Maximum number of applications (per crop)	Latest time of application	Aquatic buffer zone distance (metres)
Oilseed rape	1.0	2	Up to and including full flowering (BBCH 65)	5
Field beans	1.0	1	Up to 50% of fruits having reached final size or fruit has reached 50% of final size (BBCH 75)	5

Other specific restrictions:

This product must not be applied via hand-held equipment.

READ THE LABEL BEFORE USE. USING THIS PRODUCT IN A MANNER THAT IS INCONSISTENT WITH THE LABEL MAY BE AN OFFENCE. FOLLOW THE CODE OF PRACTICE FOR USING PLANT PROTECTION PRODUCTS.

BK R3.2.1 JUN21

L20508IPBB_02

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DIRECTIONS FOR USE

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.

RESTRICTIONS OR WARNINGS

To reduce the risk of resistance developing in target diseases, the total number of applications of products containing Qol fungicides made to any crop must not exceed two.

Avoid drift onto neighbouring crops, as damage may occur, particularly to broad-leaved plants.

Avoid overlapping spray swaths.

Crops should not be re-entered until spray residues are dry.

RESISTANCE

SERAPHIN™ is a co-formulated mixture of azoxystrobin, a member of the Qol cross resistance group, and tebuconazole from the triazole group. The two active ingredients possess different modes of action and thus form part of a resistance management strategy.

Users should refer to current FRAG-UK guidelines for Qol compounds.

SERAPHIN contains tebuconazole, a DMI fungicide. For further advice on resistance management in DMIs, contact your agronomist or specialist advisor, and visit the Fungicide Resistance Action Group (FRAG) - UK website.

The efficacy of this product may be affected if strains of disease pathogens resistant or less sensitive occur at any time. As such occurrences cannot be predicted. No responsibility can be accepted for the results obtained.

DISEASES CONTROLLED

Oilseed rape

Sclerotinia (Stem rot) – moderate control.

Field beans

Chocolate spot – moderate control.

CROP SPECIFIC INFORMATION

Time of application

Oilseed rape

SERAPHIN should be applied as a protectant treatment following a disease risk assessment or following appropriate decision support systems.

A second treatment may be required if disease pressure remains high.

SERAPHIN should be applied as a protectant spray during flowering. The optimum timing is early flowering to mid flowering (BBCH 61–65).

Field beans

Best results are achieved by applying SERAPHIN as disease appears from early flowering. The optimum timing of application is April to July (BBCH 50-75). A second spray with an alternative product may be required 3-4 weeks later if disease pressure remains high.

RATE OF USE

Oilseed rape -

apply SERAPHIN at 1.0 L/ha in 200-300 L water/ha.

Field beans -

apply SERAPHIN at 1.0 L/ha in 160-300 L water/ha.

Use the higher water volume in denser crops.

MIXING AND SPRAYING

Half-fill the spray tank with clean water and begin agitation. Add the required quantity of SERAPHIN and add the remainder of the water. Continue agitation until spraying is completed. Wash out sprayer thoroughly after use.

Apply as a medium spray as defined by BCPC.

DISCLAIMER/CONDITIONS OF SUPPLY

The specified properties of our products and the mode of application stated on this label have been established on the basis of research and experience. Products conform to specification at the time of delivery but, as we exercise no control over their subsequent storage, handling, mixing or use or the weather conditions before, during and after application, all of which may affect the performance of the products, no responsibility or liability will be accepted by us or our re-sellers for any failure in performance, damage or injury to person or property whatsoever arising from the storage, handling, application or use of the products. These conditions cannot be varied by our staff or agents whether or not they supervise or assist in or make recommendations concerning the use of such products. We recommend you contact your dealer to request advice on the suitability of this product for any new and/or unusual growing methods or for new varieties not listed on this label.

Marketed by

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COMPANY ADVISORY INFORMATION

This section is not part of the Product Label under Regulation 1107/2009 (GB/NL) and provides additional advice on product use.

RESTRICTION

Certain apple varieties are highly sensitive to azoxystrobin. As a precaution, SERAPHIN should not be applied when there is a risk of spray drift onto neighbouring apple crops. Spray equipment used to apply SERAPHIN to other crops should not be used to treat apples.