

**BASF**

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# Filan<sup>®</sup>



**MAPP 11449**

**A water dispersible granule containing 50% w/w boscalid  
Filan is a protectant and systemic fungicide for use against early  
and late-season diseases in oilseed rape.**

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

## **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 product.

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

**WHEN USING DO NOT EAT, DRINK OR SMOKE.**

**WASH HANDS** before meals and after work.

### **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.

### **Storage and disposal**

**KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS.**

**KEEP OUT OF REACH OF CHILDREN.**

**STORE IN ORIGINAL CONTAINER** tightly closed, in a safe place.

**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.

Store in a suitable pesticide store. Keep dry and protect from frost.

**This label is compliant with the CPA  
Voluntary Initiative Guidance**

# 2.5 kg

Supplied by: BASF plc, 4th and 5th Floors, 2 Stockport Exchange, Railway Road, Stockport SK1 3GG, Telephone: 0161 475 3000

Emergency Information (24 hours freephone): 0049 180 227 3112  
Technical Enquiries: 0845 602 2553 (office hours)

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## **Filan<sup>®</sup>**

**A water dispersible granule containing 50% w/w boscalid**

If medical advice is needed, have product container or label at hand.

Keep out of reach of children.

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.**

### **IMPORTANT INFORMATION**

**FOR USE ONLY AS AN AGRICULTURAL FUNGICIDE, as directed below:**

<b>Crops</b>	<b>Maximum individual dose</b>	<b>Maximum total dose per crop</b>	<b>Latest timing</b>
Oilseed Rape	0.5 kg/ha	1.0 kg/ha	Up to and including when 50% of pods have reached final size (GS 75)

**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.**

## 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.

Filan is a protectant and systemic fungicide for use in oilseed rape for the control of *Sclerotinia* stem rot (*Sclerotinia sclerotiorum*) and dark leaf and pod spot (*Alternaria brassicae*). A reduction in *Phoma* leaf spot and stem canker (*Leptosphaeria maculans*) may also be obtained.

## Restrictions/Warnings

Avoid spray drift on to neighbouring crops.

Filan represents minimal hazard to bees when used as directed. Consideration should be given to informing bee-keepers when you intend spraying crops in flower.

A reduction in *Sclerotinia* control may be observed in oilseed rape when high-risk infection conditions occur after flowering, leading to secondary spread of the disease through plant-to-plant contact, which may be more severe in lodged crops.

## Disease control

Filan is a protectant and systemic fungicide for use in oilseed rape for the control of *Sclerotinia* stem rot and *Alternaria* dark leaf and pod spot. A reduction in *Phoma* leaf spot and stem canker infection may also be obtained.

## Resistance Management

Filan contains boscalid which belongs to the SDHI (carboxamide) group of fungicides. Currently there is no evidence of field strains of *Leptosphaeria maculans*, *Sclerotinia sclerotiorum* or *Alternaria brassicae* that are resistant to the carboxamide fungicides in oilseed rape in the UK.

Currently there is evidence of cross resistance between boscalid and other fungicides in the carboxamide group, but no cross resistance has been observed with fungicides with other modes of action.

The key of resistance management strategies is the reduction of selection pressure. This can be achieved by good agricultural practice which leads to less infection pressure (e.g. crop & stubble hygiene, use of less susceptible varieties, crop rotation, use of healthy seeds, etc).

Risk assessments for the target diseases on oilseed rape indicate a low or medium risk of resistance development. To minimise any possible risk of resistance occurring, the number of applications of Filan should be restricted to two per crop. Filan should be applied in a preventive manner in mixture with a non-cross resistant fungicide with activity against the target disease at a dose that will give robust control, and as an integral part of a spray programme including fungicides with different modes of action.

For further advice on resistance management in SDHIs contact your agronomist or specialist advisor, and visit the FRAG-UK website.

## Crop Specific Information

### Oilseed rape

#### Time of Application

Apply Filan as a protectant spray. Two applications can be made from the four true leaf stage of the crop in the autumn, up to and including when 50% of pods are at final size (GS 75 BBCH).

Applications against *Phoma* should be made from early autumn at the first signs of *Phoma* leaf spot infection.

Applications against *Sclerotinia* should be made in high disease risk situations at early to full flower (GS 63-65 BBCH), before disease symptoms are visible.

Applications against *Alternaria* should be made from full flowering (GS 65 BBCH) up to and including when 50% of pods have reached final size (GS 75 BBCH). Applications made after the end of flowering (GS69) may result in reduced levels of control.

## Mixing and Application

### Mixing

Never prepare more spray solution than is required.

Half fill the spray tank with clean water and start the agitation.

Slowly add the required amount of Filan whilst re-circulating.

Rinse empty containers thoroughly, using an integrated pressure rinsing device or by manually rinsing three times.

Add washings to tank at time of filling and dispose of container safely.

Add the remainder of the water and continue agitation until spraying is complete.

### Application

Apply 0.5kg of Filan in 220 – 400 litres of water per hectare as a MEDIUM spray, as defined by BCPC. In dense crops use the higher volume to achieve adequate penetration and good coverage of the crop.

Where possible use narrow-wheeled high clearance application equipment. To ensure optimum spray coverage and minimize spray drift, adjust the spray boom to the appropriate height above the crop, in according to guidance provided by the sprayer and/or nozzle manufacture.

### The following does not form part of the authorised label text.

With many products there is a general risk of resistance developing to the active ingredients. For this reason a change in activity cannot be ruled out. It is generally impossible to predict with certainty how resistance may develop because there are so many crop and use connected ways of influencing this. We therefore have to exclude liability for damage or loss

attributable to any such resistance that may develop. To help minimise any loss in activity the BASF recommended rate should in all events be adhered to.

Numerous, particularly regional or regionally attributable, factors can influence the activity of the product. Examples include weather and soil conditions, crop plant varieties, crop rotation, treatment times, application amounts, admixture with other products, appearance of organisms resistant to active ingredients and spraying techniques. Under particular conditions a change in activity or damage to plants cannot be ruled out. The manufacturer or supplier is therefore unable to accept any liability in such circumstances. All goods supplied by us are of high grade and we believe them to be suitable, but as we cannot exercise control over their mixing or use or the weather conditions during and after application, which may affect the performance of the material, all conditions and warranties, statutory or otherwise, as to the quality or fitness for any purpose of our goods are excluded and no responsibility will be accepted by us for any damage or injury whatsoever arising from their storage, handling, application or use; but nothing should be deemed to exclude or restrict any liability upon us which cannot be excluded or restricted under the provisions of the Unfair Contract Terms Act 1977 or any similar applicable law.

## Section 6 of the Health and Safety at Work Act

### Additional Product Safety Information

The product label provides information on a specific pesticidal use of the product; do not use otherwise, unless you have assessed any potential hazard involved, the safety measures required and that the particular use has "off-label" approval or is otherwise permitted under the Plant Protection Products Regulations.

The information on this label is based on the best available information including data from test results.

### Safety Data Sheet

To access the Safety Data Sheet for this product scan the QR code or use the weblink below:



[agricentre.basf.co.uk/Filan/MSDS](http://agricentre.basf.co.uk/Filan/MSDS)

Alternatively, contact your supplier.

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