**Use:** A protectant and systemic fungicide for use against late-season diseases in oilseed rape.

**Formulation:** A water dispersible granule containing 50% w/w boscalid.

**Pack Size:** 4 x 2.5 kg.

**LERAP:** Not required.

**Recommended Crop:** Oilseed rape.

**Recommended Rates:** 0.5 kg/ha.

**Maximum Total Dose per Crop:** 1.0 kg/ha.

**Water Volume:** 220-400 litres per hectare.

**Spray Quality:** MEDIUM

**Latest Time of Application:** Up to and including when 50% of pods have reached final size (GS 75).

**Risk to Bees:** Minimal hazard when used as directed. See Section 1.

**Aerial Application:** No

**Compatibility:** For details of compatibilities contact your distributor, local BASF representative, the BASF Technical Services Hotline: 0845 602 2553 or visit our website on: www.agriCentre.basf.co.uk

**Major changes since last printing:** None.

This product label is compliant with the CPA Voluntary Initiative Guidance.
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).

1. 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 beekeepers 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.

2. 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.

2.1 Resistance

Filan contains boscalid which belongs to the SDHI (carboxamide) group of fungicides.

Currently there is no evidence of field strains of Sclerotinia sclerotiorum or Alternaria brassicae that are resistant to the carboxamide fungicides in oilseed rape.

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, following the recommendations on the label, and as an integral part of a spray programme including fungicides with different modes of action.
3. CROPS

Oilseed rape

Time of Application

Apply Filan as a protectant spray. Two applications can be made up to and including when 50% of pods are at final size (GS 75 BBCH).

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.

4. MIXING AND APPLICATION

4.1 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.

4.2 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 accordance with guidance provided by the sprayer and/or nozzle manufacturer.

5. CONTAINER AND STORAGE

Filan is supplied in 2.5 kg containers and should be kept dry and frostproof in a suitable pesticide store.
6. **SAFETY PRECAUTIONS**

**Operator protection**

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

**WEAR SUITABLE PROTECTIVE GLOVES** when handling the product.

However, engineering controls may replace personal protective equipment if a COSHH assessment shows 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 FEEDINGSTUFFS.**

**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.

7. **DPD REGULATIONS (CHIP 3)**

A water dispersible granule containing 50% w/w boscalid

**TOXIC TO AQUATIC ORGANISMS, MAY CAUSE LONG TERM ADVERSE EFFECTS IN THE AQUATIC ENVIRONMENT**

**KEEP OUT OF REACH OF CHILDREN**

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

**WHEN USING DO EAT, DRINK OR SMOKE**

**USE APPROPRIATE CONTAINMENT TO AVOID ENVIRONMENTAL CONTAMINATION.**

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

This product is approved under the Plant Protection Products Regulations 2005.
## IMPORTANT INFORMATION

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

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

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.

(MAPP No. 11449)