

bonafide

A water dispersible granule formulation containing 500 g/kg (50% w/w) of boscalid. A protectant and systemic fungicide for the 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.



HAZARDOUS TO THE AQUATIC ENVIRONMENT – CHRONIC 2

TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECT

P273: Avoid release to the environment.

P391: Collect spillage.

P501: 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.

MAPP: 18775

IMPORTANT INFORMATION

FOR USE ONLY AS A PROFESSIONAL FUNGICIDE

| <i>Crop</i> | <i>Maximum individual dose (kg product/ha)</i> | <i>Maximum total dose (kg product / ha / crop)</i> | <i>Latest time of application</i> |
|--------------|--|--|---|
| Oilseed rape | 0.5 | 1 | 50% of pods at final size (GS 75 BBCH) |

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.

Batch number:

Production date:

Authorisation holder:

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Belgium



Sharda Cropchem

Contents:

5 Kg

SAFETY PRECAUTIONS

Operator Protection

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

- Operators must 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 eating and drinking 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 OUT OF REACH OF CHILDREN.

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

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS.

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.

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.

Bonafide 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 (*Leptosphaeriamaculans*) may also be obtained.

1. Restrictions and warnings

Avoid spray drift on to neighbouring crops.

Bonafide 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.

2. Diseases Controlled

Bonafide 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.

3. Resistance management

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

Currently there is no evidence of field strains of *Leptosphaeriamaculans*, *Sclerotiniasclerotiorum* 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 Bonafide should be restricted to two per crop. Bonafide 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.

4. Time of application

Oilseed rape

Apply Bonafide 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.

5. Mixing, rate of use and spraying

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 Bonafide 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.

Rate of use and application

Apply 0.5kg of Bonafide 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 manufacturer.

Thoroughly clean the sprayer and measuring equipment after using Bonafide.

A maximum of 2 applications per crop may be made.

6. Following crops

There are no following crops restriction.

The following does not form part of the product label under the UK Plant Protection Products Regulations.

CONDITIONS OF SUPPLY

All goods supplied by us are of high grade and we believe them to be suitable but, as we cannot exercise control over their storage, handling, mixing or use or the weather conditions before, during and after application which may affect the performance of the goods, 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 or re-sellers for any failure in performance, damage or injury whatsoever arising from their storage, handling, application or use. These conditions cannot be varied by our staff or agents whether or not they supervise or assist in the use of such goods.

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