

FUNGICIDE

PROPERTY[®]

180 SC

An agricultural fungicide for use against Powdery mildew (*Blumeria graminis*) in wheat, barley, oats, rye, spelt and triticale.

FOR USE ONLY AS AN AGRICULTURAL FUNGICIDE FOR PROFESSIONAL USE ONLY

A suspension concentrate containing 180 g/litre (16.7% w/w) pyriofenone

GROUP U8 FUNGICIDE

24-hour emergency number: 0032 14 58 45 45



Marketing company: **Belchim Crop Protection Limited**
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Contents: **1L_e**

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UN 3082



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Approval holder:



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@ Property is a registered trademark of
Ishihara Sangyo Kaisha Ltd. Japan

RISK AND SAFETY INFORMATION

PROPERTY[®] 180 SC - A suspension concentrate containing 180 g/litre (16.7% w/w) pyriofenone

**Suspected of causing cancer
Toxic to aquatic life with long lasting effects**

Keep out of reach of children
Do not handle until all safety precautions have been read and understood
Do not eat, drink or smoke when using this product
Contaminated work clothing should not be allowed out of the workplace
Avoid release to the environment
Wear protective gloves/protective clothing/eye protection/face protection
If exposed or concerned: Get medical advice/attention
Wash contaminated clothing before re-use
Collect spillage

WARNING

Dispose of contents/container to a licensed hazardous-waste disposal contractor or collection site except for empty clean triple rinsed containers which can be disposed of as non-hazardous waste
Safety data sheet available on request
To avoid risks to human health and the environment comply with the instructions for use.

PCS n° 05275

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 (NITRILE), RUBBER BOOTS AND FACE PROTECTION (FACE SHIELD) when handling the concentrate.
- WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS), SUITABLE PROTECTIVE GLOVES (NITRILE) AND RUBBER BOOTS when applying the product and when handling contaminated surfaces.
- WHEN USING DO NOT EAT, DRINK OR SMOKE.
- WASH HANDS before meals and after work.
- IF SWALLOWED, seek medical advice immediately and show this container or label.

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 of 5m to surface water bodies.
- Avoid drift during application.

Storage and Disposal

- KEEP OUT OF REACH OF CHILDREN.
- KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS.
- KEEP IN ORIGINAL CONTAINER, tightly closed, in a safe place.
- Store in the original packaging at a temperature between 5 and 25°C.
- THIS MATERIAL AND ITS CONTAINER must be disposed of in a safe way.
- DO NOT RE-USE CONTAINER FOR ANY PURPOSE.

IMPORTANT INFORMATION - FOR USE ONLY AS AN AGRICULTURAL FUNGICIDE

Crops	Max. individual dose (L/ha)	Max. total dose (L/ha)	Latest time of application
Winter & spring wheat, durum wheat	0.5 L/ha	1.0 L/ha	BBCH 65
Winter and spring barley, oat, triticale and spelt	0.5 L/ha	1.0 L/ha	BBCH 50
Rye	0.5 L/ha	1.0 L/ha	BBCH 65

Other specific restrictions:

- PROPERTY® 180 SC contains pyriofenone which is a benzoylpyridine fungicide.
- DO NOT re-enter treated crops for 6 hours after treatment.

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

RESTRICTIONS/WARNINGS

For wheat (including durum wheat) and rye: do not use after the BBCH 65 growth stage.
For winter and spring barley, oat, triticale and spelt: do not use after the BBCH 49-50 growth stage.

DISEASE CONTROL

PROPERTY®180SC is a fungicide based on pyriofenone which is an active substance belonging to the benzoylpyridine chemical family (FRAC code U8). PROPERTY®180SC is a fungicide for use against Powdery mildew (*Blumeria graminis*) with protectant properties on on winter and spring cereals. The product acts preventatively against powdery mildew and provides some curative control in the latent phase.

PROPERTY®180SC acts mainly by preventing the formation of haustoria and by inhibiting the growth of mycelium and sporulation. The vapour re-distribution properties provide complete and long-lasting protection of target plants together with some curative control of mildew in the latent phase.

PROPERTY®180SC is not affected by rain falling one hour after application provided the spray deposit has completely dried. For optimum efficacy, rain should not fall for at least 3 hours

after application.

RESISTANCE MANAGEMENT

PROPERTY®180SC contains pyriofenone which is a benzoylpyridine fungicide.

Apply PROPERTY®180SC according to the label instructions. PROPERTY®180SC can be used as part of a resistance management strategy that includes using it in mixtures or sequences with products that are effective against Powdery mildew and that have a different mode of action, and in combination with cultural control methods.

To reduce the risk of resistance developing, where mildew is established at the time of application (infestation of 5% or more), PROPERTY®180SC must be used in mixture with a mildewicide with an alternative mode of action, such as fenpropidin or fenpropimorph.

Use PROPERTY®180SC as part of an Integrated Crop Management Strategy (ICM) incorporating other methods of control, including where appropriate, other fungicides with a different mode of action against Powdery mildew. Do not mix with products containing metrafenone.

CROP SPECIFIC INFORMATION

PROPERTY®180SC can be used on winter and spring cereals.

Timing of application. Apply PROPERTY®180SC at the start of foliar disease attack. Treatment should be applied preventatively at the onset of disease development before its

spread to new growth; this will generally be at BBCH growth stage 30/31 (the end of tillering up to the start of the stem extension growth stage). Later application can be made to winter and spring wheat, durum and rye crops up to BBCH growth stage 65 (full flowering, with 50% of the anthers showing). For winter and spring barley, oat, triticale and spelt, later application can be made up to growth stage BBCH 49/50 (beginning of heading, first spikelet just visible).

Maximum number of treatments: Two per crop

Rate of application. Apply 0.5 L of PROPERTY® 180SC in 200 – 300 L of water per hectare as a MEDIUM spray quality (BCPC).

MIXING AND SPRAYING

Ensure the spray tank is clean before use.

Shake product container well before use

Half fill the spray tank with clean water and start the agitation. Pour in the required amount of product. Rinse any empty containers, thoroughly and, add rinsing to the spray tank. Add the remainder of the water and continue agitation until spraying is completed. Keep the spray solution agitated until all product is applied. Never prepare more spray solution than required.

Triple rinse empty product containers and add the diluted product remainder to the spray solution. When tank mixes are to be used, each product should be added separately to the spray tank.

TANK CLEANING

Thoroughly wash all spraying and measuring equipment with water immediately after use. Wear suitable protective clothing (coveralls), suitable protective gloves (nitrile), rubber boots and face protection (face shield) when cleaning the spray equipment. Dispose of washings and cleaned containers according to local authority guidance.

TANK MIXING

Powdery mildew fungicides are often applied in tank mixture in order to widen the spectrum of disease control. Depending upon the efficacy and properties of the associated tank mixture, it may be possible to reduce the dose of PROPERTY®180SC to 0.3 L/ha. Always use with an eradicant partner where mildew is present.

RE-ENTRY PERIOD

Do not re-enter treated crops for 6 hours after treatment.

SUCCESSING CROPS

After treating a cereal crop with PROPERTY® 180SC, oilseed rape, maize, potato, sugar beet, kidney bean, soybean, pea, onion, turnip, lettuce, flax, oat, barley and wheat can be planted as succeeding crops.

CONDITIONS OF SUPPLY

All goods supplied by us are of a 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 of 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.

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

WEBLINK to specific data sheet on manufacturer's website:



www.bechim.co.uk/pdf/MSDS/Property_1E_MSDS.pdf

Alternatively, contact your supplier.

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