



**BELCHIM**  
C R O P P R O T E C T I O N

## PROPERTY® 180 SC

Version and date: Version 1 Autumn 2015

Changes since last version: N/A

**FORMULATION AND ACTIVE INGREDIENT:** A suspension concentrate containing 180 g/L (16.7% w/w) pyriofenone. An agricultural fungicide for use against Powdery mildew (*Blumeria graminis*) in wheat, triticale and rye.

PACK SIZE: 1 – 10LT

PCS No: 05275

UN: 3082



**FOR PROFESSIONAL USE ONLY**

<b>IMPORTANT INFORMATION – FOR USE ONLY AS AN AGRICULTURAL FUNGICIDE</b>			
<b>Crops</b>	<b>Max. individual dose (L/ha)</b>	<b>Max. total dose (L/ha)</b>	<b>Latest time of application</b>
<b>Winter &amp; spring wheat, durum wheat</b>	0.5 L/ha	0.5 L/ha	BBCH 65
<b>Triticale, spelt</b>	0.5 L/ha	0.5 L/ha	BBCH 50
<b>Rye</b>	0.5 L/ha	0.5 L/ha	BBCH 65



**Other specific restrictions:**

1. PROPERTY 180 SC contains pyriofenone which is a benzoylpyridine fungicide. Do not apply more than once to any one crop.
2. 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.**

Property® is a registered trademark of ISHIHARA SANGYO KAISHA Ltd., Japan

## RISK AND SAFETY INFORMATION

<p><b>Property 180 SC</b></p> <p><b>WARNING</b></p>  	<p><b>A suspension concentrate containing 180 g/L (16.7% w/w pyriofenone)</b></p> <p><b>Suspected of causing cancer</b> <b>Toxic to aquatic life with long lasting effects</b></p> <p>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</p> <p>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</p> <p>Safety data sheet available on request</p> <p><b>To avoid risks to human health and the environment comply with the instructions for use.</b></p>
--	--

### 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 (FACESHIELD) when handling the concentrate.
- WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS), SUITABLE PROTECTIVE GLOVES (NITRILE) AND RUBBER BOOTS when applying the product and 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.

### **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 BBCH 65 growth stage.

For triticale and spelt: do not use after the BBCH 49-50 growth stage.

### **DISEASE CONTROL**

PROPERTY180 SC is a fungicide based on pyriofenone which is an active substance belonging to the benzoylpyridine chemical family (FRAC code U8). PROPERTY 180 SC is a fungicide for use against Powdery mildew (*Blumeria graminis*) with protectant properties on winter and spring wheat, durum wheat, triticale, spelt and rye. The product acts preventatively against Powdery mildew and provides some curative control in the latent phase.

PROPERTY 180 SC 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 180 SC 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**

PROPERTY180 SC contains pyriofenone which is a benzoylpyridine fungicide. Apply PROPERTY180 SC according to the label instructions. Only single applications per crop are permitted.

PROPERTY180 SC 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 180 SC must be used in mixture with a mildewicide with an alternative mode of action, such as fenpropidin or fenpropimorph.

Use PROPERTY 180 SC 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 180 SC can be used on winter wheat, spring wheat, durum wheat, triticale, spelt and rye.

Timing of application: Apply PROPERTY180 SC 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 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: One per crop

Rate of application: Apply 0.5 L of PROPERTY 180 SC 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 180 SC 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.

### **SUCCEEDING CROPS**

After treating a cereal crop with PROPERTY 180 SC, 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.

TECHNICAL ENQUIRIES:	01480 403333
24 HOUR EMERGENCY NUMBER:	0032 1458 4545

**Marketing company: Belchim Crop Protection Limited**  
**1b Fenice Court, Phoenix Park, Eaton Socon, St. Neots, Cambridgeshire PE19 8EW**

<b>Tel : 01480 403333</b>	<b>Fax: 01480 403444</b>
<a href="http://www.belchim.co.uk">www.belchim.co.uk</a>	<a href="mailto:Info-uk@belchim.com">Info-uk@belchim.com</a>
Weblink: <a href="http://www.belchim.co.uk/pdf/MSDS/Property_MSDS.pdf">www.belchim.co.uk/pdf/MSDS/Property_MSDS.pdf</a>	

Property<sup>®</sup> is a registered trademark of ISHIHARA SANGYO KAISHA Ltd., Japan

Approval holder:  
ISK Biosciences Europe N.V.  
Pegasus Park  
De Kleetlaan 12B  
B-1831 Diegem Belgium

Distributed by:  
Whelehan Crop Protection  
Suite 12 Bunkilla Plaza  
Bracetown Business Park  
Clonee  
Co Meath  
Ireland

Tech enquiries:  
00 353 1 4688900