

# Seguris®

L1022677 GBRI/08U PPE 4069388 0175/16

Product registration number: MAPP 15246

SEGURIS is a suspension concentrate containing 90 g/l (8.4%w/w) epoxiconazole and 125 g/l (11.7% w/w) isopyrazam.

Controls *Mycosphaerella graminicola*, *Septoria nodorum*, Brown rust, Yellow rust, Powdery mildew (moderate control), Microdochium leaf spot (moderate control), Tan spot (reduction) in winter wheat. Powdery mildew, *Ramularia collo-cyni*, Brown rust, Net blotch (moderate control) and *Rhynchosporium secalis* (reduction) in winter and spring barley. Brown rust, and *Rhynchosporium secalis* (moderate control) on rye. Brown rust, Powdery mildew and *Septoria* spp. on triticale.

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

**In case of toxic or transport emergency ring  
+44 (0)1484 538444 any time.**

SHAKE WELL BEFORE USE. PROTECT FROM FROST.

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This product label is compliant  
with the CPA Voluntary Initiative  
(VI) guidance.



## SAFETY PRECAUTIONS

### (a) 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 AND FACESHIELD when handling the concentrate.

WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS) AND SUITABLE PROTECTIVE GLOVES when handling contaminated surfaces.

WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS) during application.

However engineering controls may replace personal protective equipment if a COSHH assessment shows they provide an equal or higher standard of protection. WASH SPLASHES from skin immediately.

WASH HANDS AND EXPOSED SKIN before meals and after work.

### (b) Environmental Protection

To protect aquatic organisms, respect an unsprayed buffer zone distance to surface water bodies in line with LERAP requirements.



DO NOT ALLOW DIRECT SPRAY from horizontal boom sprayers to fall within 6 metres of the top of the bank of a static or flowing waterbody, or within 1 m of the top of a ditch which is dry at the

time of application. Aim spray away from water. THIS CROP IS NOT ELIGIBLE FOR BUFFER ZONE REDUCTION UNDER THE LERAP HORIZONTAL BOOM SPRAYERS SCHEME.

This product qualifies for inclusion within the Local Environmental Risk Assessment for Pesticides (LERAP) Scheme. The statutory buffer zone must be maintained and the distance recorded in the LERAP record form. The LERAP record form must be kept available for three years.

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.

### (c) Storage and disposal

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.

KEEP IN ORIGINAL CONTAINER, tightly closed, in a safe place.  
EMPTY CONTAINER COMPLETELY and dispose of safely.

# 5 litres

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**SEGURIS**

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90 g/l (8.4%w/w) epoxiconazole and  
125 g/l (11.7% w/w) isopyrazam.

**Signal Word**

Danger.

**Hazard**

May cause an allergic skin reaction.

**Statements**

Causes serious eye irritation.  
Harmful if inhaled.  
Suspected of causing cancer.  
May damage the unborn child.  
Suspected of damaging fertility.

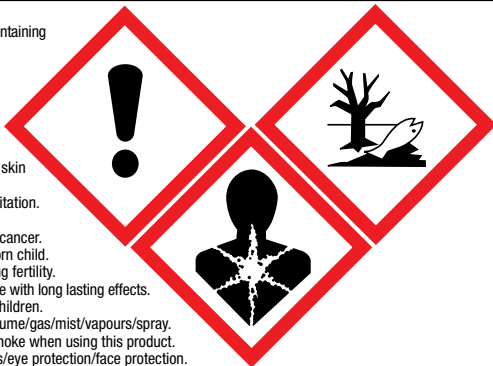
**Precautionary****Statements**

Very toxic to aquatic life with long lasting effects.  
Keep out of reach of children.  
Avoid breathing dust/fume/gas/mist/vapours/spray.  
Do not eat, drink or smoke when using this product.  
Wear protective gloves/eye protection/face protection.  
Use personal protective equipment as required.  
IF ON SKIN: Wash with plenty of soap and water.  
IF exposed or concerned. Get medical advice/attention.  
CALL A POISON CENTRE or doctor/physician if you feel unwell.  
Collect spillage.

**Supplemental****Information**

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.  
Contains 1,2-benzisothiazol-3-one. May produce an allergic reaction.

MAPP No. 15246

**IMPORTANT INFORMATION**

FOR USE ONLY AS AN AGRICULTURAL FUNGICIDE

Crop	Max. individual dose (litres/hectare/crop)	Max. no. of applications per crop	Latest time of application
Winter wheat, rye and triticale	1.0	2	Before grain watery ripe stage (GS 71).
Winter barley and spring barley	1.0	2	Before beginning of flowering: first anthers visible (GS 61).

The following Aquatic Buffer Zones must be observed:

Crops/situations	Aquatic buffer zone distance (metres)	Comment
Winter wheat, barley rye and triticale.	6	See Environmental Protection Phrase 1

**Other Specific Restrictions:**

- (1) When used on crops with a greater than 5m aquatic buffer zone this product must not be applied via hand-held equipment.
- (2) No more than two applications of products containing SDH inhibitors must be applied to any cereal crop.
- (3) A minimum of 21 days must be observed between applications.
- (4) The earliest time of application is GS 30.

**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.**

This leaflet is part of the approved Product Label.

## **DIRECTIONS FOR USE**

**IMPORTANT:** This information is approved as part of the Product Label. All instructions within this section must be carefully read in order to obtain safe and successful use of this product.

## **GENERAL INFORMATION**

Isopyrazam is an orthosubstituted pyrazole carboxamide fungicide belonging to the sub-class of the benzenorbornenes.

Isopyrazam is an SDH inhibitor (FRAC group #7 carboxamides). Isopyrazam is predominantly protectant but has significant biochemical potency and can deliver disease control away from the point of application.

No cross resistance to any compound of a different fungicide class is expected.

Epoxiconazole is a triazole (DMI) fungicide. Epoxiconazole is a systemic fungicide with protectant and curative properties.

SEGURIS shows good crop safety and disease control which can result in significant yield benefits. Wheat crops may show some transient bleaching after treatment but this is unlikely to have an effect on yield.

SEGURIS is best used as a protectant treatment or in the earliest stages of disease development.

## **DISEASES CONTROLLED**

### **Winter Wheat**

Leaf spot (*Mycosphaerella graminicola*)  
Glume blotch (*Septoria nodorum*)  
Yellow rust (*Puccinia striiformis*)  
Brown rust (*Puccinia recondita*)  
Powdery mildew (*Erysiphe graminis*) – Moderate  
*Microdochium* leaf spot - Moderate  
Tan spot (*Pyrenophora tritici-repentis*) - Reduction

### **Winter and Spring Barley**

Net blotch (*Pyrenophora teres*) - Moderate  
Brown rust (*Puccinia hordei*)  
*Ramularia collo-cygni*  
Leaf blotch (*Rhynchosporium secalis*) - Reduction  
Powdery mildew (*Erysiphe graminis*)

### **Winter Rye**

Brown rust (*Puccinia recondita*)  
Leaf blotch (*Rhynchosporium secalis*) – Reduction

### **Triticale**

Brown rust (*Puccinia recondita*)  
Leaf spot (*Septoria spp*)  
Powdery mildew (*Erysiphe graminis*)

## **RESISTANCE MANAGEMENT**

Use SEGURIS as part of an Integrated Crop Management (ICM) strategy incorporating other methods of control, including where appropriate other fungicides with a different mode of action. You must not apply more than two foliar applications of products containing SDH inhibitors to any cereal crop. Users should refer to current FRAC guidelines for SDHI compounds.

SEGURIS contains a DMI fungicide. Resistance to some DMI fungicides has been identified in Septoria leaf blotch (*Mycosphaerella graminicola*) which may seriously affect the performance of some products. For further advice on resistance management in DMIs contact your agronomist or specialist advisor, and visit the FRAC website.

Disease control may be reduced if strains of pathogens less sensitive to SEGURIS develop.

## **CROP SPECIFIC INFORMATION**

### **Crops and growing conditions**

SEGURIS can be used on all varieties of winter wheat and winter and spring barley, rye and triticale. Apply SEGURIS under good growing conditions with adequate soil moisture. Avoid poor growing conditions which may give less reliable results.

### **Timing**

Always inspect crops to assess disease development immediately before spraying. Best results will be achieved from applications made as a protectant treatment or in the earliest stages of disease development following a disease risk assessment or the use of appropriate decision support systems.

SEGURIS is accepted by BBPA (British Beer and Pubs Association) for use on malting barley provided application is made before the start of ear emergence. Latest timing in malting barley is therefore up to and including awn emergence.

### **Rates of use**

Apply SEGURIS at 1.0 litres per hectare.

## **FOLLOWING CROPS**

There are no restrictions on succeeding crops in a normal rotation.

## **MIXING AND SPRAYING**

### **Mixing Procedure**

Make sure the sprayer is set to give an even application at the correct volume. Fill the spray tank with half the required volume of water and begin agitation. Add the required amount of SEGURIS to the spray tank and allow to disperse before adding any other product. Add the rest of the water and continue to agitate the mixture thoroughly. Always agitate during spraying.

### **Spray Quality**

Apply SEGURIS using a conventional fan nozzle producing a medium spray quality. A spray pressure of 2-3 bars is recommended.

### **Spray Volume**

Apply SEGURIS in a recommended 100 - 400 litres of water per hectare through conventional crop spraying equipment. The higher spray volumes are recommended where the crop is dense or disease pressure/risk is high to ensure good penetration to the lower leaves and stem bases. Disease control may be compromised by reducing water volumes, where good spray coverage is difficult to achieve.

**After Spraying**

Thoroughly wash out sprayer according to manufacturer's guidelines and dispose of washing and clean containers according to local water authority guidelines.

**This product is to be used only in accordance with the recommendations and instructions given on the labels provided with this pack. Use in any other circumstances is entirely at user's risk.**