

# PROSTAR™

PROTECT FROM FROST

An emulsifiable concentrate (EC) fungicide containing 250 g/L prothioconazole for the control of certain diseases in wheat, barley, oats, durum wheat, winter rye, triticale and winter oilseed rape.

PROSTAR contains 2-[2-(1-chlorocyclopropyl)-2-hydroxy-3-phenylpropyl]-2,4-dihydro-3H-1,2,4-triazole-3-thione.  
May produce an allergic reaction.

**Causes serious eye irritation.**

**May cause respiratory irritation.**

**Very toxic to aquatic life with long lasting effects.**

Keep out of reach of children.

Wear protective gloves/protective clothing/eye protection/face protection.

IF ON SKIN: Wash with plenty of soap and water.

IF IN EYES: rinse cautiously with water for several minutes. Remove contact lenses,

if present and easy to do. Continue rinsing.

Repeated exposure may cause skin dryness or cracking.

IF exposed or concerned: Get medical advice/attention.

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.

Dispose of contents/container to a licensed hazardous-waste disposal contractor or collection site except for triple rinsed empty clean containers which can be disposed of as non-hazardous waste.

**To avoid risks to human health and the environment, comply with the instruction for use.**

**Professional use only**

WARNING



TM-IE-PROSTAR\_LBL\_26-02-20

PCS No. 06613

## IMPORTANT INFORMATION: FOR USE ONLY AS AN AGRICULTURAL FUNGICIDE

Crop	Maximum individual dose (L/ha)	Maximum total dose per crop (L/ha)	Latest time of application
Wheat, Durum wheat, Rye (winter), Triticale	0.8	2.4	Before grain milky ripe stage (GS71)
Barley, Oats	0.8	1.6	Before beginning of flowering (GS61)
Oilseed rape (winter)	0.7	1.4	56 days before harvest

**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.**

### 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) AND SUITABLE PROTECTIVE GLOVES AND FACE PROTECTION (FACESHIELD)** when handling the concentrate.

**WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS)** when applying the product.

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

**WHEN USING DO NOT EAT DRINK OR SMOKE.**

**WASH ANY CONTAMINATION** from eyes immediately.

**IF YOU FEEL UNWELL**, seek medical advice (show label where possible).

**WASH HANDS AND EXPOSED SKIN** before eating and drinking and after work.

#### Authorization Holder and Marketing Company:

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#### Environmental Protection

To protect aquatic organisms respect an unsprayed buffer zone of 5m to surface water bodies.

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.**

**KEEP IN ORIGINAL CONTAINER** tightly closed in a safe place.

**WASH OUT CONTAINER THOROUGHLY**, empty washings into spray tank and dispose of safely.

**DO NOT RE-USE CONTAINER** for any purpose.

**KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDINGSTUFFS.**



## 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.**

PROSTAR contains prothioconazole, a triazole fungicide, recommended for the control of certain diseases in cereals and winter oilseed rape.

### CROPS

PROSTAR can be used on all commercial varieties of winter and spring wheat, winter and spring barley, winter and spring oats, durum wheat, winter rye, triticale and winter oilseed rape.

### DISEASES CONTROLLED

**CEREALS** C = Control MC = Moderate control R = Reduction

Disease	Wheat	Barley	Oats	Rye	Triticale
Septoria Leaf Blotch ( <i>Mycosphaerella graminicola</i> )	MC			MC	MC
Glume Blotch ( <i>Stagonospora nodorum</i> )	MC			MC	
Yellow Rust	C	C			C
Brown Rust	MC	C		C	C
Crown Rust			C		
<i>Rhynchosporium</i> Leaf Blotch		C		C	C
Net Blotch		C			
Tan Spot	MC				
<i>Fusarium</i> Ear Blight	MC	MC			
Powdery Mildew ( <i>Blumeria graminis</i> )	C	C	C	C	C
Eyespot ( <i>Oculimacula</i> spp.)	R	R	R	R	R

Septoria Leaf Blotch (*Mycosphaerella graminicola*) and Glume Blotch (*Stagonospora nodorum*)

Apply PROSTAR before the disease establishes in the crop. For the protection of the upper leaves and ear apply the product between full flag leaf emergence (GS 37) and mid-flowering (GS 65). Treatment may be repeated where disease pressure remains high. Applications made to already established infections in the upper leaves are likely to be less effective.

Yellow Rust, Brown Rust and Crown Rust

Apply PROSTAR when disease is first detected in the crop. If re-infection occurs, a second application may be made 2-3 weeks later. In situations where infection is already established, applications are likely to be less effective.

### Leaf Blotch (*Rhynchosporium secalis*)

Apply PROSTAR when disease is first detected in spring. A second application may be necessary 2-3 weeks later in case of severe disease pressure.

### Net Blotch (*Pyrenophora teres*)

Apply PROSTAR in spring or early summer when disease is first detected. In case of severe infection and when conditions remain favourable for disease development, a second application 2-3 weeks will provide most effective control.

### Tan Spot (*Pyrenophora tritici-repentis*)

Apply PROSTAR in spring or early summer when disease is first detected. In case of high disease pressure, a second application may be necessary 2-3 weeks later.

### Ear Disease Complex (*Fusarium* ear blight and sooty moulds)

Apply PROSTAR between ear emergence and end of flowering (GS 59-69).

PROSTAR can effectively reduce the level of *Fusarium mycotoxin deoxynivalenol* (DON) in the grains of wheat.

The DON levels may not always fall below the statutory limit if the *Fusarium* levels are high.

### Powdery Mildew (*Blumeria graminis*)

Apply PROSTAR when disease is first detected. A second application may be necessary in case of high disease pressure.

### Eyespot (*Oculimacula* spp.)

Apply PROSTAR when disease is first detected from when the leaf sheaths begin to become erect until the second node is detectable (GS 30-32). PROSTAR reduces the severity and incidence of eyespot.

### **OILSEED RAPE** C = control MC = moderate control

Disease	Oilseed rape
Phoma Leaf Spot/Stem Canker	C
Light Leaf Spot	MC
<i>Sclerotinia</i> Stem Rot	C

### Phoma Leaf Spot/Stem Canker

Apply PROSTAR when disease is first detected in the crop in autumn. If re-infection occurs, repeat treatment in late autumn/winter.

### Light Leaf Spot

Apply PROSTAR protectively in autumn/winter; usually late October to early December. Depending on disease development, follow up treatments may be required in early spring from the onset of stem elongation.

### *Sclerotinia* Stem Rot (*Sclerotinia sclerotiorum*)

Apply PROSTAR between early and full flower.

## QUALIFIED MINOR USE RECOMMENDATION (spring oilseed rape)

PROSTAR may also be used on varieties of spring oilseed rape but crop safety has not been fully established.

## RESISTANCE

PROSTAR contains a DMI fungicide and repeated applications alone should not be made on the same crop. To protect the development of resistant forms of a disease, it is recommended to use tank-mixtures or alternation with fungicides having a different mode of action. The possible development of disease strains resistant to PROSTAR cannot be excluded or predicted. PROSTAR is unlikely to give satisfactory control, where such resistant strains occur. For further advice on resistance management in DMI's contact your agronomist, specialist advisor or visit the FRAC (Fungicide Resistance Action Committee) website.

Resistance to some DMI fungicides has been identified in Septoria Leaf Blotch (*Mycosphaerella graminicola*) which may seriously affect the performance of the product.

Strains of Light Leaf Spot resistant to triazole fungicides are known to exist. To avoid resistance development, apply the product protectively in response to disease forecasts. Where possible, avoid the use of triazole based fungicides when targeting diseases such as *Sclerotinia* at mid flowering, when Light Leaf Spot is present.

## RATES OF USE

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## APPLICATION METHOD

Spray equipment should be thoroughly cleaned before use.

Apply with tractor mounted/trailed sprayer in 100-300 litres of water per hectare. The higher volume is recommended on dense crops to ensure good coverage and penetration.

Apply as a MEDIUM quality spray.

A spray pressure of 2-3 bar is recommended.

## MIXING

Shake the can before use.

Add the required quantity to the half-filled tank and then complete filling. Continue agitation until the tank is empty.

Spray immediately after mixing.

Spray equipment should be thoroughly cleaned after use.

## **COMPATIBILITY**

PROSTAR may be applied as a tank-mix with a range of products. Ask your supplier or agronomist for compatibility on specific tank mixes.

## **TERMS AND CONDITIONS OF SUPPLY, SALE AND USE**

Many factors can affect or influence the activity of this product, including, but not limited to: weather and soil conditions, crop variety, treatment timing, water volume, application rates, spraying techniques, crop rotation, regional factors, and the occurrence and development of strains resistant to the active ingredient. Under certain circumstances, changes in activity or crop damage can occur. The manufacturer or supplier is unable to accept any liability in these circumstances. All goods supplied by us are of a high grade and we believe them to be suitable for the purpose for which we expressly supply them: but as we cannot exercise any control over their mixing, use or 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 for any damage or injury whatsoever arising from their storage, handling, application or use. These conditions cannot be varied by our staff, our agents or the re-sellers of the product whether or not they supervise or assist in the use of such goods.

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SPECIMEN  
2020 to date