

Protefin®



FORMULATION AND ACTIVE INGREDIENT: Emulsifiable Concentrate (EC) formulation containing 125 g/L prothioconazole and 125 g/L tebuconazole FOR USE ONLY AS AN AGRICULTURAL FUNGICIDE (Please see inside for DIRECTIONS FOR USE)

PROTEFIN is an agricultural fungicide for the control of a wide range of diseases in winter and spring wheat, winter rye, triticale, winter and spring barley, winter and spring oats and winter oilseed rape. Effective against the reduction of the mycotoxin deoxynivalenol in wheat.

FOR PROFESSIONAL USE ONLY

Risk and Safety Information

Contains prothioconazole, tebuconazole and N,N-Dimethyl decanamide. Contains 2-[2-(1-chlorocyclopropyl)-2-hydroxy-3-phenylpropyl]-2,4-dihydro-3H-1,2,4-triazole-3-thione.

May produce an allergic reaction.

WARNING

Causes skin irritation.

May cause an allergic skin reaction.

Suspected of damaging the unborn child.

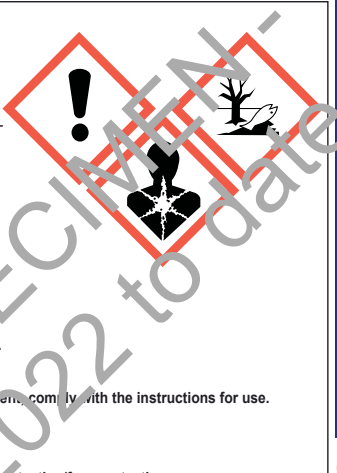
Very toxic to aquatic life with long lasting effects.

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

- Do not get in eyes, on skin, or on clothing.
- Wear protective gloves/protective clothing/eye protection/face protection.
- IF exposed or concerned: Call a POISON CENTER/doctor/physician.
- Dispose of contents/container to a licensed hazardous waste disposal contractor or collection site except for triple rinsed empty containers which can be disposed of as non-hazardous waste.
- Avoid release to the environment
- Collect spillage



Distributor: Clayton Plant Protection Ltd.,
Bracetown Business Park, Clonee, Dublin 15, D15 Y12T, Ireland.
Tel. +353 1 8210127 info@cpc.ag www.cpc.ag



prothioconazole, 125 g/L
tebuconazole, 125 g/L

Authorisation holder:

Finchimica S.p.A.

Via Lazio, 13, 25025 Manerbio (BS), Italy

(Registered Company number: IT00573160983)

Technical Enq. +39 (0) 2 3569961 (business hours)

In the event of an emergency call the National Poisons Information Centre, Beaumont Hospital, Dublin: - Members of the public: 01 809 2166 (8am to 10pm every day) - Health care professionals: 01 809 2566 or 01 837 9964 (24 hours)

www.finchimica.it
info@finchimica.it

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PROTECT FROM FROST



5 Litres e

Batch number: see packaging

SHAKE WELL BEFORE USE

PCS No. 06016

Operator protection

Wash any contamination from eyes immediately.

Wash hands and exposed skin before meals and after work.

Environmental protection

Do not contaminate water with this product or its container. (Do not clean application equipment near surface water/Avoid contamination via drains and farmyard roads).

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

Storage and disposal

PROTECT FROM FROST.

STORE IN A COOL DRY PLACE.

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS.

KEEP OUT OF REACH OF CHILDREN.

Do not re-use container for any other purpose and dispose of safely.

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.

DIRECTIONS FOR USE

PROTEFIN is a fungicide containing two active substances, from triazolothiazole and triazole chemical families, that can be used on most commercial varieties of cereals and on winter oilseed rape for the control of many fungal diseases.

See detail in the Table below.

RATE OF USE			
Crops	Maximum Individual Dose	Maximum Total Dose per crop	Latest time of application
Wheat <i>winter and spring</i>	1.0 litres product per hectare	2.0 litres product per hectare per season	End of Flowering (GS 69)
Rye <i>winter</i>	1.0 litres product per hectare	2.0 litres product per hectare per season	End of Flowering (GS 69)
Triticale	1.0 litres product per hectare	2.0 litres product per hectare per season	End of Flowering (GS 69)
Barley <i>winter and spring</i>	1.0 litres product per hectare	2.0 litres product per hectare per season	Before flowering (GS 61)
Oats <i>winter and spring</i>	1.0 litres product per hectare	2.0 litres product per hectare per season	Before flowering (GS 61)
Oilseed rape <i>winter</i>	1.0 litres product per hectare	2.0 litres product per hectare per season	Up to a pre-harvest interval of 56 days

BEFORE USE, READ CAREFULLY THE LABEL.

USING THIS PRODUCT IN A MANNER THAT IS INCONSISTENT WITH THE LABEL MAY BE AN OFFENCE.

CONTROLLED DISEASES

Disease	Wheat	Barley	Oats	Triticale	Rye
Eyespot (<i>Oculimacula spp</i>)	R	R	R	R	R
Septoria Leaf Blotch (<i>Mycosphaerella graminicola</i>)	MC	-	-	MC	MC
Glume Blotch (<i>Stagonospora nodorum</i>)	MC	-	-	-	MC
Powdery Mildew (<i>Blumeria graminis</i>)	MC	C	C	C	C
Yellow Rust	C	C	-	C	-
Brown Rust	C	C	-	C	C
Crown Rust	-	-	C	-	-
Fusarium Ear blight	R	MC	-	-	-
Rhynchosporium Leaf Blotch	-	MC	-	-	C
Net Blotch	-	C	-	-	-
Disease			Oil seed rape		
Phoma leaf spot/stem canker			C		
<i>Sclerotinia</i> stem rot			C		
Light leaf spot			MC		

C = Full Control MC = Moderate Control R = Reduction

Eyespot (*Oculimacula spp.*)

Spray at the first sign of disease, from when the leaf sheaths begin to become erect until the 2nd node is visible (GS 30-32).

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

Apply before disease is established in the crop. Apply at full flag leaf emergence (GS 37) up to mid-flowering (GS 65). Where disease pressure remains high application may be repeated.

Powdery Mildew (*Blumeria graminis*)

Apply at the first signs of disease. Where disease pressure remains high application may be repeated.

Rust

Apply at the first signs of disease. Where disease pressure remains high application may be repeated 2-3 weeks later

Tan Spot (*Pyrenophora tritici-repensis*)

Apply at the first signs of disease in spring or early summer. Where disease pressure remains high application may be repeated.

Ear Disease Complex

Apply soon after ear emergence until the end of flowering (GS59-69).

Through the control of ear blight, PROTEFIN can reduce the level of DON (Fusarium mycotoxin deoxynivalenol).

Leaf Blotch (*Rhynchosporium secalis*)

Apply in spring, at the first visible disease' signs. For severe infections a second application may be necessary (2-3 weeks later).

Net Blotch (*Pyrenophora teres*)

Apply in spring/early summer at the first signs of disease. For severe infections a second application may be necessary (2-3 weeks later).

Light Leaf Spot

Apply in autumn/winter protectively.

Phoma Leaf spot/Stem Canker

Apply at the first sign of disease. Repeat application in late autumn/winter, whereas disease symptoms reoccur.

Sclerotinia stem rot (*Sclerotinia sclerotiorum*)

Apply at early to full flower.

DISEASE RESISTANCE

Do not use PROTEFIN alone on the same crop for repeated applications against a high risk pathogen (i.e. cereal powdery mildew). The alternation (or the tank-mixture) with fungicides having a different mode of action has been shown to protect against the development of resistant forms of disease. For detailed information, please refer to the FRAC website.

MIXING AND APPLICATION

MIXING

Half fill the spray tank and add the required quantity of PROTEFIN. Start the agitation and fill to the required level. Continue agitation and spray immediately after mixing. Do not stop agitation until spraying is completed.

APPLICATION

Method: Tractor mounted/trailed sprayer.

Use 200-300 l/ha water per hectare. Apply as a Medium spray (as provided in BCPC), employing the higher volume in dense crops.

Finchimica S.p.A., as the seller, shall be under no liability (except for liability for death or personal injury resulting from the negligence of the seller) whether in contract or in tort for or in respect of any loss or damage resulting from an arising out of the mixing or sequential use, of the goods with any other goods (whether the Seller or any third-party) otherwise than in accordance with the Seller's Recommendations for Use, or resulting from or arising out of the use of the goods in or before abnormal weather conditions or in unusual soil conditions notwithstanding that such conditions may be known or may have been known to the Seller or on plant varieties not known to the Seller to be abnormally susceptible to damage by the goods.

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