

BASF

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Decoy 250EC

For use only as an agricultural fungicide for the control of stem-base, foliar and ear disease in winter and spring wheat (also reduction of the mycotoxin deoxynivalenol), durum wheat, triticale, winter rye, winter and spring barley, winter and spring oats

An emulsifiable concentrate containing 250 g/l (25% w/w) prothioconazole and N,N, Dimethyl decanamide.

Risk and Safety Information

Warning

**Causes serious eye irritation.
May cause respiratory irritation.
Very toxic to aquatic life with long lasting effects.**

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

IF exposed or concerned: Call a POISON CENTRE or 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.

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

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

PCS No. : 06221



Marketing company:

BASF Ireland Limited, 4th and 5th Floors, 2 Stockport Exchange, Railway Road, Stockport SK1 3GG, UK, Telephone: 00 44 (0)161 475 3000

Emergency Information (24 hours freephone): 0049 180 227 3112

Technical Enquiries: 0044 (0)845 602 2553 (office hours)

Authorisation holder:

Bayer CropScience Ltd, 230 Cambridge Science Park, Milton Road, Cambridge, CB4 0WB, United Kingdom, Freephone: 1800 818534

For 24 hour emergency information contact Bayer CropScience Ltd, Telephone: 00800 1020 3333

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PRECAUTIONS

Operator Protection

If swallowed, seek medical advice immediately and show this container or label.

In case of accident or if you feel unwell seek medical advice immediately (show label where possible).

Environmental Protection

Do not contaminate ponds, waterways or ditches with chemical or used 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

STORAGE

DO NOT RE-USE CONTAINER for any other purpose.

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS.

KEEP OUT OF REACH OF CHILDREN.

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.

Triple rinsed containers should be punctured to prevent re-use and may be disposed of by an authorised contractor.

PROTECT FROM FROST

Keep dry and cool in a suitable pesticide store.

READ ALL INSTRUCTIONS CAREFULLY BEFORE USE.

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.

Decoy 250EC is a triazolinthione fungicide recommended for control of a wide range of diseases on winter and spring barley, winter and spring wheat, durum wheat, triticale, winter rye, winter and spring oats.

Disease control

CEREALS

	Wheat	Barley	Oats	Rye	Triticale
Eyespot (<i>Oculimacula</i> spp.)	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>)	C	C	C	C	C
Yellow Rust	C	C			C
Brown Rust	MC	C	-	C	C
Crown Rust	-	-	C	-	-
Tan Spot	MC		-	-	-
Fusarium Ear blight	MC	MC	-	-	-
Rhynchosporium Leaf Blotch	-	C	-	C	C
Net Blotch	-	C	-	-	-

C = control

MC = Moderate control

R = reduction

Eyespot (*Oculimacula* spp.)

Decoy 250EC reduces the incidence and severity of Eyespot. Spray in the spring at the first sign of disease, from when the leaf sheaths begin to become erect until the 2nd node is detectable (GS 30-32).

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

Apply before disease is established in the crop. To protect the upper leaves and ear apply Decoy 250EC at full flag leaf emergence (GS 37) up to mid-flowering (GS 65). Where disease pressure remains high application may be repeated. Control levels may be enhanced by using robust rates of application.

Applications to upper leaves where *S. tritici* symptoms are present are likely to be less effective.

Powdery Mildew (*Blumeria graminis*)

Apply Decoy 250EC at the first signs of disease. Where disease pressure remains high application may be repeated.

Yellow Rust (*Puccinia striiformis*)

Apply Decoy 250EC at the first signs of disease. A second application may be made 2 – 3 weeks later if re-infection occurs. Applications made to established infections are likely to be less effective.

Brown Rust

Apply Decoy 250EC at the first signs of disease. A second application may be made 2 – 3 weeks later if re-infection occurs. Applications made to established infections are likely to be less effective.

Crown Rust (*Puccinia coronata*)

Apply Decoy 250EC at the first signs of disease. A second application may be made 2 – 3 weeks later if re-infection occurs. Applications made to established infections are likely to be less effective.

Tan Spot (*Pyrenophora tritici-repensis*)

Apply Decoy 250EC at the first signs of disease in spring or early summer. Where disease pressure remains high application may be repeated.

Ear Disease Complex (*Fusarium* Ear Blight and Sooty Moulds)

Apply Decoy 250EC soon after ear emergence until the end of flowering (GS59-69). Control of ear diseases can result in cleaner, brighter ears.

Through the reduction of ear blight, Decoy 250EC effectively reduces the level of the *Fusarium* mycotoxin deoxynivalenol (DON) in wheat grain. However, where *Fusarium* levels are high, the reduction achieved may not always be sufficient to ensure that DON levels fall below the statutory limit.

Leaf Blotch (*Rhynchosporium secalis*)

Apply Decoy 250EC in spring at the first signs of disease. For severe infections a second application may be necessary 2-3 weeks later.

Net Blotch (*Pyrenophora teres*)

Apply Decoy 250EC at the first signs of disease in spring/early summer. For severe infections, a second application 2 – 3 weeks later will give most effective control when conditions remain favorable for disease development.

Resistance Management

GROUP

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FUNGICIDE

Repeated application of Decoy 250EC alone should not be used on the same crop against a high risk pathogen such as cereal powdery mildew. Tank mixtures or alternation with fungicides having a different mode of action (e.g. morpholines) have been shown to protect against the development of resistant forms of disease.

Take all precautionary measures to reduce the selection pressure for insensitive *Septoria tritici* strains (e.g. tankmix with product having a different mode of action which is active against *Septoria*). Consult your adviser for up to date guidance regarding current resistance status and a strategy for preventing and managing resistance in the cereal pathogens listed on the label.

The Fungicide Resistance Action Committee (FRAC) produces recommendations that may be consulted for additional information.

CAUTION: The possible development of disease strains resistant to Decoy 250EC cannot be excluded or predicted. Where such resistant strains occur, Decoy 250EC is unlikely to give satisfactory control.

Crop Specific Information

Crops

Decoy 250EC may be used on all commercial varieties of winter and spring barley, winter and spring wheat, durum wheat, triticale, winter rye, winter and spring oats.

RATE OF USE

Crop	Maximum individual dose:	Maximum total dose per season	Latest time of application
Winter and spring wheat, durum wheat winter rye, Triticale	0.8 litres product per hectare	2.4 litres product per hectare per season	Before grain milky ripe stage, (GS 71)

Winter and spring barley, winter and spring oats	0.8 litres product per hectare	1.6 litres product per hectare per season	Before beginning of flowering, (GS 61)
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Method of application: Tractor mounted/trailed sprayer

A spray pressure of 2-3 bar is recommended. Apply Decoy 250EC in 100-300 litres per hectare water.

Apply as a medium spray quality.

Apply Decoy 250EC in 100 to 300 litres of water per hectare. 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.

Mixing and Application

Mixing

Thoroughly shake the pack before use.

Add the required quantity of Decoy 250EC to the half-filled spray tank with the agitation system in operation and then fill to the required level. Continue agitation at all times during spraying and stoppages until the tank is completely empty. Spray immediately after mixing.

General

Sprayers should be thoroughly cleaned before use, and filters and jets checked for damage and blockages.

Boom height should be adjusted to ensure even coverage of the crop, particularly at later growth stages. The correct height is one at which the spray from alternate nozzles meets just above the crop, in dense crops, at later growth stages, higher water volumes should be used.

Spray equipment should be thoroughly cleaned with detergent after use.

Trade Mark Acknowledgments

Decoy® is a registered trademark of Bayer.

The following does not form part of the product label under S.I. No. 159 of 2012

With many products there is a general risk of resistance developing to the active ingredients. For this reason a change in activity cannot be ruled out. It is generally impossible to predict with certainty how resistance may develop because there are so many crop and use connected ways of influencing this. We therefore have to exclude

liability for damage or loss attributable to any such resistance that may develop. To help minimise any loss in activity the BASF recommended rate should in all events be adhered to.

Numerous, particularly regional or regionally attributable, factors can influence the activity of the product. Examples include weather and soil conditions, crop plant varieties, crop rotation, treatment times, application amounts, admixture with other products, appearance of organisms resistant to active ingredients and spraying techniques. Under particular conditions a change in activity or damage to plants cannot be ruled out. The manufacturer or supplier is therefore unable to accept any liability in such circumstances. All goods supplied by us are of high grade and we believe them to be suitable, but as we cannot exercise control over their mixing or use or the weather conditions during and after application, which may affect the performance of the material, 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; but nothing should be deemed to exclude or restrict any liability upon us which cannot be excluded or restricted under the provisions of any applicable law.

Additional Product Safety Information

This section does not form part of the product label under S.I. No. 159 of 2012.

The information on this label is based on the best available information including data from test results.

Safety Data Sheet

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



agricentre.basf.ie/Decoy-250-EC-IE/MSDS

Alternatively, contact your supplier.

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