



# Trinity<sup>®</sup> 250

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 and for disease control in winter oilseed rape.

- Winter oats
- Spring oats
- Winter oilseed rape
- Winter wheat
- Spring wheat
- Durum wheat
- Triticale
- Winter rye
- Winter barley
- Spring barley

**FOR USE ONLY AS AN AGRICULTURAL FUNGICIDE.**

**This product is for professional use only.**  
**Safety data sheet available for professional user on request.**  
**In case of emergency contact the Poisons Information Centre**  
**Tel: 00 353 (0) 1 8092566 or 00 353 (0) 1 8379964**

**Safety Information**

Contains 250 g/L (25% w/w) prothioconazole and N,N,-Dimethyl decanamide.

**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 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: Call a POISON CENTER/doctor/physician.

Dispose of contents/container to a licensed hazardous waste disposal contractor or collection

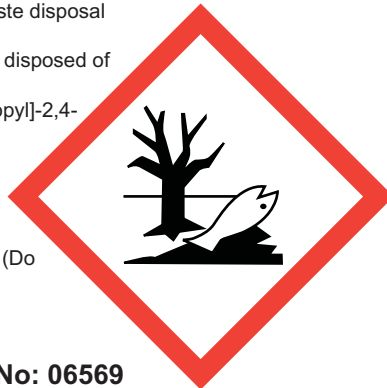
site except for triple rinsed empty containers which can be disposed of as non-hazardous waste.

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.**

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).



PCS No: 06569

*An emulsifiable concentrate formulation containing 250 g/L (25% w/w) prothioconazole.*

*Manufacturer*

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*Approval Holder:*

**Barclay Chemicals (R&D) Ltd.**  
Contact details as above.  
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**PROTECT FROM FROST**

**SHAKE THOROUGHLY BEFORE USE**

**5 Litres e**

## SAFETY 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 5 m to surface water bodies.

### Storage and Disposal

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

Keep away from food, drink and animal feedingstuffs.

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

STORE IN A COOL DRY PLACE

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.

Trinity 250 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 and for disease control in winter oilseed rape.

## DISEASES CONTROLLED 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>Stagnospora 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	-	-	-	-
<i>Fusarium</i> ear blight	MC	MC	-	-	-
<i>Rhynchosporium</i> leaf blotch	-	C	-	C	C
Net blotch	-	C	-	-	-
C = control      MC = moderate control      R = reduction					

### Eyespot (*Oculimacula* spp.)

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

**Yellow Rust (*Puccinia striiformis*)**

Apply Trinity 250 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 Trinity 250 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 Trinity 250 at the first sign 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 Trinity 250 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 Trinity 250 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, Trinity 250 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 Trinity 250 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 Trinity 250 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 favourable for disease development.

**WINTER OILSEED RAPE**

	<b>Oilseed rape</b>
Light leaf spot	MC
<i>Phoma</i> leaf spot/stem canker	C
<i>Sclerotinia</i> stem rot	C
C = control	MC = moderate control

Trinity 250 can also be used on all varieties of spring oilseed rape but crop safety has not been fully established.

**Light Leaf Spot**

Apply Trinity 250 in autumn/winter (usually late October to early December) protectively. Follow up spray(s) may be required in early spring from the onset of stem elongation, depending on disease development.

***Phoma* Leaf spot/Stem Canker**

Apply Trinity 250 in autumn at the first sign of disease. Repeat application in late autumn/winter, if disease symptoms reoccur.

***Sclerotinia* stem rot (*Sclerotinia sclerotiorum*)**

Apply Trinity 250 at early to full flower.

## RESISTANCE STRATEGY

Repeated application of Trinity 250 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. tank-mix with product having a different mode of action which is active against *Septoria*). Consult your advisor for up to date guidance regarding current resistance status and a strategy for preventing and managing resistance in the cereal and oilseed rape pathogens listed on the label.

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

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

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

## CROPS

Trinity 250 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 and winter oilseed rape.

## RATE OF USE

Crop	Maximum individual dose	Maximum total dose per season	Latest time of application
Winter and spring wheat, durum wheat, winter rye and 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)
Winter oilseed rape	0.7 litres product per hectare	1.4 litres product per hectare per season	Up to a pre-harvest interval of 56 days

Method of application: Tractor mounted/trailed sprayer

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

Apply as a medium spray quality.

Apply Trinity 250 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

Thoroughly shake the pack before use.

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.

Add the required quantity of Trinity 250 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.