

Epic®



MAPP 16798

A suspension concentrate containing 125 g/litre (12 % w/w) epoxiconazole.

A systemic fungicide for use in winter wheat, spring wheat, durum wheat, winter barley, spring barley, triticale, rye and oats.

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

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 when handling the concentrate or contaminated surfaces

However, engineering controls may replace personal protective equipment if a COSHH assessment shows they provide an equal or higher standard of protection.

WHEN USING DO NOT EAT, DRINK OR SMOKE.

WASH HANDS AND EXPOSED SKIN before meals and after work.

Environmental protection

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.

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

DO NOT ALLOW DIRECT SPRAY from horizontal boom sprayers to fall within 5m of the top of the bank of a static or flowing waterbody, unless a Local Environment Risk Assessment for Pesticides (LERAP) permits a narrower buffer zone, or within 1m of the top of a ditch which is dry at the time of application. Aim spray away from water.

This product qualifies for inclusion within the Local Environment Risk Assessment for Pesticides (LERAP) scheme.

Before each spraying operation from a horizontal boom sprayer, either a LERAP must be carried out in accordance with CRD's published guidance or the statutory buffer zone must be maintained. The results of the LERAP must be recorded and kept available for inspection for three years.

Storage and disposal

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.

Store in a suitable pesticide store. Keep dry and protect from frost.



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This label is compliant with the CPA Voluntary Initiative Guidance



The Voluntary Initiative

Supplied by:

BASF plc

Crop Protection

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Technical Enquiries:

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BASF

We create chemistry

81105318GB1026



® = registered trademark of BASF



Epic®

A suspension concentrate containing
125 g/litre (12 % w/w) epoxiconazole.

DANGER:
CAUSES SKIN IRRITATION.
HARMFUL IF INHALED.
SUSPECTED OF CAUSING CANCER.
MAY DAMAGE THE UNBORN CHILD.
SUSPECTED OF DAMAGING FERTILITY.
**VERY TOXIC TO AQUATIC LIFE WITH LONG
LASTING EFFECTS.**



WEAR PROTECTIVE GLOVES/CLOTHING.
USE ONLY OUTDOORS OR IN A WELL-VENTILATED AREA.
DO NOT BREATHE THE MIST OR VAPOUR.
CALL A POISON CENTRE OR DOCTOR/PHYSICIAN IF YOU FEEL UNWELL.
STORE LOCKED UP.
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.

This product is approved under the Plant Protection Products Regulations 2005.

IMPORTANT INFORMATION

FOR USE ONLY AS AN AGRICULTURAL FUNGICIDE, as directed below:

| Crops | Maximum individual dose | Maximum total dose | Latest time of application |
|---|----------------------------------|---|---|
| Winter and spring wheat, Rye, Triticale Durum wheat | 1.0 litre product per hectare | 2 litres product per hectare per crop | Up to and including flowering (anthesis) just complete (GS 69) |
| Winter and spring barley, Oats | 1.0 litre product per hectare | 2 litres product per hectare per crop | Up to and including emergence of ear just complete (GS 59) |

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.





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.

Epic is a systemic fungicide for use in winter wheat, spring wheat, durum wheat, winter barley, spring barley, triticale, rye and oats.

1. Restrictions/Warnings

This product may cause damage to broad-leaved plant species.

Avoid spray drift on to neighbouring crops.

Consult processor before use.

When applied to barley intended for malting, refer to the latest timing restrictions for epoxiconazole given by the British Beer and Pub Association.

Wash equipment thoroughly after use.

2. Disease Control

Epic is a systemic fungicide with protectant and curative properties for the control of a range of diseases in winter wheat, spring wheat, durum wheat, winter barley, spring barley, triticale, rye and oats as summarised below:

| | Winter wheat | Spring wheat | Winter barley | Spring barley | Durum wheat | Oats | Rye | Triticale |
|---|--------------|--------------|---------------|---------------|-------------|------|-----|-----------|
| Powdery mildew | - | - | C | C | - | C | C | - |
| <i>Septoria tritici</i> | C | C | - | - | C | - | - | C |
| <i>Septoria nodorum</i> | C | C | - | - | C | - | - | C |
| Yellow rust | C | C | C | C | C | - | C | C |
| Brown rust | C | C | C | C | C | - | C | C |
| Net blotch | - | - | MC | MC | - | - | - | - |
| <i>Rhynchosporium</i> | - | - | C | C | - | - | C | - |
| <i>Tan spot</i> | MC | MC | - | - | MC | - | - | - |
| <i>Ramularia</i> | - | - | R | R | - | - | - | - |
| <i>Crown rust</i> | - | - | - | - | - | C | - | - |
| <i>Fusarium ear blight</i> # | GR | GR | - | - | GR | - | - | - |
| <i>Sooty moulds</i> (<i>Cladosporium</i> , <i>Botrytis</i>) | R | R | - | - | R | - | - | - |

Application of Epic to ears of wheat can lead to reduction of the levels of the mycotoxin deoxynivalenol (DON) associated with *Fusarium* ear blight infection, but this level of effect may not necessarily lead to reduction of DON below the statutory limit in wheat grain.

C = Control

MC = Moderate Control

R = Reduction

GR = Good Reduction





Resistance

Strains of certain cereal diseases with decreased sensitivity to triazole fungicides are known to exist in the UK. Where these occur or develop Epic may not give satisfactory control.

Epic 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 FRAG-UK website.

3. Crops

Epic is a systemic fungicide for use in winter wheat, spring wheat, durum wheat, winter barley, spring barley, triticale, rye and oats.

Time of Application

Apply Epic at the start of foliar disease attack. A maximum of two applications can be made up to and including flowering just complete in winter and spring wheat, durum wheat, rye and triticale and up to and including emergence of ear just complete in winter and spring barley and oats.

For protection against *Fusarium* ear blight and sooty mould on the ears of winter and spring wheat, and durum wheat apply Epic during ear emergence.

For a quicker clean-up of any mildew established at the time of application, apply Epic in a tank mix with Corbel at the dose given below.

Rate of Application

Epic should normally be applied in a minimum of 200 litres of water per hectare. If required, water volumes down to 100 litres per hectare may be used but evidence of efficacy at water volumes below 200 l/ha is limited.

When using a tank mix with Corbel apply 0.5 litre with 1 litre Epic per hectare in 200 litres of water per hectare.

4. Following crops

After treating a cereal crop with Epic, oilseed rape, cereals, sugar beet, maize, clover, dwarf French beans, field beans, peas, carrots, potatoes, lettuce, cabbage, sunflower, ryegrass and onions may be sown as the following crops. The effect of Epic on other crops has not been assessed.

5. Mixing and Spraying

Apply as a MEDIUM spray, as defined by BCPC.

Half fill the spray tank with clean water and start the agitation. SHAKE THE CONTAINER WELL before use and pour in the required amount of product. Rinse any empty containers thoroughly and add rinsings to the spray tank. Add the remainder of the water and continue agitation until spraying is completed.

When tank mixes are to be used, each product should be added separately to the spray tank, taking due note of any instructions given as to the order of mixing.

6. Compatibility

For details of compatibilities contact your distributor, local BASF representative or the BASF Technical Services Hotline: 0044 845 602 2553.





The following does not form part of the product label under the Plant Protection Products Regulations 2005.

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 the Unfair Contract Terms Act 1977 or any similar applicable law.





**Section 6 of the Health and Safety at Work Act
Additional Product Safety Information**

The product label provides information on a specific pesticidal use of the product; do not use otherwise, unless you have assessed any potential hazard involved, the safety measures required and that the particular use has “off-label” approval or is otherwise permitted under the Plant Protection Products Regulations 2005.

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.



http://www.agricentre.basf.co.uk/go/epic_sds

Alternatively, contact your supplier.

