

# Rylox®



## MAPP 19229

An emulsifiable concentrate containing 100 g/litre (9.8% w/w) mefenfluconazole and 95 g/litre (9.3% w/w) pyraclostrobin. A systemic fungicide for use in winter wheat, spring wheat, durum wheat, spelt 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), SUITABLE PROTECTIVE GLOVES AND FACE PROTECTION (FACESHIELD) when handling the concentrate.

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

WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS) during application.

However, engineering controls may replace personal protective equipment if a COSHH assessment shows that 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.

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

#### 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 6 metres of the top of the bank of a static or

flowing water body, or within 1 meter of the top of a ditch which is dry at the time of application.

Aim spray away from water.

THIS PRODUCT IS NOT ELIGIBLE FOR BUFFER ZONE REDUCTION UNDER THE LERAP HORIZONTAL BOOM SPRAYERS SCHEME

This product qualifies for inclusion within the Local Environmental Risk Assessment for Pesticides (LERAP) scheme. The statutory buffer zone must be maintained, and the distance recorded in the LERAP record form.

The LERAP record form must be kept available for three years.

#### Storage and disposal

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS.

KEEP OUT OF REACH OF CHILDREN.

KEEP IN ORIGINAL CONTAINER, tightly closed, in a safe place, away from sources of heat.

DO NOT RE-USE CONTAINER for any other purpose.

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 container safely.

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

This label is compliant with the CPA Voluntary Initiative Guidance

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Supplied by: BASF plc, 4th and 5th Floors, 2 Stockport Exchange, Railway Road, Stockport SK1 3GG, Telephone: 0161 475 3000

Emergency Information (24 hours freephone): 0049 180 227 3112  
Technical Enquiries: 0845 602 2553 (office hours)

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An emulsifiable concentrate containing 100 g/litre (9.8% w/w) mefentrifluconazole and 95 g/litre (9.3% w/w) pyraclostrobin.

## Danger

**Harmful if swallowed.**

**Causes skin irritation.**

**May cause an allergic skin reaction.**

**Causes serious eye damage.**

**Harmful if inhaled.**

**May cause respiratory irritation.**

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

Use only outdoors or in a well-ventilated area.

Wear protective gloves and eye/face protection.

**IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

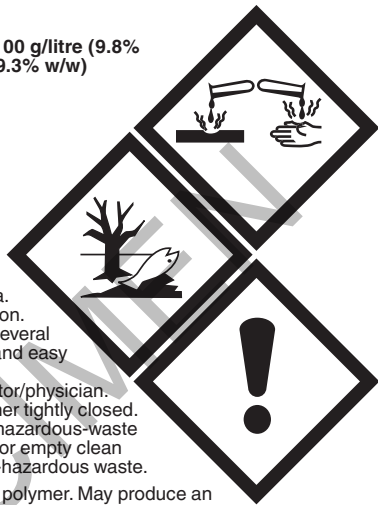
Immediately call a POISON CENTRE or doctor/physician.

Store in a well-ventilated place. Keep container tightly closed.

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.

Contains a solution of a methacrylate-based polymer. May produce an allergic reaction.

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



## IMPORTANT INFORMATION

**FOR USE ONLY AS A PROFESSIONAL FUNGICIDE, as directed below:**

Crops	Maximum individual dose	Maximum number of applications	Latest time of application	Aquatic buffer zone
Winter wheat, spring wheat, durum wheat, spelt wheat, winter barley, spring barley, triticale, rye and oats	1.5 litres product/ha	2 per crop	Up to and including flowering anthesis just complete (GS 69)	6 m

**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.

RYLOX is a systemic fungicide with protectant and curative properties for disease control in winter wheat, spring wheat, durum wheat, spelt wheat, winter barley, spring barley, triticale, rye and oats.

## Restrictions/Warnings

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

No more than two applications of any QoI fungicide may be made to crops of wheat, barley, oats, rye or triticale.

After spraying, wash out sprayer thoroughly according to manufacturer's guideline and dispose of washings and clean containers according to DEFRA Code of Practice and local authority guidelines.

## Disease control

RYLOX is a systemic fungicide with protectant and curative properties for disease control in winter wheat, spring wheat, durum wheat, spelt wheat, winter barley, spring barley, triticale, rye and oats as summarised below:

	Winter Wheat	Spring Wheat	Durum Wheat	Spelt Wheat	Winter Barley	Spring Barley	Rye	Triticale	Oats
<i>Zymoseptoria tritici</i>	C	C	C	C	-	-	C	C	
Yellow rust	C	C	C	C	C	C	C	C	
Brown rust	C	C	C	C	C	C	C	C	
Tan spot	R	R	R	R			C		
Powdery mildew	MC	MC	MC	MC	C		C	MC	C
Net blotch					C	C			
Rhynchosporium					MC	MC	MC		
Ramularia					C	C			
Crown rust									C

C = Control

MC = Moderate control

R = Reduction

## Resistance Management

GROUP

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FUNGICIDES

RYLOX should be used in accordance with the instructions for use for the target diseases at the specific growth stages indicated.

Use RYLOX as part of an Integrated Crop Management (ICM) strategy incorporating other methods of control, including where appropriate other fungicides with a different mode of action.

RYLOX should be used preventatively and should not be relied upon for its curative potential.

You must not apply more than two foliar applications of QoI containing products to any cereal crop.

There is a significant risk of widespread resistance occurring in *Zymoseptoria tritici* populations in the UK. Failure to follow resistance management action may result in reduced levels of disease control.

RYLOX contains mefentrifluconazole, a DMI fungicide. Resistance to some DMI fungicides has been identified in Septoria leaf blotch (*Zymoseptoria tritici*) 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.

To minimise the risk of resistance developing against *Zymoseptoria tritici*, RYLOX should be used in mixture with products from a different fungicide group to the triazoles or QoI at a dose that will give a robust control

There is a significant risk of widespread resistance occurring in *Ramularia collo-cyni* populations to a number of different modes of action. Repeated use of products containing the same mode of action are unlikely to provide effective control of this disease. For further information on the resistance status of Ramularia contact your agronomist or specialist advisor and visit the FRAG-UK website the best way of managing this disease.

## Crop Specific Information

RYLOX is a systemic fungicide with protectant properties for disease control in winter wheat, spring wheat, durum wheat, spelt wheat, winter barley, spring barley, rye, triticale and oats.

### **Time of Application**

For best results apply RYLOX as a protectant treatment or at first sign of foliar disease attack. A maximum of two applications can be made up to and including flowering anthesis just complete GS 69) in wheat, barley, rye, triticale and oats.

## **Rate of Application**

Apply 1.5 litres RYLOX in a minimum of 100 litres of water per hectare.

## **Mixing and Application**

### **Mixing**

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.

All tank mixes should be used immediately after mixing.

### **Application**

Apply as a MEDIUM spray, as defined by BCPC.

### **Compatibility**

For details of compatibilities contact your distributor, local BASF representative, the BASF Technical Services Hotline: 0845 602 2553 or visit our website on: [www.agriCentre.basf.co.uk](http://www.agriCentre.basf.co.uk):

## **COMPANY ADVISORY INFORMATION**

This section is not part of the Product Label under Regulation (EC) No 1107/2009 and provides additional advice on product use.

This section is not part of the product label under the Plant Protection Products Regulations (1995). It provides additional advice on product use at the discretion of the applicant

RYLOX is highly effective against Septoria and is specifically formulated to be used in high rust risk situations.

### **The following does not form part of the authorised label text.**

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 Product Regulations (EC) No 1107/2009.

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.co.uk/Rylox/MSDS](http://agricentre.basf.co.uk/Rylox/MSDS)

Alternatively, contact your supplier.

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