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BASF
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Opera[®]



MAPP 16420

A suspo-emulsion containing 133 g/litre (12.5% w/w) pyraclostrobin plus 50 g/litre (4.7% w/w) epoxiconazole.

A protectant and systemic fungicide for use in winter wheat, winter barley, spring wheat, spring barley, winter oats, spring oats, durum wheat, rye, triticale, sugar beet and maize (forage and grain) with curative properties in cereals (except maize).

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 handling contaminated surfaces.

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

AVOID ALL CONTACT WITH SKIN.

WASH HANDS AND EXPOSED SKIN before meals and after work.

WHEN USING DO NOT EAT, DRINK OR SMOKE.

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 distance to surface water bodies in line with LERAP requirements.

DO NOT ALLOW DIRECT SPRAY from horizontal boom sprayers to fall within 5 metres of the top of the bank of a static or flowing water body, unless a Local Environmental

Risk Assessment for Pesticides (LERAP) permits a narrower buffer zone, or within 1 metre from 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 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, **RINSE CONTAINER THOROUGHLY** by using an integrated pressure rinsing device or manually rinsing three times.

DO NOT RE-USE CONTAINER for any other purpose.

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

Add washings to sprayer at time of filling and dispose of container safely.

This label is compliant with the CPA Voluntary Initiative Guidance



The
Voluntary
Initiative

® = Registered trademark of BASF

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Supplied by: BASF plc, Agricultural Solutions
PO Box 4, Earl Road, Cheadle Hulme, CHEADLE,
Cheshire SK8 6QG, Tel: 0161 485 6222

Emergency Information: (24 hours freephone): 0049 180 2273112,
Technical Enquiries: 0845 602 2553 (office hours)

Opera®

A suspo-emulsion containing
133 g/litre (12.5% w/w) pyraclostrobin plus
50 g/litre (4.7% w/w) epoxiconazole.

Danger

Harmful if swallowed.

Causes skin irritation.

May cause an allergic skin reaction.

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/eye protection.

Obtain special instructions before use.

Use only outdoors or in a well-ventilated area.

IF exposed or concerned: Call a POISON CENTRE or
doctor/physician.

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.**



IMPORTANT INFORMATION

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

Crops	Maximum individual dose	Maximum number of treatments	Latest time of application
Winter and spring wheat, durum wheat, rye, triticale	1.5 litres product per hectare	2 per crop	Before grain watery ripe (GS 71)
Winter and spring barley, oats	1.5 litres product per hectare	2 per crop	Up to and including emergence of ear just complete (GS 59)
Sugar beet	1.0 litre product per hectare	2 per crop	4 weeks before harvest
Maize (Forage and Grain)	1.5 litres product per hectare	1 per crop	Mid flowering (BBCH 65)

**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.

Opera is a fungicide with protectant and systemic properties for use in winter and spring wheat, winter and spring barley, winter and spring oats, durum wheat, rye, triticale, sugar beet and maize (forage and grain), with curative properties in cereals (except maize).

Yield response in cereals may be obtained in the absence of visual disease.

In maize, a grain yield response may be obtained in the absence of visual disease.

1 – Restrictions/Warnings

Extreme care must be taken to avoid drift onto nearby crops.

Wash equipment thoroughly after use.

2 – Disease/Weed/Pest control

Opera is a fungicide with protectant and systemic properties for use in winter and spring wheat, winter and spring barley, winter and spring oats, durum wheat, rye, triticale, sugar beet and maize (forage and grain), with curative properties in cereals (except maize). Disease control is summarised below:

	Winter wheat	Spring wheat	Durum wheat	Winter barley	Spring barley	Winter oats	Spring oats	Rye	Triticale	Sugar beet	Maize (forage and grain)
<i>Septoria tritici</i> (See Note 1)	MC	MC	MC	-	-	-	-	-	MC	-	-
<i>Septoria nodorum</i>	C	C	C	-	-	-	-	-	C	-	-
Tan Spot	MC	MC	MC	-	-	-	-	-	MC	-	-
Yellow rust	C	C	C	C	C	-	-	C	C	-	-
Brown rust	C	C	C	C	C	-	-	C	C	-	-
<i>Ramularia</i>	-	-	-	MC	MC	-	-	MC	MC	-	-
Crown rust	-	-	-	-	-	C	C	-	-	-	-
Net blotch	-	-	-	C	C	-	-	-	-	-	-
<i>Rhynchosporium</i>	-	-	-	C	C	-	-	C	-	-	-
<i>Fusarium</i> ear blight (See Note 2)	GR	GR	GR	-	-	-	-	-	GR	-	-
Beet Rust	-	-	-	-	-	-	-	-	-	C	-
Beet Powdery Mildew	-	-	-	-	-	-	-	-	-	C	-
<i>Ramularia</i> leaf spot	-	-	-	-	-	-	-	-	-	C	-
<i>Cercospora</i> leaf spot	-	-	-	-	-	-	-	-	-	C	-
Maize eyespot	-	-	-	-	-	-	-	-	-	-	C
Northern leaf blight	-	-	-	-	-	-	-	-	-	-	MC

C = Control
MC = Moderate control
GR = Good Reduction

Note 1: *S. tritici*: Opera is recommended for control of *S. tritici* with curative ability in the latent phase.

Note 2: *Fusarium*: Apply Opera during flowering.

Yield response in cereals may be obtained in the absence of visual disease.

In maize, a grain yield response may be obtained in the absence of visual disease.

3 – Resistance Management

Opera contains pyraclostrobin, a member of the QoI cross resistance group. Opera should be used preventatively and should not be relied on for its curative potential.

When curative activity is needed apply QoI fungicides in mixture with a suitable dose of a curative fungicide from a different cross-resistance group. Opera meets this requirement as it contains epoxiconazole. To ensure the effectiveness of the epoxiconazole component as a partner, Opera should always be applied at the full recommended rate.

Opera 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.

Use Opera 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. 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 *Septoria tritici* populations in the UK. Failure to follow resistance management action may result in reduced levels of disease control.

4 – Crop Specific Information

Opera is approved for use in winter and spring wheat, winter and spring barley, winter and spring oats, durum wheat, rye, triticale, sugar beet and maize (forage and grain).

Cereals

Time of Application

Apply Opera at the start of foliar disease attack. A maximum of two applications can be made before grain watery ripe 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 winter and spring oats.

Rate of Application

Apply 1.5 litres of Opera in a minimum of 200 litres of water per hectare.

Qualified Recommendation

100 L/ha water volumes may also be used, however these have not been supported by effectiveness or crop safety data.

Sugar beet

Time of Application

Apply 1.0 litres Opera at the start of foliar disease attack. A maximum of two applications can be made, allowing a minimum harvest interval of four weeks after final application.

Rate of Application

Apply Opera in a minimum of 200 litres of water per hectare. In dense crops adjust water volume up to 400 l/ha to achieve complete coverage.

Qualified recommendation

100 L/ha water volumes may also be used, however, these have not been supported by effectiveness or crop safety data.

Maize (Forage and Grain)

Time of Application

Best results are achieved by an application of Opera before the start of foliar disease attack or at the very earliest signs of infection.

Opera gives control of Eyespot for up to eight weeks after application when applied before the start of foliar disease attack.

If applying before the start of disease attack, it is recommended to **only** treat sites that have a known history of disease when conditions are conducive for disease development. It is recommended to consult with a specialist maize agronomist before application.

Once established in the crop Opera can reduce the development of the disease.

Application can be made up to and including mid-flowering.

Rate of Application

Apply 1.5 litres of Opera in a minimum of 200-300 litres of water per hectare.

Qualified Recommendation

100 L/ha water volumes may also be used, however these have not been supported by effectiveness or crop safety data.

5 – Mixing and Application

Mixing

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.

6 – Compatibility

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

7 – Trade Mark Acknowledgments

Opera is a registered trademark of BASF.

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:



bit.ly/Opera_msds

Alternatively, contact your supplier.



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