



# ORIOUS P

MAPP 18994

An oil in water emulsion containing 133 g/l (12% w/w) tebuconazole and 267 g/l (24% w/w) prochloraz.

A systemic fungicide for the control of a wide range of diseases in wheat, rye and triticale.

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

Pack size: 1 – 5 L

Batch No.: XXXXX

## **Authorisation Holder & Marketing Company**

Nufarm UK Limited  
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Technical Helpline telephone number 01274 694714  
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SHAKE WELL BEFORE USE  
PROTECT FROM FROST



## WARNING

Harmful if swallowed.  
Causes serious eye irritation.  
Suspected of damaging the unborn child.  
Very toxic to aquatic life with long lasting effects.

Keep out of reach of children.  
Obtain special instructions before use.  
Do not eat, drink or smoke when using this product.  
Collect spillage.

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

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 Propanoic acid, 2-hydroxy-, 2-ethylhexyl ester. May produce an allergic reaction.

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

**IMPORTANT INFORMATION  
FOR USE ONLY AS A PROFESSIONAL FUNGICIDE**

Crop	Maximum Individual Dose (L product/ha)	Maximum Total Dose (L product/ha/crop)	Latest Time of Application	Aquatic Buffer Zone Distance (metres)
Rye, triticale, wheat	1.5	1.5	Up to and including flowering (anthesis) just complete (GS 69) and 6 weeks before harvest	5

*Other Specific Restrictions:*

Non-returnable containers must not be re-used for any purpose.

**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.**

## 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 GLOVES AND FACE PROTECTION (FACESHIELD) when handling the concentrate.

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 CONCENTRATE from skin immediately.

WASH HANDS AND EXPOSED SKIN before meals and after work.

IF YOU FEEL UNWELL, seek medical advice (show 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 5 m of the top of the bank of a static or flowing waterbody, unless a Local Environmental Risk Assessment for Pesticides permits a narrower buffer zone, or within 1 m of the top of a ditch which is dry at the time of application. DO NOT ALLOW DIRECT SPRAY from hand-held sprayers to fall within 1 m of the top of the bank of a static or flowing waterbody. Aim spray away from water.

This product qualifies for inclusion within the Local Environmental 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 HSE'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.

To protect non target insects/arthropods respect an unsprayed buffer zone of 5 m to non-crop land.

## Storage and Disposal

KEEP IN ORIGINAL CONTAINER, tightly closed, in a safe place.

WASH OUT CONTAINER THOROUGHLY, empty washings into spray tank and dispose of safely.

DO NOT RE-USE CONTAINER for any purpose.

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDINGSTUFFS.

KEEP OUT OF REACH OF CHILDREN.

## 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.

## GENERAL INFORMATION

### RESTRICTIONS

- After application to wheat, some transient leaf speckling may occur, these are normally outgrown and do not affect yield.
- Crops treated with ORIUS P must not be grazed by sheep or goats or harvested for consumption by sheep or goats.

## RESISTANCE MANAGEMENT

To avoid resistance do not apply repeated applications of ORIUS P™ alone on the same crop against the same disease. In such situations use an appropriate tank-mix or alternate with another fungicide with a different mode of action. Where resistance occurs, ORIUS P may not give adequate disease control. Consult the latest advice from FRAG UK and FRAC regarding disease resistance strategies.

ORIUS P contains DMI fungicides. 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.

ORIUS P may be used on all varieties of wheat (excluding durum), rye and triticale.

## CROP SPECIFIC INFORMATION

## WHEAT, RYE AND TRITICALE

Application Rate: 1.5 L/ha  
Maximum Total Dose: 1.5 L/ha  
Application Timing: Apply up to and including flowering (anthesis) just complete (GS 69) and 6 weeks before harvest.

Eyespot in wheat, rye and triticale Apply as disease appears, from leaf sheath becoming erect to 2nd node detectable stage (GS 30-32).

Yellow rust, brown rust and powdery mildew in wheat, rye and triticale, *Septoria tritici* in wheat, *Rhynchosporium* in rye, and net blotch in rye Apply at first sign of disease from beginning of stem elongation (GS 30) up to flag leaf fully unrolled (GS 39). Alternatively, Orius P may be applied on wheat, rye and triticale from (GS 39) up to and including end of flowering (GS 69), where an alternative product had been used to control foliar diseases at an earlier timing.

Septoria leaf spot and glume blotch Apply from flag leaf emergence (GS 37) up to and including end of flowering (GS 69).

Ear disease complexes, glume blotch in wheat and triticale) Apply soon after ear emergence up to and including end of flowering (GS 69).

## WATER VOLUME

Apply in 200 L water/ha. Use a higher volume of 250 L/ha in dense crops after the first node is detectable and 300 L/ha in large or susceptible crops.

## MIXING AND SPRAYING

Before spraying it is important to check all hoses, filters and nozzles, and to ensure that the sprayer is clean and correctly calibrated to give an accurate application at the correct volume. Half-fill sprayer tank with clean water. Add the required amount of ORIUS P to the water and begin agitation. Add the remainder of water. Continue agitation during spraying. Do not allow the spray mixture to stand in the sprayer tank. On emptying the container, 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. Do not leave in spray tank for long periods without using.

Apply ORIUS P at a pressure of 2-3 bar (30-40 psi). Apply as a MEDIUM quality spray (as defined by BCPC).

## COMPANY ADVISORY INFORMATION

This section is not part of the Product Label under the Plant Protection Products Regulations 2011. It provides additional advice on use of the product

### ACKNOWLEDGMENTS

ORIUS P is a registered trademark.

### CONDITIONS OF SUPPLY

All goods supplied by us are of high grade and we believe them to be suitable but (as we cannot exercise any control over their mixing or use) all conditions and warranties, statutory or otherwise, as to the quality and fitness for any purpose of our goods are excluded, except in so far as such exclusion is prevented by law, and no responsibility will be accepted by us for any damage or injury whatsoever arising from their storage, handling, application or use.

This product is to be used only in accordance with the recommendations and instructions given on the labels provided with this pack. Use in any other circumstances is entirely at users risk.