


# ADAMA

# Orius® P

## MAPP 12880

A systemic fungicide for the control of a wide range of diseases in wheat, barley, rye and *Sclerotinia* in oilseed rape.

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



### Warning

**Harmful if swallowed.**  
**Causes serious eye irritation.**  
**Suspected of damaging the unborn child.**  
**Very toxic to aquatic life with long lasting effects.**  
**Contains propanoic acid, 2-hydroxy-, 2-ethylhexyl ester. May produce an allergic reaction.**

Keep out of reach of children.  
Obtain special instructions before use.  
Do not eat, drink or smoke when using this product.  
Wear protective gloves/protective clothing/ eye protection/face protection.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. 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.


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

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## 5 litres e

To access the Safety Data Sheet for this product scan the QR code or use the weblink: <http://goo.gl/N6J5j2> - Alternatively, contact your supplier.

Scan for Safety Data Sheet



## This leaflet/booklet is part of the approved label.

For advice on medical emergencies, fires or major spills telephone  
the National Chemical Emergency Centre on 01865 407333

### IMPORTANT INFORMATION

FOR PROFESSIONAL USE ONLY AS AN AGRICULTURAL FUNGICIDE

Crops	Maximum individual dose (litres product/ha)	Maximum total dose (litres product /ha/crop)	Latest time of application
Wheat, barley and rye	1.5	3.0	Before grain milky ripe stage <u>and</u> 6 weeks before harvest
Oilseed rape	1.5	3.0	Up to and including most seeds are at green stage

#### Other specific restrictions:

Do not harvest crops for human or animal consumption for at least six weeks after the last application.

**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 CLOTHING (COVERALLS), SUITABLE PROTECTIVE GLOVES AND FACE PROTECTION (FACESHIELD) when handling the concentrate.

WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS) when applying the product.

WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS) AND SUITABLE PROTECTIVE GLOVES when handling 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 CONCENTRATE from skin or eyes immediately.

WASH HANDS AND EXPOSED SKIN before meals and after work.

IF YOU FEEL UNWELL, seek medical advice (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.

### Storage and Disposal

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDINGSTUFFS.

KEEP OUT OF REACH OF CHILDREN.

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.

## 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.

### RESTRICTIONS

After application to wheat, some transient leaf speckling may occur, these are normally outgrown and do not affect yield.

### Resistance Management

To avoid resistance do not apply repeated applications of ORIOUS® 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, ORIOUS P may not give adequate disease control. Consult the latest advice from FRAG UK and FRAC regarding disease resistance strategies.

ORIOUS 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.

ORIOUS P may be used on all varieties of wheat (excluding durum), barley, rye and oilseed rape.

## CROP SPECIFIC INFORMATION INCLUDING DISEASES CONTROLLED

Diseases	Rate of use and volume of water		Timing and Recommendations
	Maximum individual dose	Maximum total dose	
<b>WHEAT, BARLEY AND RYE</b> – apply at any time up to before grain milky ripe stage <u>and</u> 6 weeks before harvest.			
<b>Eyespot in wheat, barley and rye</b>	1.5 L/ha in 200 L/ha water. 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.	3.0 L/ha	Apply as disease appears, from leaf sheath becoming erect to 1st node detectable stage. Make a follow-up application 4-6 weeks later if weather conditions favour eyespot development, but before the third node detectable stage in wheat, barley or rye.
<b>Yellow rust and brown rust in wheat, barley and rye</b>			Apply as disease appears. A repeat application may be necessary 2-3 weeks later. Applications made to established infections are likely to be less effective.
<b>Powdery mildew in wheat, barley and rye</b>			Apply at first signs of disease (also see Resistance Section). Applications made to established infections or to particularly disease susceptible varieties are likely to be less effective.
<b>Rhynchosporium (leaf blotch) in barley and rye</b>			Apply at first signs of disease and repeat 2-3 weeks later as required. Applications made to disease susceptible varieties in high-risk situations are likely to be less effective.
<b>Septoria leaf spot and glume blotch in wheat</b>			Apply from flag leaf emergence (GS 37) up to before grain milky ripe stage (GS 75). To effectively control leaf spot apply when disease is active but not visible, once symptoms are present control will be more difficult.
<b>Ear disease complex in wheat</b>			Apply soon after ear emergence to give reduction of <i>Fusarium</i> ear blight and sooty moulds ( <i>Alternaria</i> and <i>Cladosporium</i> ).
<b>Net blotch in barley</b>			Apply at first signs of disease. A repeat application may be necessary where conditions remain favourable for disease development.
<b>OILSEED RAPE</b> – apply at any time up to and including most seeds are at green stage.			
<b>Sclerotinia stem rot</b> May also give reduction of light leaf spot and <i>Alternaria</i> , if present at the time of application.	1.5 L/ha in 200 – 400 L/ha water. Use the higher volume where crop is dense.	3.0 L/ha	Apply at early flower to first petal fall.

## **APPLICATION**

Apply ORIUS P at a pressure of 2-3 bar (30-40 psi).

## **Spray Quality**

Apply as a MEDIUM quality spray (as defined by BCPC).

## **Mixing**

Before spraying it is important to check all hoses, filters and nozzles, and to ensure that the sprayer is clean and correctly set to give an even application at the correct volume.

Half-fill the spray tank with clean water. Add the required quantity of ORIUS P and begin agitation. Add the remainder of water. Continue agitation during spraying. Do not allow the spray mixture to stand in the sprayer tank.

## **DISCLAIMER/CONDITIONS OF SUPPLY**

The specified properties of our products and the mode of application stated on this label have been established on the basis of research and experience. Products conform to specification at the time of delivery but, as we exercise no control over their subsequent storage, handling, mixing or use or the weather conditions before, during and after application, all of which may affect the performance of the products, no responsibility or liability will be accepted by us or our re-sellers for any failure in performance, damage or injury to person or property whatsoever arising from the storage, handling, application or use of the products. These conditions cannot be varied by our staff or agents whether or not they supervise or assist in or make recommendations concerning the use of such products. We recommend you contact your dealer to request advice on the suitability of this product for any new and/or unusual growing methods or for new varieties not listed on this label.

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Tel: 01635 860555  
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Orius® is a registered trademark of a company of the Adama Group.

© Adama Agricultural Solutions UK Ltd

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

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

**Adama Agricultural Solutions UK Ltd**

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Batch No.: see packaging

**SHAKE WELL BEFORE USE**

**PROTECT FROM FROST**

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