An oil in water emulsion containing 200 g/l (20% w/w) tebuconazole.

A broad-spectrum fungicide for the control of a wide range of diseases in wheat, barley, rye, oats and oilseed rape.

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

Warning
Causes serious eye irritation.
Suspected of damaging the unborn child.
Very toxic to aquatic life with long lasting effects.
Contains 2-ethylhexyl-β-lactate and rosin.
May produce an allergic reaction.
Keep out of reach of children.
Obtain special instructions before use.
Wash hands thoroughly after handling.
Wear eye protection/protective gloves/face protection.
IF IN EYES rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so - continue rinsing.
Collect spillage.
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.

ADAMA AGRICULTURAL SOLUTIONS UK LTD
Unit 15, Thatcham Business Village, Colthrop Way, Thatcham, Berkshire, RG19 4LW
Telephone: (01635) 860555 Technical Helpline: (01635) 876622
For advice on medical emergencies, fires or major spills telephone the National Chemical Emergency Centre on 01865 407333
Batch No: see packaging

To access the Safety Data Sheet for this product scan the QR code or use the weblink: http://goo.gl/rrGVfQ – Alternatively, contact your supplier.
**IMPORTANT INFORMATION**
**FOR PROFESSIONAL USE ONLY AS A FUNGICIDE**

<table>
<thead>
<tr>
<th>Crop</th>
<th>Maximum individual dose (L product/ha)</th>
<th>Maximum total dose (L product/ha/crop)</th>
<th>Latest time of application</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wheat, barley, oats and rye</td>
<td>1.25</td>
<td>2.5</td>
<td>Before grain milky ripe stage (BBCH 69)</td>
</tr>
<tr>
<td></td>
<td>See Other Specific Restrictions</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oilseed rape</td>
<td>1.25</td>
<td>1.25</td>
<td>Up to 30% of pods reached final size (BBCH 73) and 56 days before harvest</td>
</tr>
<tr>
<td></td>
<td>See Other Specific Restrictions</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Other Specific Restrictions:**
1. Applications must only be made in the spring.
2. For use on cereals a maximum individual dose of 1.25 L/ha applies after BBCH 30 and before early boot stage (BBCH 39). A further maximum individual dose of 1.25 L/ha cannot be applied until after BBCH 40 stage.
3. For use on oilseed rape a single application must only be made after BBCH 20.
4. A minimum interval of 14 days applies between applications.

**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.
WEAR 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.
TAKE OFF IMMEDIATELY all contaminated clothing.
WASH ALL PROTECTIVE CLOTHING thoroughly after use, especially the insides of gloves.
WASH HANDS AND EXPOSED SKIN before eating and drinking and after work.
WHEN USING DO NOT EAT, DRINK OR SMOKE.

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 Environmental Risk Assessment for Pesticides permits a narrower buffer zone, or within 1m 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 1m 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.

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
ORIUS® is a systemic fungicide. It is rapidly absorbed into the vegetative parts of the plant and then translocated through the plant. It controls a wide range of diseases in a wide range of crops. For best disease control, apply as soon as disease appears, before spread to new growth.
Application to established diseases may be less effective.

RESTRICTIONS OR WARNINGS
After application to wheat, some transient leaf speckling may occur, and on oats some leaf reddening or scorch may be observed. These are normally outgrown and do not affect yield.
CONSULT PROCESSOR BEFORE USE ON CROPS GROWN FOR PROCESSING.
RESISTANCE

ORIUS contains tebuconazole, a DMI fungicide (mode of action code G1 and classified as FRAC code 3).

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

ORIUS contains a DMI fungicide. Resistance to some DMI fungicides has been identified in Septoria leaf blotch (*Myzosphaerella graminicola*) which may seriously affect the performance of some products. ORIUS is not recommended for the control of this disease. For further advice on resistance management in DMIs, contact your agronomist or specialist advisor, and visit the Fungicide Resistance Action Group FRAG-UK website.

The efficacy of this product may be affected if strains of disease pathogens resistant or less sensitive occur at any time. As such occurrences cannot be predicted no responsibility can be accepted for the results obtained.

Strains of wheat powdery mildew with decreased sensitivity to triazoles are common in the UK. Where these occur or develop, ORIUS may not give satisfactory control.

Strains of light leaf spot resistant to azole fungicides are known to exist. To avoid development of resistance, apply product protectively in response to disease forecasts. Where possible, when light leaf spot is present, use a fungicide with an alternative mode of action or mixes containing an alternative mode of action when targeting other diseases such as *Sclerotinia* at mid-flowering.

For current advice on resistance management, contact your agronomist or specialist advisor, and visit the FRAG-UK website.

DISEASES CONTROLLED

**Wheat**
- Brown rust
- Yellow rust
- Powdery mildew (moderate control)
- *Septoria nodorum* (glume blotch)
- Ear diseases

**Barley**
- Brown rust
- Yellow rust
- Powdery mildew (moderate control)
- *Rhynchosporium* (moderate control)

**Oats**
- Crown rust
- Powdery mildew

**Rye**
- Brown rust
- Yellow rust
- Powdery mildew
- *Rhynchosporium* (moderate control)

**Oilseed rape**
- *Alternaria*
- Light leaf spot
- *Sclerotinia*
**WHEAT, BARLEY, OATS AND RYE**

Only one application should be applied to cereals (wheat, barley, oats and rye) before BBCH 40 (in the application window BBCH 30-39). If a second application is required before BBCH 40, an alternative product (not containing tebuconazole) should be used.

<table>
<thead>
<tr>
<th>Disease</th>
<th>Rate of use (L/ha) and volume of water (L/ha)</th>
<th>Timing and Recommendations</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Maximum individual dose</td>
<td>Maximum total dose</td>
</tr>
<tr>
<td>Ear disease complex on wheat</td>
<td>1.25 L/ha in 160-200 L water/ha.</td>
<td>2.5</td>
</tr>
<tr>
<td>Yellow and brown rust on wheat, barley and rye</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Powdery mildew in wheat, barley and rye</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Powdery mildew and crown rust in oats</td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Rhyncosporium</em> in barley and rye and net blotch in barley</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Disease</td>
<td>Rate of use (L/ha) and volume of water (L/ha)</td>
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</tr>
<tr>
<td>----------------------------------------</td>
<td>-----------------------------------------------</td>
<td>------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Light leaf spot</td>
<td>Maximum individual dose 1.25 L/ha in 160-200 L water/ha.</td>
<td>Apply 1.25 L/ha as disease appears in the spring, from the onset of stem extension. This application will also give some reduction of ringspot if present at time of application.</td>
</tr>
<tr>
<td>Alternaria spp (dark leaf and pod spot)</td>
<td></td>
<td>Apply 1.25 L/ha as disease appears i.e. when black pin-head spots first appear on the pods.</td>
</tr>
<tr>
<td>Sclerotinia stem rot</td>
<td></td>
<td>Apply 1.25 L/ha at early to full flower. Will give some reduction of Sclerotinia stem rot.</td>
</tr>
</tbody>
</table>

If disease pressure remains high, application of an alternative effective product may be required to maintain control and to comply with the timing restrictions necessary for ORIUS.

**WATER VOLUME**

Apply in 160-200 L water/ha. In cereals, in denser crops, a water volume of 300 L/ha may be required. For oilseed rape, a water volume of 400 L/ha may be required in dense crops.

Apply as a medium spray as defined by BCPC.

**FOLLOWING CROPS**

There are no restrictions on following 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 to the water and commence agitation. 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. Add the remainder of the water whilst continuing to agitate the mixture until spraying is complete. Maintain agitation during the mixing process and continue until the spraying is complete. Do not leave in spray tank for long periods without using.
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.

Marketed by:
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IMPORTANT INFORMATION
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Crops: Wheat, barley, oats, rye and oilseed rape.

Maximum individual dose (L product/ha)
Maximum total dose (L product/ha/crop)
Latest time of application

Full details are given in the information box within the attached leaflet.

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