

Oilseed rape: Apply 1.0 l/ha ORASO PRO at any stage and, where required, a second application of 1.0 l/ha can be made for a total permitted dose of 2.0 l/ha/crop. All applications must be made at least 56 days before harvest.

Oilseed rape diseases:

- **Light leaf spot:** Apply 1.0 L/ha in Oct – Dec prior to disease establishment. If further treatment is required the following spring, apply a second application of 1.0 l/ha from the onset of stem extension.
- **Phoma leaf spot/stem canker:** Apply 1.0 L/ha in Oct – Dec at the first sign of disease establishment and, if symptoms reoccur, apply a second application.
- **Sclerotinia stem rot (*Sclerotinia sclerotiorum*):** Apply 1.0 L/ha at early - full flower to deposit the spray on the petals.

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 and start the agitation. Thoroughly shake the pack and add the required quantity of ORASO PRO and complete the filling of the tank. Agitate the mixture thoroughly before and during spraying. Spray immediately after mixing and clean out the application equipment with water and detergent after use.

Compatibility

When applying ORASO PRO in tank-mixture with other products, follow any instructions as to the order of mixing on any partner product. Where no instructions are given, fully disperse the partner product before adding ORASO PRO.

COMPANY ADVISORY INFORMATION

This information is not part of the approved label under Regulation (EC) 1107/2009 but provides additional company advice on the product use.

CONDITIONS OF SUPPLY

All goods supplied by us are of high grade and we believe them to be suitable but, as we cannot exercise control over their storage, handling, mixing or use or the weather conditions before, during and after application which may affect the performance of the goods, 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 or re-sellers for

any failure in performance, damage or injury whatsoever arising from their storage, handling, application or use. These conditions cannot be varied by our staff or agents whether or not they supervise or assist in the use of such goods.

life scientific

FIRST TO MARKET

ORASO PRO®

MAPP 19321

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Contains 125 g/l (12.8% w/w) prothioconazole and 125 g/l (12.8% w/w) tebuconazole as an emulsifiable concentrate. ORASO PRO is a broad-spectrum fungicide for disease control in winter & spring crops of wheat (also reduction of the mycotoxin deoxynivalenol), barley and oats, winter rye and oilseed rape.

Warning





Causes skin irritation.
Causes serious eye irritation.
May cause respiratory irritation.
Suspected of damaging the unborn child.
Very toxic to aquatic life with long-lasting effects.

Keep out of reach of children.
 Avoid breathing spray.
 Wear protective clothing/gloves/eye/face protection.
 Call a POISON CENTRE/doctor/if you feel unwell.
 If eye irritation persists: Get medical advice attention.
 Collect spillage.

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 triple-rinsed empty containers which can be disposed of as non-hazardous waste.
 Contains 2-[2-(1-chlorocyclopropyl)-2-hydroxy-3-phenylpropyl]-2,4-dihydro-3H-1,2,4-triazole-3-thione. May cause 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

Crops	Maximum individual dose (L/ha)	Maximum No of Applications	Latest timing of application
Wheat and winter rye	1.0	2 per crop	End of flowering (BBCH 69)
Barley and Oats	1.0	2 per crop	Up to the beginning of flowering (BBCH 61)
Oilseed rape	1.0	2 per crop	56 days before harvest

Other specific restrictions:
 • A minimum interval of 21 days must be observed between applications.

READ THE LABEL BEFORE USING. USING THIS PRODUCT IN A MANNER THAT IS INCONSISTANT WITH THE LABEL MAY BE AN OFFENCE. FOLLOW THE CODE OF PRACTICE FOR USING PLANT PROTECTION PRODUCTS.

APPROVAL HOLDER AND MARKETING COMPANY: Life Scientific Limited, Block 4, Belfield Office Park, Beech Hill Road, Dublin 4, Ireland - Tel: +353 1 2832024

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

FOR 24 HOUR EMERGENCY INFORMATION CONTACT NHS 111

PROTECT FROM FROST

Made in EU

Batch No. See Packaging

Net Contents: **5 Litres**

Version No. 2

PEEL BACK FOR DIRECTIONS FOR USE LEAFLET

073-010RA5LUK1

SAFETY PRECAUTIONS

Operator Protection

Engineering control of operator protection 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 when applying the product.
WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS) and SUITABLE PROTECTIVE GLOVES when handling contaminated surfaces.

However, engineering control of operator exposure 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 ANY CONTAMINATION from eyes immediately.

WASH HANDS AND EXPOSED SKIN before meals and after work.

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

Environmental Protection

Do not contaminate surface waters or ditches with the product or its container. Do not clean application equipment near surface water. Avoid contamination via drains from farmyards and roads.

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 Environment Risk Assessment for Pesticides (LERAP) permits a narrower buffer zone, or within 1 m of the top of a ditch which is dry at the time of application. Aim spray away from water.

This product qualifies for inclusion in the Local Environment Risk assessment for Pesticides Scheme (LERAPS). Before each application from a horizontal boom sprayer, either a LERAP must be carried out in accordance with the CRD'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 AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS.

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 authorised 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.

ORASO PRO is a systemic fungicide. It controls a wide range of diseases in cereals and oilseed rape. For best disease control, apply as soon as disease appears and before it spreads to new growth. Application to established diseases may be less effective. It can be used on all varieties of wheat, barley, oats, winter rye and oilseed rape.

RESISTANCE MANAGEMENT

ORASO PRO contains DMI fungicides (FRAC code 3). Resistance to some DMI fungicides has been identified in Septoria leaf blotch (*Mycosphaerella graminicola*) which may seriously affect the performance of some products. Repeated applications of ORASO PRO alone should not be used on the same crop against a high-risk pathogen such as cereal powdery mildew. Tank mixtures or alteration with fungicides having a different mode of action have been shown to protect against resistance forms of disease. For further advice on resistance management in DMIs contact your agronomist or specialist advisor and visit the FRAG-UK website.

APPLICATION

Two applications of 1.0 l/ha are allowed on the approved crops. Apply at a pressure of 2-3 bar in 100-400 l/ha as a MEDIUM spray quality (as defined by BCPC). Adjust boom height and water volume to achieve good coverage of the target, this is particularly important when treating crops at the later growth stages. Disease control may be compromised by reducing water volumes where good spray coverage is difficult to achieve.

Rate of Use and latest timing of application:			
Crops	Maximum individual dose (L/ha)	Maximum No of Applications*	Latest timing of application
Winter and spring wheat and winter rye	1.0	2 per crop	End of flowering (BBCH 69)
Winter and spring barley	1.0	2 per crop	Up to the beginning of flowering (BBCH 61)
Winter and spring oats	1.0	2 per crop	Up to the beginning of flowering (BBCH 61)
Oilseed rape	1.0	2 per crop	56 days before harvest

* Allow at least 21 days between applications

CROP SPECIFIC INFORMATION INCLUDING DISEASES CONTROLLED

ORASO PRO may be used on all commercial varieties of winter and spring barley, winter and spring wheat, winter rye, winter and spring oats and oilseed rape.

DISEASES CONTROLLED

Wheat: Eyespot (reduction of the incidence and severity), Septoria (leaf and glume blotch), powdery mildew, yellow rust, brown rust, tan spot, ear disease complex (*Fusarium* ear blight (reduction of deoxynivalenol) and reduction of sooty moulds).

Barley: Eyespot (reduction of the incidence and severity), powdery mildew, yellow rust, brown rust, ear disease complex (Moderate control of *Fusarium* ear blight and reduction of sooty moulds), *Rhynchosporium*, net blotch.

Rye: Eyespot (reduction of the incidence and severity), powdery mildew, brown rust, *Rhynchosporium*.

Oats: Eyespot, crown rust and mildew

Oilseed rape: *Phoma* leaf spot/stem canker, *Sclerotinia* stem rot and moderate control of Light leaf spot.

Cereal diseases:

- Powdery mildew (*Blumeria graminis*):** Apply at the first sign of the disease in the crop and repeat if required. Consider a mildewicide with a different mode of action if control is not acceptable – note that ORASO PRO is likely to only give moderate control of powdery mildew in wheat.

- Yellow rust (*Puccinia striiformis*):** Apply at the first sign of the disease in the crop. If re-infection occurs after application, apply a second dose 3 weeks later but note that control of established infections is likely to be less effective.
- Brown rust (*Puccinia hordei* (barley) and *P. recondita* (wheat)):** Apply at the first sign of the disease in the crop. If re-infection occurs after application, apply a second dose 3 weeks later but note that control of established infections is likely to be less effective.
- Septoria leaf spot and Glume blotch (*Septoria tritici* and *Stagonospora nodorum*):** Treat the crop before the disease is established in the crop. Keep the upper leaves and ear clean by applying between flag leaf emergence (GS 37) and mid flowering (GS 65). Where disease pressure is high, a second application may be necessary but note that established disease will be less well controlled. ORASO PRO contains two 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 DMI's contact your agronomist or specialist advisor and visit the FRAG-UK website.
- Ear disease complex:** An application from after ear emergence up until the end of flowering (GS 59-69) will control Fusarium ear blight in wheat (or moderate control in barley) and reduce the incidence of sooty moulds, which can result in cleaner brighter ears. This treatment can reduce the Fusarium mycotoxin deoxynivalenol (DON) content but the reduction achieved may not be sufficient to fall below the statutory limits on mycotoxin levels in the grain.
- Crown rust (*Puccinia coronata*):** Apply at the first sign of the disease in the crop. If re-infection occurs after application, apply a second dose 3 weeks later but note that control of established infections is likely to be less effective.
- Leaf blotch (*Rhynchosporium secalis*):** Apply at the first sign of the disease in the spring. If re-infection occurs after application or disease pressure is high, apply a second dose 3 weeks later but note that control of established infections is likely to be less effective.
- Net blotch (*Pyrenophora teres*):** Apply at the first sign of the disease in the spring/early summer. If re-infection occurs after application or disease pressure is high, apply a second dose 3 weeks later but note that control of established infections is likely to be less effective.
- Tan spot (*Pyrenophora tritici-repentis*):** Apply at the first sign of the disease in spring or early summer and repeat if required.
- Eyespot (*Tapesia spp.*)** An application of ORASO PRO at the first sign of the disease from leaf sheath erect to 2nd node (GS 30-32) will give some reduction in the incidence of eyespot.