

FLEXURE® - MAPP 19311

FLEXURE® is a fungicide for the control of stem-base, foliar and ear diseases in wheat, rye, barley, oats, durum wheat and triticale. Contains 160 g/l (16.3% w/w) prothioconazole, 300 g/l (30.6% w/w) spiroxamine and N, N-dimethyldecanamide as an emulsifiable concentrate.

PEEL BACK FOR DIRECTIONS FOR USE LEAFLET

WARNING

Harmful if swallowed.
 Causes skin irritation.
 Causes serious eye irritation.
 Harmful if inhaled.
 May cause respiratory irritation.
 Suspected of damaging the unborn child.
 May cause damage to organs through prolonged or repeated exposure.
 Very toxic to aquatic life with long-lasting effects.
 Keep out of reach of children.
 Wear protective gloves, protective clothing and protective eye/face protection.
 Call a POISON CENTRE or doctor/physician if you feel unwell.
 IF eye irritation persists: Get medical advice / attention.
 Collect spillage.
 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 and spiroxamine. May produce 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/Situation	Maximum individual dose (L/ha)	Maximum no. of treatments (per crop)	Latest time of application	Aquatic buffer zone distance (metres)
Wheat, rye, durum wheat and triticale	1.25	2	Before caryopsis watery ripe stage (BBCH 71)	6
Barley, oats	1.25	2	Beginning of flowering (BBCH 61)	6

Other specific restrictions:

- Only one application may be made before 30 April (BBCH 30-37) followed by a second application after 1 May (BBCH 37-71). Alternatively, two applications can be made after 1 May (BBCH 37-71).
- When used on crops with a greater than 5 m aquatic buffer zone, this product must not be applied via hand-held equipment.
- A minimum interval of 21 days must be observed between applications.

READ THE LABEL BEFORE USING. 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.

APPROVAL HOLDER AND MARKETING COMPANY:

Life Scientific Ltd, Block 4, Belfield Office Park, Beech Hill Road, Dublin 4. Ireland, Tel: +353 1 2832024

THE (COSHH) CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH 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

170390623802_V1

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.

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

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 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 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 as specified for the crop.

HORIZONTAL BOOM SPRAYERS MUST BE FITTED WITH THREE STAR DRIFT REDUCTION TECHNOLOGY.

Low drift spraying equipment must be operated according to the specific conditions stated in the official three-star rating for that equipment as published on HSE Chemicals Regulation Division's website. These operating conditions must be maintained until the operator is 30m from the top of the bank of any surface water bodies.

DO NOT ALLOW DIRECT SPRAY from horizontal boom sprayers to fall within the distance specified for the crop to the top of the bank of any static or flowing waterbody or within 1m of the top of a ditch which is dry at the time of application. Spray must be aimed away from water.

BUFFER ZONES GREATER THAN 5M ARE NOT ELIGIBLE FOR BUFFER ZONE REDUCTION UNDER THE LERAP SCHEME.

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 the 'Local Environment Risk Assessment for Pesticides Horizontal Boom Sprayers' booklet available from the HSE Chemicals Regulation Division's website 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.

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

DO NOT REUSE 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.

FLEXURE® controls a wide range of diseases in barley, oats, wheat, rye, durum wheat and triticale. In addition to a spiroketolamine FLEXURE® contains a triazolothione fungicide (prothioconazole). It can be used on all commercial varieties of barley, oats, wheat, rye, durum wheat and triticale.

RESISTANCE MANAGEMENT

FLEXURE® 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 DMI's contact your agronomist or specialist advisor, and visit the FRAG-UK website.

APPLICATION

A maximum individual dose of 1.25 L/ha is allowed on the approved crops with a maximum number of 2 treatments per crop. Apply FLEXURE® in 100-300 litres of water per hectare at a pressure of 2-3 bar (30-40 psi) as a MEDIUM spray quality (as defined by BCPC). Boom height should be adjusted to ensure even coverage of the crop, particularly at later growth stages. The correct height is one at which the spray from alternate nozzles meets just above the crop. In dense crops, at later growth stages, higher water volumes within the 100-300 L/ha range should be used.

The higher spray volumes are recommended where the crop is dense or disease pressure/risk is high to ensure good penetration to the lower leaves and stem bases. Disease control may be compromised by reducing water volumes, where good spray coverage is difficult to achieve.

The maximum water volume is 400 litres of spray solution per hectare.

Only one application may be made before 30 April followed by a second application after 1 May. Alternatively, two applications can be made after 1 May.

Latest permitted timing for wheat, rye, durum wheat and triticale is before caryopsis watery ripe stage (BBCH 69). For barley and oats it is up to beginning of flowering stage (BBCH 71).

Allow at least 21 days between treatments.

DISEASES CONTROLLED

WHEAT, DURUM WHEAT, TRITICALE: Eyespot, Septoria leaf and glume blotch, powdery mildew, yellow rust, brown rust*, tan spot*, ear disease complex (Fusarium ear blight* and reduction of sooty moulds).

BARLEY: Eyespot, powdery mildew, yellow rust, brown rust, Rhynchosporium, net blotch.

RYE: Eyespot, powdery mildew, brown rust, ear disease complex (Fusarium ear blight* and reduction of sooty moulds), Rhynchosporium.

OATS: Eyespot, crown rust and mildew.

* FLEXURE® will provide moderate control of these diseases

CROP SPECIFIC INFORMATION

Eyespot (*Oculimacula spp.*)

Spray in the spring at the first sign of disease, from when the leaf sheaths begin to become erect until the 2nd node is detectable (BBCH 30-32).

Septoria leaf blotch and glume blotch (*Septoria tritici* and *Stagonospora nodorum*)

Apply before disease is established in the crop. To protect the upper leaves and ear apply FLEXURE® at full flag leaf emergence (BBCH 37) up to mid-flowering (BBCH 65). Where disease pressure remains high application may be repeated. Applications to upper leaves where *Septoria tritici* symptoms are present are likely to be less effective.

Powdery mildew (*Blumeria graminis*)

Apply FLEXURE® at the first signs of disease. Where disease pressure remains high application may be repeated.

Yellow rust (*Puccinia striiformis*)

Apply FLEXURE® at the first signs of disease. A second application may be made 21 days later if re-infection occurs. Applications made to established infections are likely to be less effective.

Brown rust (*Puccinia hordei* and *P. recondita*)

Apply FLEXURE® at the first signs of disease. A second application may be made 21 days later if re-infection occurs. Applications made to established infections are likely to be less effective.

Crown rust (*Puccinia coronata*)

Apply FLEXURE® at the first signs of disease. FLEXURE® controls crown rust in oats. A second application may be made 21 days later if re-infection occurs. Applications made to established infections are likely to be less effective.

Tan spot (*Pyrenophora tritici-repentis*)

Apply FLEXURE® at the first signs of disease in spring or early summer. Where disease pressure remains high the application may be repeated.

Ear disease complex

Apply FLEXURE® soon after ear emergence until the end of flowering (BBCH 59–69). Control of ear diseases can result in cleaner, brighter ears.

Leaf blotch (*Rhynchosporium commune*)

Apply FLEXURE® in spring at the first signs of disease. For severe infections a second application may be necessary 21 days later.

Net blotch (*Pyrenophora teres*)

Apply FLEXURE® at the first signs of disease in spring/early summer. For severe infections, a second application 21 days later will give most effective control when conditions remain favourable for disease development.

CAUTION: The possible development of disease strains resistant to FLEXURE® cannot be excluded or predicted. Where such resistant strains occur, FLEXURE® is unlikely to give satisfactory control.

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 FLEXURE® and complete the filling of the tank. Agitate the mixture thoroughly before and during spraying and stoppages until the tank is completely empty. Spray immediately after mixing and clean out the application equipment thoroughly with water and detergent after use. Filters and jets should be checked for damage and blockages.

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.