COIL

MAPP 20955

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PROTECT FROM FROST
SHAKE WELL BEFORE USE

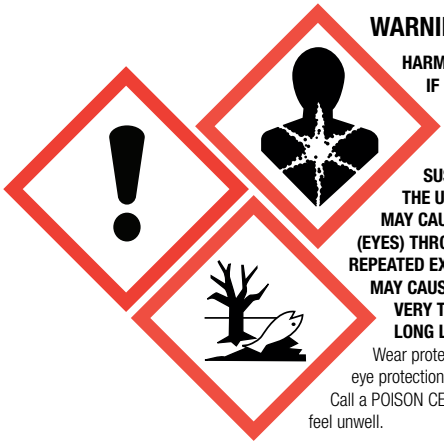
GROUP 3 | 5 FUNGICIDE

Batch No. and manufacturing date: see packing

A fungicide for the control of stem-base, foliar and ear diseases in wheat, durum wheat, rye, triticale, barley and oats.

CropLifeUK

An emulsifiable concentrate formulation containing 160 g/L prothioconazole and 300 g/L spiroxamine.



WARNING

HARMFUL IF SWALLOWED OR IF INHALED.
CAUSES SKIN IRRITATION.
CAUSES SERIOUS EYE IRRITATION.
SUSPECTED OF DAMAGING THE UNBORN CHILD.
MAY CAUSE DAMAGE TO ORGANS (EYES) THROUGH PROLONGED OR REPEATED EXPOSURE.
MAY CAUSE RESPIRATORY IRRITATION.
VERY TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS.

Wear protective gloves/protective clothing/ eye protection/face protection.
Call a POISON CENTRE/doctor/physician if you feel unwell.

Protect from sunlight.
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 spiroxamine and 2-[2-(1-chlorocyclopropyl)-2-hydroxy-3-phenylpropyl]-2,4-dihydro-3H-1,2,4-triazole-3-thione. May produce an allergic reaction.

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

Scan for Safety Data Sheet or use weblink:
geminiag.com/products

DIRECTIONS FOR USE:

Refer to the attached leaflet.

06/24

Gemini AGRICULTURE

Marketing Company
Gemini Agriculture Ltd
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APPLICATION TIMING

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.

There must be a 21 day interval between treatments.

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 (GS 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 COIL at full flag leaf emergence (GS 37) up to mid-flowering (GS 65). Where disease pressure remains high application may be repeated. Applications to upper leaves where *S. tritici* symptoms are present are likely to be less effective.

COIL 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.

Powdery Mildew (Blumeria graminis)

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

Yellow Rust (*Puccinia striiformis*)

Apply COIL 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 COIL 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 COIL at the first signs of disease. COIL controls crown rust in winter and spring 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 COIL 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 COIL soon after ear emergence until the end of flowering (GS 59–69). Control of ear diseases can result in cleaner, brighter ears.

Leaf Blotch (*Rhynchosporium commune*)

Apply COIL 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 COIL 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 COIL cannot be excluded or predicted. Where such resistant strains occur, COIL is unlikely to give satisfactory control.

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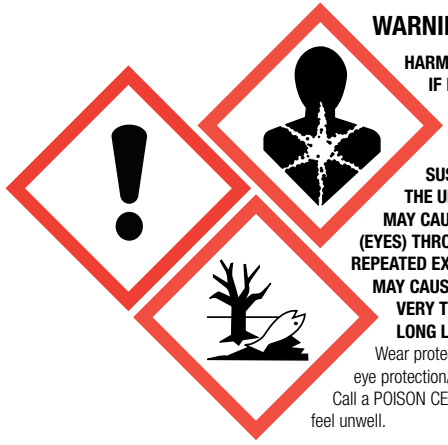
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IMPORTANT INFORMATION

FOR PROFESSIONAL USE ONLY AS AN AGRICULTURAL FUNGICIDE

Crop	Maximum individual dose (L product/ha)	Maximum number of treatments (per crop)	Latest time of application	Aquatic buffer zone distance (metres)
Durum wheat, wheat, rye, triicale	1.25	2 with a 21 day spray interval	Before caryopsis watery ripe stage (BBCH 69)	6
Barley and oats	1.25	2 with a 21 day spray interval	Beginning of flowering (BBCH 61)	6

Other specific restrictions

There must be a 21 day interval between treatments.
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.
When used on crops with a greater than 5 m aquatic buffer zone. This product must not be applied via hand-held equipment.

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.

THE (COSHH) CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS MAY APPLY TO THE USE OF THIS PRODUCT AT WORK.

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 when handling the concentrate.
WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS) and SUITABLE PROTECTIVE GLOVES when handling contaminated surfaces.
WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS) during application.
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 eating and drinking 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).
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 Directorate's website. Maintain three star operating conditions until 30 m 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 a static or flowing water body, or within 1 m of the top of a ditch which is dry at the time of application. Aim spray away from water. NOTE: BUFFER ZONES OF MORE THAN 5 M CANNOT BE REDUCED UNDER THE LOCAL ENVIRONMENT RISK ASSESSMENT FOR PESTICIDES (LERAP) SCHEME.
The statutory buffer zone must be maintained and the distance recorded in Section A of the LERAP record form. The LERAP record form must be kept available for three years.

Storage and Disposal

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDINGSTUFFS.
WASH OUT CONTAINER THOROUGHLY, empty washings into spray tank and dispose of safely.
KEEP IN ORIGINAL CONTAINER tightly closed in a safe place.
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.

COIL is a mixture of a triazolinthione and spiroketoalamine fungicide recommended for control of a wide range of diseases on winter and spring barley and oats, winter wheat and winter rye.

CROPS

COIL may be used on all commercial varieties of barley, wheat, rye, tritcale oats.

RATE OF USE

Apply COIL at 1.25 litre per hectare.

The maximum number of treatments per crop is 2.

There must be a 21 day interval between treatments.

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

Effectiveness using three star drift reduction technology may be reduced.

APPLICATION

Water volume

Apply COIL in 100-300 litres of water per hectare. 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.

Pressure

A spray pressure of 2–3 bar is recommended.

Spray quality

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

Latest Permitted Timing

Wheat, triticale and Rye before caryopsis watery ripe stage (GS 69).
Barley and oats up to beginning of flowering stage (GS 61).

Mixing

THOROUGHLY SHAKE THE PACK BEFORE USE.

Add the required quantity of COIL to the half-filled spray tank with the agitation system in operation and then fill to the required level. Continue agitation at all times during spraying and stoppages until the tank is completely empty. Spray immediately after mixing.

General

Sprayers should be thoroughly cleaned before use, and filters and jets checked for damage and blockages.

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 should be used.

Spray equipment should be thoroughly cleaned with water and detergent after use.

DISEASES CONTROLLED

Wheat

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.

* COIL will provide moderate control of these diseases.