



Ascra[®]

Xpro

5L e

GROUP 3 | 7 FUNGICIDES

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

In cereal crops Ascra_{xpro} can increase chlorophyll content/ photosynthesis in treated plants, and extend duration of green leaf area retention, for yield increases above that resulting from disease control alone.

MAPP 17623

An emulsifiable concentrate formulation containing 65 g/L (6.4% w/w) bixafen, 65 g/L (6.4% w/w) fluopyram and 130 g/L (12.7% w/w) prothioconazole.

 leafshield
formulation system



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

Bayer CropScience Limited
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**For 24 hour emergency information
contact Bayer CropScience Limited**
Telephone: 00800 1020 3333



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65 g/L (6.4% w/w) fluopyram and
130 g/L (12.7% w/w) prothioconazole
and N,N-Dimethyl decanamide



Danger

Harmful if swallowed.
May cause an allergic skin reaction.
Causes serious eye damage.
May cause respiratory irritation.
Very toxic to aquatic life with long lasting effects.
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.
Immediately call a POISON CENTER or doctor/physician.
Collect spillage.
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.
To avoid risks to human health and the environment, comply with the instructions for use.

IMPORTANT INFORMATION FOR USE ONLY AS AN AGRICULTURAL FUNGICIDE

Crops:	Wheat, triticale, winter rye, barley, oats
Maximum individual dose:	Wheat, triticale, winter rye: 1.5 litres product per hectare Barley and oats: 1.2 litres product per hectare
Maximum total dose:	Wheat, triticale, winter rye: 3.0 litres product per hectare Barley and oats: 1.2 litres product per hectare
Latest time of application:	Up to beginning of flowering (BBCH 61)

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.



ascraxprods

To access the **Safety Data Sheet** for this product scan the code or use the link below:

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PROTECT FROM FROST

GB85430246d rA2

Bayer

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) AND SUITABLE PROTECTIVE GLOVES AND FACESHIELD when handling the concentrate.

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

WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS) AND SUITABLE PROTECTIVE GLOVES when in contact with 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 ANY CONTAMINATION from eyes immediately.

WASH HANDS AND EXPOSED SKIN before meals and after work.

ENVIRONMENTAL PROTECTION

Do not contaminate ponds, waterways or ditches with chemical or used 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



5 m of the top of the bank of a static or flowing water body, 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 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 CRD's published guidance 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 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.

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.

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.

Ascra_{xpro} is a mixture of two SDHI fungicides from different chemical groups and a triazolinthione fungicide recommended for control of a wide range of diseases on cereals.

PROTECT FROM FROST

CROPS

Ascra_{xpro} may be used on all commercial varieties of winter and spring wheat, triticale, winter rye, barley and oats.

RATE OF USE

Apply Ascra_{xpro} at:

- 1.5 litres per hectare in wheat triticale and winter rye.
- 1.2 litre per hectare in barley and oats

The maximum number of treatments is 2 per crop in wheat, winter rye and triticale and 1 per crop in barley and oats.

APPLICATION

Water volume

Apply Ascra_{xpro} in 100-300 litres water per hectare. The higher spray volumes are recommended where the crop is dense 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.

A spray pressure of 2-3 bar is recommended.

Spray quality

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

Latest Permitted Timing

Up to beginning of flowering (BBCH 61).

Mixing

Thoroughly shake the pack before use.

Add the required quantity of Ascra_{xpro} 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 with water and detergent after 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.

DISEASES CONTROLLED

Wheat

Eyespot*, *Septoria* (leaf and glume blotch), powdery mildew, yellow rust, brown rust, tan spot and ear disease complex* (*Fusarium* ear blight).

*reduction in incidence and severity

Triticale

Eyespot (reduction of the incidence and severity), *Septoria* (leaf and glume blotch), powdery mildew, brown rust and yellow rust.

Barley

Powdery mildew, yellow rust, brown rust, *Rhynchosporium*, net blotch, *Ramularia*.

Winter Rye.

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

Oats

Crown rust.

APPLICATION TIMING

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 (*Mycosphaerella graminicola* and *Stagonospora nodorum*)**

Apply before disease is established in the crop. To protect the upper leaves and ear apply Ascra_{xpro} at full flag leaf emergence up to flowering (GS 61). Where disease pressure remains high application may be repeated.

Applications to upper leaves where *M. graminicola* symptoms are present are likely to be less effective.

Ascra_{xpro} 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 Ascra_{xpro} at the first signs of disease. Where disease pressure remains high, application may be repeated.

Yellow Rust (*Puccinia striiformis*)

Apply Ascra_{xpro} at the first signs of disease. A second application may be made 2-3 weeks later if re-infection occurs. Applications made to established infections are likely to be less effective.

Brown Rust (*Puccinia triticina*, *P. hordei*, *P. recondita*)

Apply Ascra_{xpro} at the first signs of disease. A second application may be made 2-3 weeks later if re-infection occurs. Applications made to established infections are likely to be less effective.

Tan Spot (*Pyrenophora tritici-repentis*)

Apply Ascra_{xpro} at the first signs of disease in spring or early summer. Where disease pressure remains high, application may be repeated.

Crown Rust (*Puccinia coronata*)

Apply Ascra_{xpro} at the first signs of disease. Ascra_{xpro} controls crown rust in winter and spring oats. Applications made to established infections are likely to be less effective

Leaf Blotch (*Rhynchosporium secalis*)

Apply Ascra_{xpro} in spring at the first signs of disease. For severe infections a second application of another effective product may be necessary 2-3 weeks later.

Net Blotch (*Pyrenophora teres*)

Apply Ascra_{xpro} at the first signs of disease in spring/early summer.

Ramularia (*Ramularia collo-cygni*)

Apply Ascra_{xpro} at the first signs of disease. Applications made to established infections are likely to be less effective.

Ear Disease Complex

Apply Ascra_{xpro} soon after ear emergence until the beginning of flowering (GS 59-61) for the reduction in incidence and severity of *Fusarium* ear blight in wheat. Control of ear diseases can result in cleaner, brighter ears.

RESISTANCE STRATEGY

Tank mixtures or alternation with fungicides having a different mode of action against the diseases present have been shown to protect against the development of resistant forms of disease.

No more than two application timings of SDHI inhibitors must be applied to the same cereal crop.

Ascra_{xpro} is a formulated mixture of a triazole fungicide and two SDHIs from different chemical groups.

Do not tank mix Ascra_{xpro} with other SDHI containing fungicide formulations.

Use Ascra_{xpro} as part of an Integrated crop management strategy incorporating use of multisite fungicides within the programme and other non-chemical methods of disease reduction such as use of resistant varieties.

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

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