

Fungicide



Ascra[®] Xpro

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

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.

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.

For Professional use only.

For 24 hour emergency information contact Bayer CropScience Limited

+44 330 678 3382 (24 hr)

(charged as a standard international call to the UK)

National Poisons Information Centre
Dublin: 01 809 2166

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Safety information

ASCRA XPRO

UFI: KJE3-90AP-R005-RJ7F

Contains 65 g/L (6.4% w/w) bixafen, 65 g/L (6.4% w/w) fluopyram, 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 triple rinsed empty 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.

PCS No. 05240

IE85366254g rA2c

GROUP 7 | 3 FUNGICIDES

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SAFETY PRECAUTIONS

Operator Protection

WHEN USING DO NOT EAT,
DRINK OR SMOKE.

WASH HANDS AND EXPOSED
SKIN before meals and after
work.

Avoid breathing spray.

IF ON SKIN: Wash with soap
and water.

Take off contaminated clothing
and wash before reuse.

Collect spillage

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 of 5m to surface water
bodies.

Storage and Disposal

KEEP IN ORIGINAL CONTAINER
tightly closed in a safe place.

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 safely.

Triple rinsed containers should
be punctured to prevent re-use
and may be disposed of by an
authorised contractor or at a
municipal waste recycling site.

DO NOT RE-USE CONTAINER
for any purpose.

Keep out of reach of children.

Keep away from food, drink and
animal feeding stuffs.

PROTECT FROM FROST.



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

www.bayercropscience.ie/sds/ascraxpro.pdf

or alternatively contact your supplier

Authorisation holder: Bayer CropScience Ltd., PO Box 1582,
Cambridge, CB1 0FE, UK

Marketing company: Bayer CropScience Ltd, Bayer Ltd,
1st Floor, The Grange Offices, The Grange, Brewery Road,
Stillorgan, Co. Dublin A94 H2K7 Freephone: 1800 818534

Bayer

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 wheat, barley and oats.

PROTECT FROM FROST

RATE OF USE

Crop	Maximum individual dose	Maximum number of applications	Latest time of application
Winter and spring wheat.	1.5 litres product per hectare	2 per crop	Up to beginning of flowering (BBCH 61).
Winter and spring barley and oats	1.2 litres product per hectare	1 per crop	Up to beginning of flowering (BBCH 61).

Other specific restrictions

A maximum of 2 foliar applications of product(s) containing SDHIs can be applied to any cereal crop.

Method of application: Tractor mounted sprayer

A spray pressure of 2-3 bar is recommended. Apply Ascra_{xpro} in 100-300 litres of water per hectare.

Apply as a medium spray quality.

CROPS

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

APPLICATION

Water volume

Apply Ascra_{xpro} in 100-300 litres of 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 maybe compromised by reducing water volumes, where good spray coverage is difficult to achieve.

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	Barley	Oats
Eyespot (<i>Oculimacula</i> spp.)	R		
<i>Septoria</i> Leaf Blotch (<i>Mycosphaerella graminicola</i>)	C		
Glume Blotch (<i>Septoria nodorum</i>)	C		
Powdery Mildew (<i>Blumeria graminis</i>)	C	C	C
Yellow Rust	C	C	
Brown Rust	C	C	
Crown Rust			C
Tan Spot	C		
<i>Rhynchosporium</i> Leaf blotch		MC	
Net blotch (<i>Pyrenophora teres</i>)		MC	
<i>Ramularia</i> (<i>R. collo-cygni</i>)		MC	
<i>Fusarium</i> Ear blight	MC		

C = Control MC =Moderate control R= Reduction

APPLICATION TIMING

Only one application of Ascra_{xpro} is permitted in barley and oats. For severe infections of foliar diseases a second application of another effective product may be necessary 2-3 weeks later.

The maximum number of treatments is 2 per crop in wheat.

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 (GS 37) 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.

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*), Brown Rust (*P. hordei*)

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

Crown Rust (*P. coronata*)

Apply Ascra_{xpro} at the first signs of disease. 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.

Leaf Blotch (*Rhynchosporium secalis*) and Net Blotch (*Pyrenophora teres*)

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.

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 moderate control of *Fusarium* ear blight in wheat.

RESISTANCE STRATEGY

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

Isolates of certain cereal diseases with decreased sensitivity to DMI fungicides are known to exist. Where these occur or develop Ascra_{xpro} may not give satisfactory control.

Isolates of *Septoria* leaf blotch with reduced sensitivity to SDHI fungicides have been detected. Where such resistant isolates occur, SDHI's are unlikely to give satisfactory control.

Mixtures of two or more SDHI fungicides do not provide an anti-resistance strategy. Each application of such a mixture counts as one SDHI application.

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.

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

Ascra_{xpro} should be used in accordance with the instructions for use for the target diseases at the specific growth stages indicated.

Use Ascra_{xpro} as part of an Integrated Crop Management (ICM) strategy incorporating other methods of control.

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

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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