



Aviator[®] Xpro

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

An emulsifiable concentrate formulation containing 75 g/L (7.4% w/w) bixafen and 150 g/L (14.8% w/w) prothioconazole.

For Professional use only

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Safety information

Aviator_{Xpro}

Contains 75 g/L (7.4% w/w) bixafen, 150 g/L (14.8% w/w) prothioconazole and N,N-Dimethyl decanamide.



Warning

Causes serious eye irritation.
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.

If eye irritation persists: Get medical advice/attention. Dispose of contents/container to a licenced 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 produce an allergic reaction.

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

PCS No. 03687



SAFETY PRECAUTIONS

Operator 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 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.

DO NOT RE-USE CONTAINER for any purpose.

Keep out of reach of children.

Keep away from food, drink and animal feedingstuffs.

PROTECT FROM FROST



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.

Aviator_{xpro} is a mixture of a carboxamide and triazolothione fungicide recommended for control of a wide range of diseases on winter and spring wheat, winter rye and triticale.

RATE OF USE

| Crop | Maximum individual dose | Maximum number of applications | Latest time of application |
|--|---------------------------------|--------------------------------|--|
| Winter and spring wheat, winter rye, triticale | 1.25 litres product per hectare | 2 per crop | Before grain milky ripe stage, (GS 73) |

Method of application: Tractor mounted sprayer.

A spray pressure of 2-3 bar is recommended.

Apply Aviator_{xpro} in 100-300 litres per hectare water. Apply as a medium spray quality.

CROPS

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

APPLICATION

Water volume

Apply Aviator_{xpro} in 100-300 litres per hectare water. 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.

Latest Permitted Timing

In wheat and rye Aviator_{xpro} may be applied at any stage before grain milky ripe stage.

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

www.bayercropscience.ie/sds/aviatorxpro.pdf

or alternatively contact your supplier

aviatoriesds

Bayer



Mixing

Thoroughly shake the pack before use.

Add the required quantity of Aviator_{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 | Triticale | Rye |
|--|-------|-----------|-----|
| Eyespot (<i>Oculimacula</i> spp.) | R | R | R |
| Septoria Leaf Blotch (<i>Mycosphaerella graminicola</i>) | C | C | C |
| Glume Blotch (<i>Septoria nodorum</i>) | C | | C |
| Powdery Mildew (<i>Blumeria graminis</i>) | C | C | C |
| Yellow Rust | C | C | |
| Brown Rust | C | C | C |
| Tan Spot | C | | |
| <i>Fusarium</i> Ear blight | MC | MC | |
| Sooty Moulds | R | R | |
| <i>Rhynchosporium</i> Leaf Blotch | | | C |
| C = Control MC = Moderate control R = Reduction | | | |

DIRECTIONS FOR USE

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 Aviator_{xpro} 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.

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

Yellow Rust (*Puccinia striiformis*)

Apply Aviator_{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. recondita*)

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

Ear Disease Complex

Apply Aviator_{xpro} soon after ear emergence until the end of flowering (GS 59-69) for moderate control of *Fusarium* ear blight in wheat and reduction of sooty moulds. Control of ear diseases can result in cleaner, brighter ears.

Leaf Blotch (*Rhynchosporium secalis*)

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

RESISTANCE STRATEGY

Repeated application of Aviator_{xpro} alone should not be used on the same crop against a high risk pathogen such as cereal powdery mildew. Tank mixtures or alternation with fungicides having a different mode of action (eg morpholines) have been shown to protect against the development of resistant forms of disease.

No more than two applications of SDH inhibitors must be applied to the same cereal crop.

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

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