



# Boogie<sup>®</sup>Plus Xpro

5 L e



**GROUP 7 | 3 | 5 FUNGICIDES**

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

In cereal crops Boogie<sub>xpro</sub><sup>Plus</sup> 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 18835

An emulsifiable concentrate formulation containing 55 g/L bixafen and 110 g/L prothioconazole and 250 g/L spiroxamine.

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

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**BOOGIE<sub>Xpro</sub> Plus**

UFI: 5DH3-003S-U00G-KTFK

Contains 55 g/L bixafen,  
110 g/L prothioconazole,  
250 g/L spiroxamine and  
N,N-Dimethyl decanamide.

**Danger**

Harmful if swallowed or if inhaled

Causes serious eye damage.

May cause respiratory irritation.

May cause damage to organs through prolonged or repeated exposure.

Suspected of damaging the unborn child.

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.

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.

**IMPORTANT INFORMATION FOR USE ONLY AS AN AGRICULTURAL FUNGICIDE**

Crops	Maximum individual dose	Maximum number of treatments	Latest time of application	Aquatic Buffer zone distance
Rye (winter), triticale, wheat (spring), wheat (winter)	1.5 litres per hectare	2 with a 21 day spray interval	Before grain milky ripe stage	6 metres

**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.**



boogiexproplussds

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

[www.cropscience.bayer.co.uk/boogiexproplussds](http://www.cropscience.bayer.co.uk/boogiexproplussds)

or alternatively contact your supplier

PROTECT FROM FROST

**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), FACE PROTECTION (FACESHIELD) AND SUITABLE PROTECTIVE GLOVES ) when handling the concentrate.

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

WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS) AND SUITABLE PROTECTIVE GLOVES when handling 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.

IF YOU FEEL UNWELL, seek medical advice (show the label where possible).

Do not apply by hand held equipment.

## 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.

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.

# 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.

Boogie<sub>xpro</sub><sup>Plus</sup> is a mixture of bixafen (a SDH Inhibitor), prothioconazole (a triazolinthione fungicide) and spiroxamine (a spiroketoalamine) fungicides recommended for control of a wide range of diseases on winter and spring wheat, triticale and winter rye.

## PROTECT FROM FROST

### CROPS

Boogie<sub>xpro</sub><sup>Plus</sup> may be used on all commercial varieties of winter and spring wheat, triticale and winter rye.

### RATE OF USE

Apply Boogie<sub>xpro</sub><sup>Plus</sup> at 1.5 litre per hectare in cereals.

The maximum number of applications is two per crop.

## APPLICATION

### Water volume

Apply Boogie<sub>xpro</sub><sup>Plus</sup> in 100–300 litres 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.

A spray pressure of 2–3 bar is recommended.

Effectiveness using three star drift reduction technology may be reduced.

### Spray quality

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

### Latest Permitted Timing

Boogie<sub>xpro</sub><sup>Plus</sup> may be applied at any stage before grain milky ripe stage.

### Mixing

Thoroughly shake the pack before use.

Add the required quantity of Boogie<sub>xpro</sub><sup>Plus</sup> 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 and triticale

Eyespot (reduction of the incidence and severity in wheat), *Septoria* (leaf and glume blotch), powdery mildew, yellow rust, brown rust, tan spot (in wheat), ear disease complex (*Fusarium* ear blight) and reduction of sooty moulds).

## Rye

Powdery mildew, brown rust, *Rhynchosporium*.

### APPLICATION TIMING

In cereal crops Boogie<sub>Xpro</sub><sup>Plus</sup> 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.

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.

## CEREALS

### 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 Boogie<sub>Xpro</sub><sup>Plus</sup> at full flag leaf emergence 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.

Boogie<sub>Xpro</sub><sup>Plus</sup> 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 Boogie<sub>Xpro</sub><sup>Plus</sup> at the first signs of disease. Where disease pressure remains high application may be repeated.

### Yellow Rust (*Puccinia striiformis*)

Apply Boogie<sub>Xpro</sub><sup>Plus</sup> at the first signs of disease. A second application may be made 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 Boogie<sub>Xpro</sub><sup>Plus</sup> at the first signs of disease. A second application may be made 3 weeks later if re-infection occurs. Applications made to established infections are likely to be less effective.

### Tan Spot (*Pyrenophora tritici-repentis*)

Apply Boogie<sub>Xpro</sub><sup>Plus</sup> at the first signs of disease in spring or early summer. Where disease pressure remains high application may be repeated.

### Ear Disease Complex

Apply Boogie<sub>Xpro</sub><sup>Plus</sup> soon after ear emergence until the end of flowering (GS 59-69) for 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 Boogie<sub>Xpro</sub><sup>Plus</sup> in spring at the first signs of disease. For severe infections a second application may be necessary 3 weeks later.

**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 applications of SDH inhibitors must be applied to the same cereal crop.

Bixafen is a SDH inhibitor and prothioconazole is a triazolinthione (triazole).

**CAUTION:** The possible development of disease strains resistant to Boogie<sub>Xpro</sub><sup>Plus</sup> cannot be excluded or predicted. Where such resistant strains occur, Boogie<sub>Xpro</sub><sup>Plus</sup> is unlikely to give satisfactory control.

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