



# Siltra<sup>®</sup> Xpro

5 L e



## Fungicide

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

### MAPP 15082

An emulsifiable concentrate formulation containing 60 g/L (6.2% w/w) bixafen and 200 g/L (20.2% w/w) prothioconazole.

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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Milton Road, Cambridge, CB4 0WB  
Telephone: 01223 226500

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



#### Safety Information

#### **SILTRA XPRO**

Contains 60 g/L (6.2% w/w)  
bixafen, 200 g/L (20.2% w/w)  
prothioconazole and N,N-  
Dimethyl decanamide



#### **Warning**

Harmful if swallowed.  
May cause an allergic skin reaction.  
May cause respiratory irritation.  
Causes serious eye irritation.  
Very toxic to aquatic life with long lasting effects.

Wear protective gloves/protective clothing/eye protection/  
face protection.  
IF exposed or concerned: Call a POISON CENTER/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**

<b>Crops:</b>	Winter and spring barley, winter and spring oats.
<b>Maximum individual dose:</b>	Winter and spring barley, winter and spring oats: 1.0 litres product per hectare
<b>Maximum number of treatments:</b>	Two per crop
<b>Latest time of application:</b>	Barley and oats: up to beginning of flowering.

**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.**



siltraxprods

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product scan the code or use the link below:

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# 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 in line with LERAP requirements.

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.



## 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.

Siltra<sub>xpro</sub> is a mixture of a carboxamide and triazolinthione fungicide recommended for control of a wide range of diseases on winter and spring barley and winter and spring oats.

PROTECT FROM FROST

### CROPS

Siltra<sub>xpro</sub> may be used on all commercial varieties of winter and spring barley and winter and spring oats.

### RATE OF USE

Apply Siltra<sub>xpro</sub> at 1.0 litre per hectare in cereals.

The maximum number of treatments is two per crop.

### APPLICATION

#### Water volume

Apply Siltra<sub>xpro</sub> 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.

#### Spray quality

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

#### Latest Permitted Timing

In barley and oats Siltra<sub>xpro</sub> may be applied at any stage up to beginning of flowering.

#### Mixing

Thoroughly shake the pack before use.

Add the required quantity of Siltra<sub>xpro</sub> 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

### Barley

Eyespot (reduction of the incidence and severity), powdery mildew, yellow rust, brown rust, ear disease complex (moderate control of *Fusarium* ear blight and reduction of sooty moulds), *Rhynchosporium*, net blotch, *Ramularia*.

### Oats

Eyespot, crown rust and mildew.

## APPLICATION TIMING

### 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).

#### **Powdery Mildew (*Blumeria graminis*)**

Apply Siltra<sub>xpro</sub> at the first signs of disease. Where disease pressure remains high application may be repeated.

#### **Yellow Rust (*Puccinia striiformis*)**

Apply Siltra<sub>xpro</sub> 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 (*P. hordei*)**

Apply Siltra<sub>xpro</sub> 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.

#### **Crown Rust (*Puccinia coronata*)**

Apply Siltra<sub>xpro</sub> at the first signs of disease.

Siltra<sub>xpro</sub> controls crown rust in winter and spring oats. 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.

#### **Ear Disease Complex**

Apply Siltra<sub>xpro</sub> soon after ear emergence up to the beginning of flowering for moderate control of *Fusarium* ear blight in barley and reduction of sooty moulds. Control of ear diseases can result in cleaner, brighter ears.

#### **Leaf Blotch (*Rhynchosporium secalis*)**

Apply Siltra<sub>xpro</sub> in spring at the first signs of disease. For severe infections a second application may be necessary 2-3 weeks later.

### **Net Blotch (*Pyrenophora teres*)**

Apply Siltra<sub>xpro</sub> at the first signs of disease in spring/early summer. For severe infections, a second application 2-3 weeks later will give most effective control when conditions remain favourable for disease development.

### **Ramularia (*Ramularia collo-cygni*)**

Apply Siltra<sub>xpro</sub> at the first signs of disease. Applications made to established infections are likely to be less effective.

### **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

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

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