

Imperis® XE

A fungicide for use in winter and spring wheat (including durum wheat), winter and spring barley, oats, rye and triticale.

An emulsifiable concentrate containing 62.5 g/l (6% w/w) fluxapyroxad.

Risk and Safety Information

Warning

Causes serious eye damage.

Harmful if inhaled.

May cause harm to breast-fed children.

Toxic to aquatic life with long lasting effects.

Use only outdoors or in a well-ventilated area.

If medical advice is needed, have product container or label at hand.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

IF exposed or concerned: Call a POISON CENTRE or doctor/physician.

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.

Contains propanoic acid, 2-hydroxy-, 2-ethylhexyl ester, (2S)-. May cause an allergic reaction.

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

PCS No. : 07021

UFI: SE34-A37Q-100S-8X35

Supplied by:

BASF Ireland DAC, 4th and 5th Floors, 2 Stockport Exchange, Railway Road, Stockport, SK1 3GG, UK Telephone: 00 44 (0)161 475 3000

Emergency Information (24 hours freephone): 0049 180 227 3112

Technical Enquiries: 0044 (0)845 602 2553 (office hours)

Authorisation holder:

BASF plc, 4th and 5th Floors, 2 Stockport Exchange, Railway Road, Stockport, SK1 3GG, UK Telephone: 00 44 (0)161 475 3000



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® = Registered trademark of BASF

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FOR USE ONLY AS AN AGRICULTURAL FUNGICIDE, as directed below:

Crops	Maximum individual dose	Maximum number of treatments	Latest time of application
Wheat (winter), Wheat (spring), Wheat (durum), Triticale, Rye, Barley (winter), Barley (spring), Oats	2 litres product/ha	2 per crop	Before grain watery ripe stage (GS 71)

Other specific restrictions:

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

Apply SDHI fungicides always in mixtures

The mixture partner:

- should provide satisfactory disease control when used alone on the target disease
- must have a different mode of action

READ ALL PRECAUTIONS BEFORE USE.

PRECAUTIONS

Operator protection

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

WEAR SUITABLE PROTECTIVE GLOVES when handling contaminated surfaces.

WHEN USING DO NOT EAT, DRINK OR SMOKE.

WASH HANDS before meals and after work.

IF SWALLOWED, seek medical advice immediately and show this container or label.

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.

STORAGE

DO NOT RE-USE CONTAINER FOR ANY OTHER PURPOSE.

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS.

KEEP OUT OF REACH OF CHILDREN.

STORE 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 container safely.

Store in a suitable pesticide store. Keep dry and 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.

Restrictions/Warnings

For professional use only.

For use by tractor mounted/trailed sprayers only.

Avoid spray drift on to neighbouring crops

After spraying, wash out sprayer thoroughly according to manufacturer's guideline and dispose of washings and clean container according to local authority guidelines.

Disease control

Imperis XE is a fungicide with protectant and systemic properties for use in winter and spring wheat, durum wheat, winter and spring barley, oats, rye and triticale for disease control as summarised below.

	Wheat	Winter barley	Spring barley	Oats	Rye	Triticale
Septoria leaf blotch (<i>Mycosphaerella graminicola</i>)	C	-	-	-	-	C
Brown rust	C	C	C	-	C	C
Yellow rust	MC	MC	MC	-	MC	MC
Crown rust	-	-	-	C	-	-
Net blotch	-	C	C	-	-	-
<i>Rhynchosporium secalis</i> (leaf scald)	-	C	C	-	C	-
Powdery mildew	R	R	-	R	R	R
Tan spot	R	-	-	-	-	-

C = Full Control

MC = Moderate Control

R = Reduction

Resistance Management

GROUP	7	FUNGICIDE
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In order to minimise risk of resistance development, Imperis XE should always be used in mixture with products with a different mode of action at a dose that will give robust control.

Imperis XE should be used in accordance with the instructions for use for the target diseases at the specific growth stages indicated.

Use Imperis XE 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.

Imperis XE must always be tank mixed with another fungicide(s) from different cross resistance group(s)/different mode(s) of action, which when used alone, gives effective control of the same target disease(s). Products should be applied at robust rates. In any tank mix the SDHI should be applied in a balanced mixture

Isolates of *Septoria* leaf blotch with reduced sensitivity to SDHI fungicides have been detected.

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.

Crop Specific Information

Crops

For use in all varieties of winter and spring wheat, durum wheat, winter and spring barley, oats, rye and triticale.

Time of Application

Apply Imperis XE at the start of disease attack. A maximum of 2 applications can be made before grain watery ripe stage in winter and spring wheat, durum wheat, winter and spring barley, rye, triticale, and oats.

Rate of Application

Apply Imperis XE at 2 litres of product per hectare in a water volume of 150 to 300 litres of water per hectare.

Imperis XE may be applied at 2 litres per hectare in 100 litres water per hectare although efficacy at this reduced volume has not been evaluated. Therefore application at 100 litres water per hectare is at user's risk with regard to biological efficacy.

Following Crops

After treating a cereal crop with Imtrex: barley, cabbages, carrots, chicory, clover, dwarf beans, field beans, fodder beet, grass, leeks, lettuces, linseed, maize, oats, oilseed rape, onions, peas, potatoes, radishes, ryegrass, soya beans, spinach, sugar beet, sunflowers, triticale and wheat may be sown as the following crop.

Mixing and Application

Mixing

Half fill the spray tank with clean water and start agitation. Shake the container well before use and pour in the required amount of product. Rinse empty containers thoroughly and add rinsings to the spray tank. Add the remainder of the water and continue agitation until spraying is complete.

When tank mixes are to be used, each product should be added separately to the spray tank, taking due note of any instructions given as to the order of mixing.

Application

Apply as a MEDIUM spray as defined by BCPC.

Compatibility

For information on compatibilities, contact BASF Technical Hotline 0044 (0) 845 602 2553 or visit our website on: www.agricentre.basf.ie

The following does not form part of the product label under S.I. No. 159 of 2012

With many products there is a general risk of resistance developing to the active ingredients. For this reason a change in activity cannot be ruled out. It is generally impossible to predict with certainty how resistance may develop because there are so many crop and use connected ways of influencing this. We therefore have to exclude liability for damage or loss attributable to any such resistance that may develop. To help minimise any loss in activity the BASF recommended rate should in all events be adhered to.

Numerous, particularly regional or regionally attributable, factors can influence the activity of the product. Examples include weather and soil conditions, crop plant varieties, crop rotation, treatment times, application amounts, admixture with other products, appearance of organisms resistant to active ingredients and spraying techniques. Under particular conditions a change in activity or damage to plants cannot be ruled out. The manufacturer or supplier is therefore unable to accept any liability in such circumstances. All goods supplied by us are of high grade and we believe them to be suitable, but as we cannot exercise control over their mixing or use or the weather conditions during and after application, which may affect the performance of the

material, all conditions and warranties, statutory or otherwise, as to the quality or fitness for any purpose of our goods are excluded and no responsibility will be accepted by us for any damage or injury whatsoever arising from their storage, handling, application or use; but nothing should be deemed to exclude or restrict any liability upon us which cannot be excluded or restricted under the provisions of any applicable law.

Additional Product Safety Information

The information on this label is based on the best available information including data from test results.

Safety Data Sheet

To access the Safety Data Sheet for this product scan the QR code or use the weblink below:



agricentre.basf.ie/Imperis-XE-IE/MSDS

Alternatively, contact your supplier.

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