

### Univog



Inatreg active

#### FUNGICIDE

Trademarks of Corteva Agriscience and its affiliated companies

#### GROUP 21|3 FUNGICIDES

#### Product Registration Number: PCS 06462

A selective fungicide for the control of foliar and ear diseases on wheat, durum (wheat, rve, triticale and spelt wheat,

#### FOR PROFESSIONAL USE ONLY

#### READ DIRECTIONS FOR USE ON ATTACHED LEAFLET PROTECT FROM FROST

An emulsifiable concentrate containing 50 g/litre fengicoxamid + 100 g/litre prothioconazole. Inatreg™ is the commonly used name of fenpicoxamid active substance.

#### SAFETY INFORMATION

Univog™ - Contains: 50 g/litre fenpicoxamid + 100 g/litre prothioconazole

#### UFI: XX49-FORU-E009-6KCH

Contains: Reaction mass of N.N-dimethyldecan-1-amide and N,N-dimethyloctanamide; cyclohexanone; Ethoxylated Alcohols, C12 to C15; Ethylhexanol

#### Danger

Causes skin irritation.

Causes serious eye damage.

Very toxic to aquatic life with long lasting effects.
Avoid breathing mist/vapours/spray.
Wear protective gloves/clothing/eye/face protection.

IF ON SKIN: Wash with plenty of water.

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

Dispose of contents / container to a licensed hazardous- waste disposal contractor or collection site except for empty clean triple rinsed 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 06462



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(01462) 457272

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For Technical Enquires Call: | +44 (0) 800 6898899 or. email: ukhotline@corteva.com 24 Hour Emergency | Telephone Number: 076 680 5288 National Poison Centre (Dublin): 01 8092166

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MANDATORY REQUIREMENT: THIS AREA MUST BE BLANK (for 2D Data Matrix, Lot Nr., Manufacturing Date ...)

**NET CONTENTS** 



#### IMPORTANT INFORMATION

FOR USE ONLY AS A PROFESSIONAL FUNGICIDE

Crops	Maximum individual dose (product / hectare/crop)	Maximum number of treatments per crop	Maximum total dose	Latest time of application
Wheat, durum wheat, rye, triticale and spelt wheat	2 litres	1	2 litres/ha	Up to the end of flowering (BBCH 69)

Method of application: Tractor mounted / trailed sprayer

Other specific restrictions:

Do not apply more than one application of any product containing fenpicoxamid to any one crop (see Resistance Management section). Dangerous to bees. To protect bees and pollinating insects do not apply to crop plants when in flower. Do not use where bees are actively foraging. Do not apply when flowering weeds are present.

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 PROTECTON PRODUCTS.

Non-printed area on page 2 ONLY « Label A-code + barcode area »

Non-printed area on page 2 ONLY (on the back of 2D code area printed on the front page)

#### **SAFETY PRECAUTIONS**

#### Operator protection:

Engineering control of operator exposure must be used where reasonably practicable in additional to the following personal protective equipment: WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS), FACE PROTECTION (FACESHIELD/GOGGLES) AND SUITABLE PROTECTIVE GLOVES when handling concentrate.

WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS) AND SUITABLE

PROTECTIVE GLOVES when applying the product.

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

WHEN USING DO NOT EAT, DRINK OR SMOKE.

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

WASH HANDS AND EXPOSED SKIN before meals and after work.

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

#### Environmental protection:

To protect aquatic organisms respect an unsprayed buffer zone of 30m to surface water bodies\*. Direct spray away from water.

\* To reduce this buffer zone please refer Directions of Use (STRIPE - Surface Water Tool for Reducing the Impact of Pesticides in the Environment).

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 and disposal:

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS.

KEEP OUT OF REACH OF CHILDREN.

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 them of filling and dispose of safely.

DO NOT RE-USE CONTAINER for any purpose.

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.

UNIVOQ is a protectant and curative fungicide with translaminar properties for the control of a range of diseases in winter and spring wheat, durum wheat, winter and spring triticale, winter and spring rye and spelt wheat.

#### RESTRICTIONS / WARNINGS

Avoid spray drift on to neighbouring crops.

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

#### DISEASE CONTROL

UNIVOQ is a protectant and curative fungicide with translaminar properties for the control for the control of a broad range of diseases on wheat, durum wheat, spelt wheat, triticale and rye as summarised below:

Pest Species	Wheat	Durum wheat	Triticale	Rye	Spelt
Septoria leaf blotch	C	C	C	-	C
Glume blotch (Stagonospora nodorum)	C	C	С	-	C
Yellow rust	C	C	C	C	C
Brown rust	C	C	-	C	C
Powdery mildew	C	C	C	C	C
Tan spot	C	C	-	-	C
Fusarium ear blight*	MC	MC	MC	MC	MC
Leaf Scald ( <i>Rhyncosporium</i> )	-	-	-	МС	-

<sup>\*</sup>Application of Univoq to ears of wheat can lead to reduction of the levels of the mycotoxin deoxynivalenol (DON) associated with *Fusarium* ear blight infection, but this level of effect may not necessarily lead to reduction of DON below the statutory limit in wheat grain

C = Control

MC= Moderate Control

#### RESISTANCE MANAGEMENT

UNIVOQ is a co-formulated mixture of fenpicoxamid and prothioconazole. Apply UNIVOQ according to the instructions for the target diseases at the specific growth stage indicated. Use UNIVOQ as part of an Integrated Crop Management (ICM) strategy incorporating other methods of control, including where appropriate other fungicides with a different mode of action at a dose that will give robust control.

UNIVOQ contains fenpicoxamid which belongs to FRAC group C4#21 (Inhibition of respiration at complex III; QiI fungicides). In line with FRAC guidelines you must not apply more than one foliar application of products containing Quinone inside Inhibitors (QiI) to any cereal crop. Fenpicoxamid is not cross-resistant to any of the commercial fungicides currently used in cereals. UNIVOQ also contains prothioconazole, a member of the DMI cross resistance group. Strains of Septoria leaf blotch (*Zymoseptoria tritici*) with decreased sensitivity to DMI fungicides are known to exist in Ireland. Where these occur the performance of some products may be seriously affected. For further advice on resistance management in DMI's contact your agronomist or advisor and consult the Fungicide Resistance Action Committee (FRAC) website for additional information.

#### **CROPS**

UNIVOQ may be used on all commercial varieties of winter and spring wheat, durum wheat, rye, triticale and spelt wheat,

#### **Time of Application**

Apply UNIVOQ from growth stage BBCH 30 (beginning of stem elongation). A maximum of one application can be made up to and including the end of flowering (BBCH 69) in wheat, durum wheat, rye, triticale and spelt wheat. Best results will be achieved before disease becomes established in the crop.

#### Rate of Application

Apply 2 litres UNIVOQ in 100 to 300 litres of water per hectare.

A spray pressure of 2-3 bar is recommended. Use of low drift nozzles will not negatively affect the performance of UNIVOQ.

#### **Following Crops**

No following crop restrictions

#### Mixing and Spraying

Half fill the spray tank with clean water and start the agitation. SHAKE THE CONTAINER WELL before use and pour in the required amount of product. Rinse any empty containers thoroughly and add rinsings to the spray tank. Add the remainder of the water and continue agitation until spraying is completed. Spray solution MUST be used on the day of mixing and must NOT be left overnight.

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.

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.

## STRIPE - Surface Water Tool for Reducing the Impact of Pesticides in the Environment

STRIPE is an initiative which allows farmers to reduce the size of mandatory untreated areas of land near water courses (buffer zones) while helping to protect aquatic life from pesticide contamination by reducing exposure.

The buffer zone may be reduced as by the use of low drift nozzles and application rate as per the following table.

	Full rate	75% rate	50% rate
No drift	30m	23m	15m
50% drift reduction	15m	11m	7m
75% drift reduction	7m	6m	4m
90% drift reduction	3m	2m	1m

#### COMPATIBILITY

For details on compatibilities contact your distributor or Corteva technical hotline on +44 (0) 800 689 8899 or <a href="mailto:ukhotline@corteva.com">ukhotline@corteva.com</a>

#### SPRAY TANK CLEAN-OUT

Immediately after application, completely drain spray equipment. Thoroughly rinse sprayer and flush the hoses, boom nozzles with clean water. Loosen and physically remove visible deposits. Remove and clean nozzles, screens and strainers. Flush the entire system with clean water. Take all necessary safety precautions when cleaning equipment. Do not clean near wells or water sources.

Dispose of waste rinse water in accordance with local regulations.

#### TRADEMARK ACKNOWLEDGEMENTS

Univoq is a trademark of Corteva Agriscience and its affiliated companies. All other brand names are trademarks of other manufacturers for which proprietary rights may exist.

**Corteva Agriscience Conditions of Supply** 

All goods supplied by us are of high grade and we believe them to be suitable but, as we cannot exercise control over their storage, handling, mixing or use, or the weather conditions before, during or after application which may affect the performance of the goods, all conditions and warranties, statutory or otherwise, as to the quality or fitness for any purpose of our goods are excluded. No responsibility will be accepted by us or re-sellers for any failure in performance, damage or injury whatsoever arising from their storage, handling, application or use. These conditions cannot be varied by our staff or agents whether or not they supervise or assist in the use of such goods.

For further information please contact Corteva Agriscience.



https://www.corteva.ie/content/dam/dpagco/corteva/eu/ie/en/files/sds/UNIVOQ-IRL-SDS.pdf

To access the Safety Data Sheet for this product scan the code.

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Inatrea active

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contractor or collection site except for empty clean triple rinsed containers which can be disposed of as non-hazardous waste. To avoid risks to human health and the environment, comply with

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#### Authorisation Holder: Corteva Agriscience UK Limited

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