



Universalis®

syngenta®

GROUP 11 M04 FUNGICIDES

Product registration number: MAPP 20603

UFI: 5MQU-62X5-N00Q-M00Q

A suspension concentrate containing 93.5 g/l of azoxystrobin and 500 g/l of folpet for the use as a foliar fungicide on wheat, durum wheat and triticale.

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

In case of toxic or transport emergency ring

01484 538444 (24hr)

Syngenta UK Limited
Jealott's Hill International Research Centre, Bracknell, Berkshire
Tel +44 (0) 1223 883400

**PROTECT FROM FROST
SHAKE WELL BEFORE USE**

SAFETY PRECAUTIONS

(a) Operator protection

WASH CONCENTRATE from skin or eyes immediately.
WASH HANDS AND EXPOSED SKIN before eating and drinking and after work.

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

KEEP OUT OF THE REACH OF CHILDREN

Do not eat, drink or smoke when using the product.

(b) Environmental protection

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.

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.

(c) Storage and disposal

KEEP IN ORIGINAL CONTAINER, tightly closed in a safe place. RINSE CONTAINER THOROUGHLY by using an integrated pressure rinsing devise or manually rinsing three times. Add washings to sprayer at time of filling and dispose of safely.

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This product label is compliant with the CPA Voluntary Initiative (VI) guidance

L1130001 GBRI/12C PPE 4222461

5 litres

Product names marked ® or ™, the ALLIANCE FRAME the SYNGENTA Logo and the PURPOSE ICON are Trademarks of a Syngenta Group Company

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Universalis is a Suspension concentrate containing 93.5 g/l of Azoxystrobin and 500 g/l of Folpet

**Warning**

Harmful if swallowed.

Harmful if inhaled.

Suspected of causing cancer.

Very toxic to aquatic life with long lasting effects.

Obtain special instructions before use.

Avoid breathing mist or vapours.

Wash skin thoroughly after handling.

Wear protective gloves/ protective clothing/ eye protection/ face protection.

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/ doctor if you feel unwell.

Collect spillage.

Dispose of contents/container to a licensed hazardous-waste disposal contractor or collection site except empty clean containers which can be disposed of as non-hazardous waste.

Repeated exposure may cause skin dryness or cracking.

Contains 1,2-benzisothiazol-3-one and folpet. May produce an allergic reaction.

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

MAPP: 20603 UFI: 5MQU-62X5-N00Q-M0Q0

IMPORTANT INFORMATION

FOR USE ONLY AS A PROFESSIONAL FUNGICIDE

Crop	Max. individual dose (L/ha)	Max. number of treatments (per crop)	Latest time of application	Aquatic Buffer Zone (m)
Winter and Spring Wheat, Winter and Spring Triticale, Winter and Spring Durum Wheat	1.5	1	End of flowering (GS 69) and no later than 42 days before harvest.	6

Other Specific Restrictions:

This product must not be applied via hand-held equipment.

To reduce the risk of resistance developing in target diseases the total number of applications of product containing QoI fungicides made to any cereal crop must not exceed two.

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.

This leaflet is part of the approved Product Label.

DIRECTIONS FOR USE SECTION

IMPORTANT: This information is approved as part of the Product Label. All instructions within this section must be carefully read in order to obtain safe and successful use of this product.

GENERAL INFORMATION

Universalis contains azoxystrobin and folpet, two active substances with different modes of action. Azoxystrobin is a broad spectrum fungicide from the strobilurin family and the Quinone outside inhibitor (QoI) group (MoA group 3, FRAC group 11). It has systemic, translaminar and protectant properties. Azoxystrobin inhibits fungal respiration. Its mode of action is different from the action of other fungicidal groups. It should always be used in mixture with fungicides with other modes of action. Folpet is a multi-site contact activity fungicide (MoA group 4, FRAC group M). It has a non-specific mode of action which inhibits cell division in a broad range of crop pathogens.

Universalis shows good crop safety, disease control and maintenance of green leaf area which result in significant yield benefits.

Universalis is best used as a protective treatment or during early stages of disease establishment.

Universalis is approved for application to wheat, triticale and durum wheat up to the end of flowering and no later than 42 days before harvest.

Effectiveness using three star drift reduction technology may be reduced.

DISEASES CONTROLLED

Winter and Spring Wheat

Septoria leaf blotch (*Zymoseptoria tritici*) - Moderate control

Yellow rust (*Puccinia striiformis f.sp. tritici*) - Moderate control

Brown rust (*Puccinia triticina*) - Moderate control

Winter and Spring Triticale

Septoria leaf blotch (*Zymoseptoria tritici*) - Moderate control

Yellow rust (*Puccinia striiformis*) - Moderate control

Brown rust (*Puccinia triticina*) - Moderate control

Winter and Spring Durum Wheat

Septoria leaf blotch (*Zymoseptoria tritici*) - Moderate control

Yellow rust (*Puccinia striiformis f.sp. tritici*) - Moderate control

Brown rust (*Puccinia triticina*) - Moderate control

CROP SPECIFIC INFORMATION

WINTER AND SPRING WHEAT, WINTER AND SPRING DURUM WHEAT AND TRITICALE

Crops and Growing Conditions

Universalis can be used on all varieties of durum wheat, triticale and wheat. Apply Universalis under good growing conditions with adequate soil moisture. Avoid poor growing conditions which may give less reliable results.

Timing

Always inspect crops to assess disease development immediately before spraying. Best results will be achieved from applications made as a protectant treatment or in the earliest stages of disease development following a disease risk assessment or the use of appropriate decision support systems.

Rate of Use

Apply universalis at 1.5 litres per hectare, with a maximum number of 1 application per crop. Universalis should be applied to the cereal crop from BBCH 30 (stem elongation) to BBCH 69 (end of flowering) and no later than 42 days before harvest.

Following Crops

There are no restrictions on succeeding crops in a normal rotation.

MIXING AND SPRAYING

MIXING PROCEDURE

Make sure the sprayer is set to give an even application at the correct volume. Fill the spray tank with half the required volume of water and begin agitation. Add the required amount of Universalis to the spray tank and allow to disperse before adding any other product. Add the rest of the water and continue to agitate the mixture thoroughly. Always agitate during spraying.

SPRAY VOLUME AND APPLICATION

Apply Universalis in a recommended 150 - 400 litres of water per hectare through conventional crop spraying equipment. 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 maybe compromised by reducing water volumes, where good spray coverage is difficult to achieve. A spray pressure of 2-3 bars is recommended.

AFTER SPRAYING

Immediately after use, clean the spray equipment thoroughly. Drain the system completely and rinse spray tank, boom and nozzles three times with clean water until the foam and all traces of product have been removed.

Resistance Management

Universalis contains Azoxystrobin, a member of the QoI cross resistance group 11 and Folpet, a member of the multi-site contact activity group M04. Universalis should be used preventatively and should not be relied on for its curative potential. Use Universalis as part of an Integrated Crop Management (ICM) strategy incorporating other methods of control. You must not apply more than two foliar applications of QoI containing products to any cereal crop. There is a significant risk of widespread resistance occurring in *Septoria tritici* populations in the UK. Failure to follow resistance management action may result in reduced levels of disease control.

To ensure good performance in situations where resistance is present, it is essential to adhere to dosages, spray timings and recommendations by manufacturers and FRAC.

For further advice on resistance management contact your agronomist or specialist advisor and visit the FRAG-UK website.

To access the Safety Data Sheet for this product, scan QR code:



Alternatively, contact your supplier

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