



Elatus[®] Era

GROUP 3 7 FUNGICIDES

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Product registration number: MAPP 17889 **UF:** 8QFS-5537-T007-X51G

ELATUS[®] Era is an emulsifiable concentrate containing 75 g/l (7.4% w/w) benzovindiflupyr and 150 g/l (14.9% w/w) prothioconazole.

For the control of *Zymoseptoria tritici*, Brown rust, Yellow rust, moderate control of *Septoria nodorum* and moderate control of *Fusarium* spp. on winter and spring wheat, the control of Net blotch, Brown rust, *Ramularia collo-cyni* and *Rhynchosporium secalis* on winter and spring barley, the control of *Zymoseptoria tritici*, Brown Rust and *Rhynchosporium secalis* on triticale, the control of Brown rust and *Rhynchosporium secalis* on rye, the control of *Puccinia coronata* on oats, the useful control of *Ascochyta pisi* and moderate control of *Uromyces* sp. on combining peas, the control of *Uromyces* sp. and useful control of *Botrytis* sp. on field beans, the moderate control of *Mycosphaerella linicola* and moderate control of *Golovinomyces orontii* on linseed/flax.

SAFETY PRECAUTIONS

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

WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS) during application.

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.

IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY with plenty of water and seek medical advice.

WASH SPLASHES from skin immediately.

WHEN USING DO NOT EAT, DRINK OR SMOKE.


WASH HANDS AND EXPOSED SKIN before meals and after work.

IN CASE OF ACCIDENT OR IF YOU FEEL UNWELL, seek medical advice immediately (show the label where possible).

(b) Environmental protection

To protect aquatic organisms, respect an unsprayed buffer zone distance 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

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 safely.

KEEP IN ORIGINAL CONTAINER, tightly closed, in a safe place.

EMPTY CONTAINER COMPLETELY and dispose of safely.

In case of toxic or transport emergency ring +44 (0)1484 538444 any time

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

Syngenta UK Limited
Jealott's Hill International Research Centre,
Bracknell, Berkshire, RG42 6EY
Tel: +44 (0) 1223 883400

SHAKE WELL BEFORE USE.
PROTECT FROM FROST.

L1127706 GBRI/10C PPE 4219789

10 litres

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The
Voluntary
Initiative
This product label
is compliant with the
CPA Voluntary Initiative
(V)guidance.

ELATUS® Era

Emulsifiable concentrate containing 75 g/l (7.4% w/w) benzovindiflupyr and 150 g/l (14.9% w/w) prothioconazole.

Warning

Harmful if swallowed.

Causes skin irritation.

May cause an allergic skin reaction.

Causes serious eye damage.

Harmful if inhaled.

May cause respiratory irritation.

Very toxic to aquatic life with long lasting effects.

Keep out of reach of children.

IF ON SKIN: Wash with plenty of soap and water.

IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

Specific treatment (see supplemental first aid instructions on this label).

If skin irritation occurs: Get medical advice/attention.

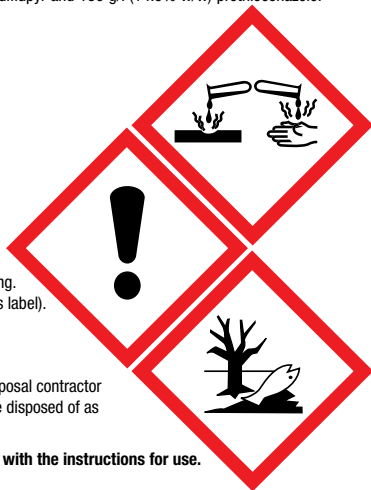
Take off contaminated clothing and wash it before reuse.

Collect spillage.

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.

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**IMPORTANT INFORMATION**

FOR USE ONLY AS A PROFESSIONAL FUNGICIDE

Crop	Maximum individual dose (litres/hectare/crop)	Maximum no. of treatments (per crop)	Latest time of application	Aquatic buffer zone distance (metres)
Winter and spring wheat, rye and triticale	1.0	1	Up to and including anthesis complete (GS 69).	6
Winter and spring barley	1.0	1	Up to and including complete ear emergence (GS 59).	6
Oats	1.0	1	Up to and including end of heading: inflorescence fully emerged (GS 59).	6
Combining peas, field beans	0.66	1	Up to and including 20% of pods have reached typical length (GS 72).	6
Linseed/flax	0.66	1	Up to and including end of flowering (GS 69).	6

Other Specific Restrictions:

The earliest time of application on cereals is GS31.

The earliest time of application on pulses is GS51.

The earliest time of application on linseed/flax is GS32.

No more than two applications of products containing SDH inhibitors must be applied to any cereal crop.

Horizontal boom sprayers must be fitted with three star drift reduction technology for all uses.

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.

This leaflet is part of the approved Product Label.

DIRECTIONS FOR USE

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

Benzovindiflupyr is an orthosubstituted pyrazole carboxamide fungicide belonging to the sub-class of the benzonorbornenes. Benzovindiflupyr is an SDH inhibitor (FRAC group #7 carboxamides). Benzovindiflupyr is predominantly protectant substance.

Prothioconazole is a triazole (DMI) fungicide. Prothioconazole is a systemic fungicide with protectant and curative properties.

ELATUS® Era should be used as a protectant treatment or in the earliest stages of disease development. Consult processor before using on crops for processing.

DISEASES CONTROLLED

Winter and Spring Wheat

Leaf spot (*Zymoseptoria tritici*)

Glume blotch (*Septoria nodorum*) [Moderate control]

Yellow rust (*Puccinia striiformis*)

Brown rust (*Puccinia triticina*)

Fusarium spp. [Moderate control]

Winter and Spring Barley

Net blotch (*Pyrenophora teres*)

Leaf blotch (*Rhynchosporium secalis*)

Brown rust (*Puccinia hordei*)

Ramularia collo-cygni

Triticale

Brown rust (*Puccinia recondita*)

Zymoseptoria tritici.

Leaf blotch (*Rhynchosporium secalis*)

Rye

Brown rust (*Puccinia recondita*)

Leaf blotch (*Rhynchosporium secalis*)

Oats

Crown rust (*Puccinia coronata*)

Combining peas

Ascochyta pisi [Useful control]

Uromyces sp. [Moderate control]

Field beans

Uromyces sp.

Botrytis sp. [Useful control]

Linseed/flax

Mycosphaerelia linicola [Moderate control]

Golovinomyces orontii [Moderate control]

RESISTANCE MANAGEMENT

Use ELATUS Era 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.

You must not apply more than two foliar applications of products containing SDH inhibitors to any cereal crop. Reduced application rates and split applications of SDHI products must not be used. Users should refer to current FRAG-UK guidelines for SDHI compounds.

ELATUS Era contains a DMI fungicide. Resistance to some DMI fungicides has been identified in Septoria leaf blotch (*Zymoseptoria tritici*) which may seriously affect the performance of some products. For further advice on resistance management in DMIs contact your agronomist or specialist advisor, and visit the FRAG-UK website.

Disease control may be reduced if strains of pathogens less sensitive to ELATUS Era develop.

CROP SPECIFIC INFORMATION

Crops and growing conditions

ELATUS ERA can be used on all varieties of winter and spring wheat, winter and spring barley, rye, oats, triticale, combining peas, field beans and linseed/flax. Apply ELATUS ERA under good growing conditions with adequate soil moisture. Avoid poor growing conditions which may give less reliable results. Effectiveness using three star drift reduction technology may be reduced.

Timing

Always inspect crops to assess disease development immediately before spraying. This product should be used 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. ELATUS Era is accepted by BBPA (British Beer and Pubs Association) for use on malting barley provided application is made before the beginning of flowering (GS 61). Latest timing in malting barley is therefore up to and including complete ear emergence (GS 59).

Rates of use

Apply ELATUS Era at 1.0 litres per hectare on cereals.

Apply ELATUS Era at 0.66 litres per hectare on pulses and linseed/flax.

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 ELATUS Era 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 ELATUS Era in a recommended 100 - 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 may be compromised by reducing water volumes, where good spray coverage is difficult to achieve. A spray pressure of 2-3 bars is recommended. Effectiveness may be reduced using three star drift reduction technology.

After Spraying

Thoroughly wash out sprayer three times according to manufacturer's guidelines and dispose of washing and clean containers according to DEFRA Code of Practice and local water authority guidelines.

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



Alternatively, contact your supplier