



# Elatus<sup>®</sup> Era

syngenta.

GROUP **3** **7** FUNGICIDES



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 a wide range of diseases on wheat, barley, oats, rye, triticale, combining peas, field beans and linseed/flax.

#### FOR PROFESSIONAL USE ONLY

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

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

#### Warning

May cause an allergic skin reaction.

Causes serious eye irritation.

May cause respiratory irritation.

Very toxic to aquatic life with long lasting effects.

Avoid breathing mist or vapours.

Wear protective gloves/ 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.

If skin irritation or rash occurs: Get medical advice/ attention.

If eye irritation persists: Get medical advice/ attention.

Collect spillage.

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



PCS No: 05379

UFI: 8QFS-5537-T007-X51G

#### IN CASE OF TOXIC OR TRANSPORT EMERGENCY RING +44 (0) 1484 538444 ANYTIME

Authorisation Holder	Marketing Company
Syngenta UK Limited Jealott's Hill International Research Centre, Bracknell, Berkshire, RG42 6EY Tel: +44 (0) 1223 883400	Syngenta Ireland Limited Block 6, Cleaboy Business Park, Old Kilmeaden Road, Waterford, Ireland, Tel: (051) 377203

PROTECT FROM FROST.  
SHAKE WELL BEFORE USE.

L1126279 IREL/10C PPE 4218008 01/17

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



## 5 litres

**CONDITIONS OF USE**

FOR USE ONLY AS PROFESSIONAL FUNGICIDE

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

**Other Specific Restrictions:**

The earliest time of application on cereals is GS31.

The earliest time of application on combining peas, field beans is GS51.

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

A maximum of 2 foliar applications of product(s) containing SDHIs can be applied to any cereal crop. This product must not be applied via hand-held equipment.

**ADDITIONAL SAFETY INFORMATION****(a) Operator protection**

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.

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).

FOR USE BY TRACTOR MOUNTED/TRAILED SPRAYER ONLY.

**(b) Environmental protection**

To protect aquatic organisms respect an unsprayed buffer zone of 10m to surface waters.\*

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.

\* To reduce this buffer zone please refer to PRCD Guidance - STRIPE (Surface water Tool for Reducing the Impact of Pesticides in the Environment).

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.

## DISEASES CONTROLLED

ELATUS ERA can be used to control the following diseases:

Disease	Wheat	Triticale	Rye	Barley	Oats
Septoria leaf blotch ( <i>Zymoseptoria tritici</i> )	C	C	-	-	-
Glume blotch ( <i>Septoria nodorum</i> )	C	C	-	-	-
Yellow rust ( <i>Puccinia striiformis</i> )	C	C	-	-	-
Brown rust	C	C	C	C	-
Fusarium ear blight ( <i>Fusarium spp.</i> )	R	-	-	-	-
<i>Rhynchosporium secalis</i> (Leaf scald)	-	C	C	C	-
Net blotch ( <i>Pyrenophora teres</i> )	-	-	-	MC	-
<i>Ramularia collo-cygni</i>	-	-	-	MC	-
Crown rust ( <i>Puccinia coronata</i> )	-	-	-	-	MC
<b>C = Control MC = Moderate Control R = Reduction</b>					
<b>Combining peas:</b> Reduction of <i>Ascochyta pisi</i> , moderate control of <i>Uromyces</i> sp					
<b>Field beans:</b> Reduction of <i>Botrytis</i> sp, control of <i>Uromyces</i> sp					
<b>Linseed:</b> Moderate control of <i>Mycosphaerella linicola</i> , moderate control of powdery mildew <i>Golovinomyces orontii</i>					

## RESISTANCE MANAGEMENT

ELATUS ERA should be used in accordance with the instructions for use for the target diseases at the specified growth stages indicated. 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. For further advice on resistance management contact your agronomist or specialist advisor, and visit the FRAG-UK website.

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. 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. Users should refer to current FRAC guidelines for SDHI compounds.

Isolates of *Septoria* leaf blotch with reduced sensitivity to SDHI fungicides have been detected. ELATUS ERA contains a DMI fungicide. Isolates of certain cereal diseases with decreased sensitivity

to DMI fungicides are known to exist. Where these occur or develop ELATUS ERA may not give satisfactory control. Resistance to some DMI fungicides has been identified in *Septoria* leaf blotch (*Zyloseptoria tritici*) which may seriously affect the performance of some products.

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, triticale, oats, 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. 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. 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 combining peas, field beans 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 Quality**

Apply ELATUS ERA using a three star drift reducing nozzle producing a coarse spray quality. A spray pressure of 2-3 bars is recommended.

### **Spray Volume**

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.

### **After Spraying**

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

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



Alternatively, contact your supplier

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