



Elatus™ Plus

syngenta®

ELATUS PLUS is an emulsifiable concentrate containing 100 g/l (10.2% w/w) benzovindiflupyr.
For the control of a wide range of diseases on wheat, barley, oats, rye and triticale.

FOR PROFESSIONAL USE ONLY

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

ELATUS PLUS is an emulsifiable concentrate containing 100 g/l (10.2% w/w) benzovindiflupyr.

Danger.

Harmful if swallowed.

May cause an allergic skin reaction.

Causes serious eye damage.

Harmful if inhaled.

Very toxic to aquatic life with long lasting effects.

Keep out of reach of children.

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

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.

Immediately call a POISON CENTRE/doctor.

Call a POISON CENTRE or doctor/physician if you feel unwell.

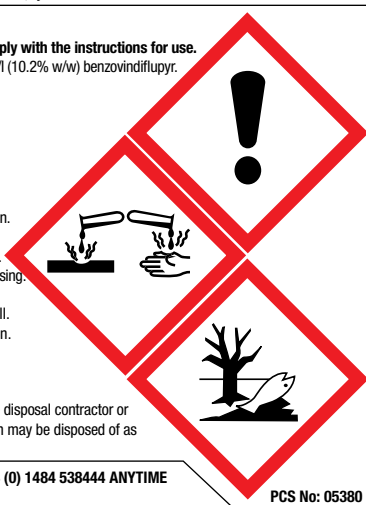
If skin irritation or rash occurs: Get medical advice/ attention.

Take off contaminated clothing and wash before reuse.

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 triple rinsed empty containers which may be disposed of as non-hazardous waste.



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

PROTECT FROM FROST. SHAKE WELL BEFORE USE.

PCS No: 05380

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5 litres

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ELATUS PLUS

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.	0.75	1	Up to and including anthesis complete (GS 69).
Winter and spring barley and oats.	0.75	1	Up to and including complete ear emergence (GS 59).

Other Specific Restrictions:

The earliest time of application is GS31.

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.

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.

WASH SPLASHES from skin immediately.

WHEN USING DO NOT EAT, DRINK OR SMOKE.

WASH HANDS AND EXPOSED SKIN before meals and after work.

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.

ELATUS PLUS should be used as a protectant treatment or in the earliest stages of disease development.

DISEASES CONTROLLED

ELATUS PLUS 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	-
<i>Rhynchosporium secalis</i> (Leaf scald)	-	R	R	R	-
Net blotch (<i>Pyrenophora teres</i>)	-	-	-	MC	-
<i>Ramularia collo-cygni</i>	-	-	-	MC	-
Crown rust (<i>Puccinia coronata</i>)	-	-	-	-	MC

C = Control

MC = Moderate Control

R = Reduction

RESISTANCE MANAGEMENT

ELATUS PLUS 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.

ELATUS PLUS should be used in accordance with the instructions for use for the target diseases at the specified growth stages indicated. Use ELATUS PLUS 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.

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

CROP SPECIFIC INFORMATION

Crops and growing conditions

ELATUS PLUS can be used on all varieties of winter and spring wheat, winter and spring barley, rye, oats and triticale. Apply ELATUS PLUS 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.

Rates of use

Apply ELATUS PLUS at 0.75 litres per hectare.

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 PLUS 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 PLUS 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 using three star drift reduction technology may be reduced.

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.