



Decision on amending the MRLs for benzovindiflupyr in or on spring onions and leeks

MRLs evaluated to support new uses in GB

- GB MRL Decision Number: GB MRL 2022/014
- Date of entry into force: 16 September 2022

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Background

Competent authority

The risk assessment associated with amending the MRLs for Great Britain has been conducted by the Chemicals Regulation Division (CRD) of the Health and Safety Executive (HSE).

Application

Benzovindiflupyr is an approved active substance in Great Britain.

In accordance with Article 6 of Regulation (EC) No 396/2005,¹ HSE received an application from Syngenta Crop Protection AG to amend the existing MRLs for the active substance benzovindiflupyr in or on spring onions and leeks. This was to accommodate new uses in GB.

HSE as the competent authority drew up an Evaluation Report (ER) that included its Reasoned Opinion (RO) on the risk to consumers associated with amending the MRLs.

¹ Retained [Regulation \(EC\) No 396/2005 on maximum residue levels of pesticides in or on food and feed of plant and animal origin](#) (as it applies in Great Britain, pursuant to the European Union (Withdrawal) Act 2018 and European Union (Withdrawal Agreement Act 2020). Great Britain ("GB") refers to England, Scotland and Wales

Conclusion of the competent authority on the risk assessment

The competent authority concluded that the proposed uses of benzovindiflupyr on spring onions and leeks will not result in consumer exposures exceeding the toxicological reference values and therefore is unlikely to have harmful effects on human health.

Full details of the assessment, including the dietary exposure estimates and the list of endpoints, are outlined in the ER/RO (Application Reference Number COP 2019/01747): [Published new and raised GB MRLs list](#)

Decision on the application to amend the MRLs

In accordance with Article 14 of Regulation (EC) No 396/2005, the MRLs outlined in Table 1 will be amended in the GB MRL Statutory Register.

Table 1 MRL to be amended in the GB MRL Statutory Register

Product code	Product	Existing GB MRL (mg/kg)	New or amended GB MRL (mg/kg)	Comment
Enforcement residue definition for products of plant origin: benzovindiflupyr				
0220040	Spring onions/green onions and Welsh onions	0.01*	0.09	The MRL is derived by extrapolation of residue trials on leek. A risk to consumers is unlikely.
0270060	Leeks	0.01*	0.09	The MRL is sufficiently supported by data. A risk to consumers is unlikely.

* Indicates that the MRL is set at the limit of quantification/determination

Date of entry into force

The MRLs shall enter into force and appear in the [GB MRL Statutory Register](#) on 16 September 2022.

The GB MRL Statutory Register should be consulted to verify the MRLs set and the legal provisions established.

All other MRLs remain unchanged in the Register.

The active substance and formulated product

Active substance

ISO common name	Benzovindiflupyr
Chemical name (IUPAC)	N-[(1 <i>RS</i> ,4 <i>SR</i>)-9-(dichloromethylene)-1,2,3,4-tetrahydro-1,4-methanonaphthalen-5-yl]-3-(difluoromethyl)-1-methylpyrazole-4-carboxamide

Formulated product

Product name	Elatus Plus
Formulation type and code	Emulsion Concentrate (EC)
Active substance content	100 g/L
Function	Fungicide
Effective against	Puccinia sp.
Field of use	GB
Application method	Foliar

Full details of the Good Agricultural Practices (GAPs) are outlined in Appendix 1.

Appendix 1 – GAPs supported by the assessment

Active substance: Benzovindiflupyr

Crop and/or situation (a)	GB or Country For Import Tolerance	Product name	F or G Or I (b)	Pests or Group of pests controlled (c)	Preparation		Application				Application rate per treatment			PHI (days) (m)	Remarks
					Type (d-f)	Conc. a.s. (i)	method kind (f-h)	range of growth stages & season (j)	number min-max (k)	Interval between application (min)	kg a.s /hL min-max (l)	Water (L/ha) min-max	kg a.s./ha min-max (l)		
Leeks	GB	Elatus Plus	F	Puccinia sp. (PUCCSP)	EC	100 g/L	Foliar	BBCH 41 - 48	1	n/a	0.008 - 0.017	300 - 600	0.05	21	
Salad onions (Spring onions, Green onions and Welsh onions)	GB	Elatus Plus	F	Puccinia sp. (PUCCSP)	EC	100 g/L	Foliar	BBCH 41 - 48	1	n/a	0.008 - 0.017	300 - 600	0.05	21	

<p>(a) For crops, the GB and Codex classifications (both) should be taken into account; where relevant, the use situation should be described (e.g., fumigation of a structure)</p> <p>(b) State if the use is outdoor, field use (F) or glass house (G) or indoor use (I).</p> <p>(c) e.g. biting and sucking insects, soil born insects, foliar fungi, weeds</p> <p>(d) e.g. wettable powder (WP), emulsifiable concentrate (EC), granule (GR)</p> <p>(e) CropLife International Technical Monograph no 2, 6th Edition. Revised May 2008. Catalogue of pesticide</p> <p>(f) All abbreviations used must be explained</p> <p>(g) Method, e.g. high volume spraying, low volume spraying, spreading, dusting, drench</p> <p>(h) Kind, e.g. overall, broadcast, aerial spraying, row, individual plant, between the plant- type of equipment used must be indicated</p>	<p>(i) g/kg or g/L. Normally the rate should be given for the active substance (according to ISO) and not for the variant in order to compare the rate for same active substances used in different variants (e.g. fluoroxypr). In certain cases, where only one variant is synthesised, it is more appropriate to give the rate for the variant (e.g. benthiavalicarb-isopropyl).</p> <p>(j) Growth stage range from first to last treatment (BBCH Monograph, Growth Stages of Plants, 1997, Blackwell, ISBN 3-8263-3152-4), including where relevant, information on season at time of application</p> <p>(k) Indicate the minimum and maximum number of applications possible under practical conditions of use</p> <p>(l) The values should be given in g or kg whatever gives the more manageable number (e.g. 200 kg/ha instead of 200 000 g/ha or 12.5 g/ha instead of 0.0125 kg/ha)</p> <p>(m) PHI - minimum pre-harvest interval</p>
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