

Decision on amending the MRL for glyphosate in or on borage seeds/ corn gromwell seeds

MRL evaluated to support a new use in GB

- GB MRL Decision Number: GB MRL 2021/007
- Date of entry into force: 22 July 2021

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Background

Competent authority

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

Application

Glyphosate is an approved active substance in Great Britain.

In accordance with Article 6 of Regulation (EC) No 396/2005,¹ HSE received an application to amend the existing MRL for the active substance glyphosate in or on borage seeds/ corn gromwell seeds. The application was to support an extension of authorisation for a minor use.

HSE as the competent authority drew up an Evaluation Report (ER) that included the assessment of the risk to consumers associated with amending the MRL. The ER was submitted to the European Food Safety Authority and a Reasoned Opinion (RO) was delivered, prior to the 1st January 2021.²

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.

² MRLs for ongoing applications are implemented using the transitional provisions outlined in Schedule 1, Part 3 of the S.I 2019 No. 557. [UK Statutory Instrument 2019 No 557](#)

Conclusion of the competent authority on the risk assessment

The competent authority concluded that the proposed use of glyphosate on borage seeds/corn gromwell seeds will not result in consumer exposures exceeding the toxicological reference values and therefore is unlikely to have harmful effects on human health. This conclusion is supported by the RO published by the European Food Safety Authority.

Full details of the assessment, including the dietary exposure estimates and the list of endpoints, are outlined in the EFSA RO.³

³ EFSA (European Food Safety Authority), 2016. Modification of the existing maximum residue levels for glyphosate in borage and corn gromwell seeds. EFSA Journal 2016; 14(4):4468. [EFSA RO on the modification of the existing MRL for glyphosate in borage and corn gromwell seeds](#)

Decision on the application to amend the MRL

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

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

Product code	Product	Existing GB MRL (mg/kg)	New or amended GB MRL (mg/kg)	Comments
Enforcement residue definition for products of plant origin: glyphosate				
0401120	Borage seeds	0.1	10	<p>The MRL is derived by the extrapolation of the residue trials conducted on rapeseeds.</p> <p>The MRL also applies to corn gromwell seeds (code 0401120-001).</p> <p>A risk to consumers is unlikely.</p>

Date of entry into force

The MRL shall enter into force and appear in the [GB MRL Statutory Register](#) on 22 July 2021.

The GB MRL Statutory Register should be consulted to verify the MRL 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	Glyphosate
Chemical name (IUPAC)	N-(phosphonomethyl)glycine

Formulated product

Product name	Roundup Flex
Formulation type and code	Suspension Concentrate (SC)
Active substance content	480 g/L
Function	Herbicide and desiccant
Effective against	Broad leaved weeds
Field of use	Outdoor/GB
Application method	Spraying

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

Appendix 1 – GAP supported by the assessment

PPP (product name and/or code): Roundup Flex

Active substance: Glyphosate

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)		
Corn Gromwell seeds†	GB	Roundup flex	F	Weeds & desiccant	SC	480 g/L	Spray	Seed: < 30 % moisture	1	-	0.576 - 1.44	100 - 250	1.44	14	

† The authorisation request is for use on corn gromwell seeds. As outlined in Part 1 of the GB MRL Statutory Register, the MRL for borage seeds (code 0401120) is listed in Part 1A and applies to corn gromwell seeds (code 0401120-001) listed in Part 1B of the Register

<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. fluoroxypyr). 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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