

**COMMISSION REGULATION (EU) 2021/644****of 15 April 2021****amending Annexes II and III to Regulation (EC) No 396/2005 of the European Parliament and of the Council as regards maximum residue levels for fluxapyroxad, hymexazol, metamitron, penflufen and spirotetramat in or on certain products****(Text with EEA relevance)**

THE EUROPEAN COMMISSION,

Having regard to the Treaty on the Functioning of the European Union,

Having regard to Regulation (EC) No 396/2005 of the European Parliament and of the Council of 23 February 2005 on maximum residue levels of pesticides in or on food and feed of plant and animal origin and amending Council Directive 91/414/EEC <sup>(1)</sup>, and in particular Article 14(1)(a) and Article 49(2) thereof,

Whereas:

- (1) For fluxapyroxad, hymexazol, metamitron and spirotetramat maximum residue levels (MRLs) were set in Part A of Annex III to Regulation (EC) No 396/2005. For penflufen no MRLs were set in Regulation (EC) No 396/2005, and as this active substance is not included in Annex IV to that Regulation, the default value of 0,01 mg/kg laid down in Article 18(1)(b) of Regulation (EC) No 396/2005 applies.
- (2) For fluxapyroxad the European Food Safety Authority ('the Authority'), submitted a reasoned opinion on the review of the existing MRLs in accordance with Article 12(1) of Regulation (EC) No 396/2005 <sup>(2)</sup>. For some products, it recommended raising or keeping the existing MRLs. The MRLs for those products should be set in Annex II to Regulation (EC) No 396/2005 at the level identified by the Authority. The Authority concluded that concerning the MRLs for root and tuber vegetables, bulb vegetables, brassica vegetables, leaf vegetables, herbs and edible flowers, cardoons, celeries, Florence fennels, globe artichokes, leeks, rhubarbs, pulses, cereals, herbal infusions from leaves and herbs, herbal infusions from roots and sugar plants some information was not available and that further consideration by risk managers was required. As there is no risk for consumers, the MRLs for those products should be set in Annex II to Regulation (EC) No 396/2005 at the level identified by the Authority. All of these MRLs will be reviewed; the review will take into account the information available within two years from the publication of this Regulation.
- (3) For hymexazol the Authority submitted a reasoned opinion on the review of the existing MRLs in accordance with Article 12(1) of Regulation (EC) No 396/2005 <sup>(3)</sup>. It recommended lowering the MRL for sugar beet roots. As there is no risk for consumers, this MRL should be set in Annex II to Regulation (EC) No 396/2005 at the level identified by the Authority.
- (4) For metamitron the Authority submitted a reasoned opinion on the review of the existing MRLs in accordance with Article 12(1) of Regulation (EC) No 396/2005 <sup>(4)</sup>. It recommended lowering the existing MRLs for apples, pears, beetroots, carrots, horseradishes, parsnips, parsley roots/Hamburg roots parsley, turnips, onions and sugar beet roots. The MRLs for those products should be set in Annex II to Regulation (EC) No 396/2005 at the level identified by the Authority. The Authority concluded that concerning the MRLs for strawberries, Roman rocket/rucola, baby leaf crops (including brassica species), spinaches and similar leaves, herbal infusions from leaves and herbs, herbal

<sup>(1)</sup> OJ L 70, 16.3.2005, p. 1.

<sup>(2)</sup> European Food Safety Authority; Reasoned opinion on the review of the existing maximum residue levels for fluxapyroxad according to Article 12 of Regulation (EC) No 396/2005. *EFSA Journal* 2020;18(1):5984.

<sup>(3)</sup> European Food Safety Authority; Reasoned opinion on the review of the existing maximum residue levels for hymexazol according to Article 12 of Regulation (EC) No 396/2005. *EFSA Journal* 2019;17(11):5895.

<sup>(4)</sup> European Food Safety Authority; Reasoned opinion on the review of the existing maximum residue levels for metamitron according to Article 12 of Regulation (EC) No 396/2005. *EFSA Journal* 2020;18(1):5959.

infusions from roots, seed spices and fruit spices some information was not available and that further consideration by risk managers was required. As there is no risk for consumers, the MRLs for those products also should be set in Annex II to Regulation (EC) No 396/2005 at the level identified by the Authority. All of these MRLs will be reviewed; the review will take into account the information available within two years from the publication of this Regulation.

- (5) For penflufen the Authority submitted a reasoned opinion on the review of the existing MRLs in accordance with Article 12(1) of Regulation (EC) No 396/2005 <sup>(5)</sup>. It recommended keeping the existing MRL for potatoes. This MRL should be set in Annex II to Regulation (EC) No 396/2005 at the level identified by the Authority.
- (6) For spirotramat the Authority submitted a reasoned opinion on the review of the existing MRLs in accordance with Article 12(1) of Regulation (EC) No 396/2005 <sup>(6)</sup>. It proposed to change the residue definition. It recommended lowering the existing MRLs for citrus fruits, pome fruits, strawberries, table olives, kiwi, avocados, bananas, granate apples/pomegranates, pineapples, other root and tuber vegetables except sugar beets, garlic, shallots, Solanaceae and Malvaceae, witloofs/Belgian endives, olives for oil production and chicory roots. For other products, it recommended raising or keeping the existing MRLs. The MRLs for those products should be set in Annex II to Regulation (EC) No 396/2005 at the level identified by the Authority. The Authority concluded that concerning the MRLs for Brussels sprouts and kohlrabies some information was not available and that further consideration by risk managers was required. As there is no risk for consumers, the MRLs for those products should also be set in Annex II to Regulation (EC) No 396/2005 at the level identified by the Authority. All of these MRLs will be reviewed; the review will take into account the information available within two years from the publication of this Regulation.
- (7) Existing Codex maximum residue limits (CXLs) were taken into account in the reasoned opinions of the Authority. CXLs, which are safe for consumers in the Union were considered for MRL setting.
- (8) As regards products on which the use of the plant protection product concerned is not authorised, and for which no import tolerances or CXLs exist, MRLs should be set at the specific limit of determination (LOD) or the default MRL should apply, as provided for in Article 18(1)(b) of Regulation (EC) No 396/2005.
- (9) The Commission consulted the European Union reference laboratories for residues of pesticides as regards the need to adapt certain LODs. As regards all substances concerned by this regulation, those laboratories concluded that for certain commodities technical development requires the setting of specific LODs.
- (10) In the context of a procedure for the authorisation of the use of a plant protection product containing the active substance spirotramat on 'other small fruits and berries', an application was submitted in accordance with Article 6(1) of Regulation (EC) No 396/2005 for modification of the existing MRLs. In accordance with Article 8 of Regulation (EC) No 396/2005, this application was evaluated by Germany and the evaluation report was forwarded to the Authority and to the Commission. The Authority assessed the evaluation report and gave a reasoned opinion <sup>(7)</sup> on the proposed MRLs. It recommended raising the existing MRLs for those products. The MRLs for those products should be set in Annex II to Regulation (EC) No 396/2005 at the level identified by the Authority.

<sup>(5)</sup> European Food Safety Authority; Reasoned opinion on the review of the existing maximum residue levels for penflufen according to Article 12 of Regulation (EC) No 396/2005. *EFSA Journal* 2019;17(10):5840.

<sup>(6)</sup> European Food Safety Authority; Reasoned opinion on the review of the existing maximum residue levels for spirotramat according to Article 12 of Regulation (EC) No 396/2005. *EFSA Journal* 2020;18(1):5960.

<sup>(7)</sup> Reasoned opinion on the modification of the existing maximum residue levels for spirotramat in small fruits and berries. *EFSA Journal* 2019;17(11):5904.

- (11) In accordance with Article 6(2) and (4) of Regulation (EC) No 396/2005 applications for import tolerances were submitted for fluxapyroxad used in the United States on 'other root and tuber vegetables except sugar beets' and Brazil on coffee beans. The applicants claim that the authorised uses of that substance on such crops in those countries lead to residues exceeding the MRL contained in Regulation (EC) No 396/2005 and that a higher MRL are necessary to avoid trade barriers for the importation of those crops. In accordance with Article 8 of Regulation (EC) No 396/2005, those applications were evaluated by the Member States concerned and the evaluation reports were forwarded to the Authority and to the Commission. The Authority assessed the applications and the evaluation reports, examining in particular the risks to the consumer and, where relevant, to animals and gave reasoned opinions on the proposed MRLs <sup>(8)</sup>. It forwarded those opinions to the applicants, the Commission and the Member States and made them available to the public.
- (12) As regards all applications, the Authority concluded that all requirements with respect to data were met and that the modifications to the MRLs requested by the applicants were acceptable with regard to consumer safety on the basis of a consumer exposure assessment for 27 specific European consumer groups. It took into account the most recent information on the toxicological properties of the substances. Neither the lifetime exposure to these substances via consumption of all food products that may contain them, nor the short-term exposure due to high consumption of the relevant products showed that there is a risk that the acceptable daily intake or the acute reference dose is exceeded.
- (13) Based on the reasoned opinions of the Authority and taking into account the factors relevant to the matter under consideration, the appropriate modifications to the MRLs fulfil the requirements of Article 14(2) of Regulation (EC) No 396/2005.
- (14) Through the World Trade Organisation, the trading partners of the Union were consulted on the new MRLs and their comments have been taken into account.
- (15) Regulation (EC) No 396/2005 should therefore be amended accordingly.
- (16) In order to allow for the normal marketing, processing and consumption of products, this Regulation should provide for a transitional arrangement for products which have been produced before the modification of the MRLs and for which information shows that a high level of consumer protection is maintained.
- (17) A reasonable period should be allowed to elapse before the modified MRLs become applicable in order to permit Member States, third countries and food business operators to prepare themselves to meet the new requirements which will result from the modification of the MRLs.
- (18) The measures provided for in this Regulation are in accordance with the opinion of the Standing Committee on Plants, Animals, Food and Feed,

HAS ADOPTED THIS REGULATION:

#### *Article 1*

Annexes II and III to Regulation (EC) No 396/2005 are amended in accordance with the Annex to this Regulation.

#### *Article 2*

Regulation (EC) No 396/2005 as it stood before being amended by this Regulation shall continue to apply to products which were produced in the Union or imported into the Union before 10 November 2021.

<sup>(8)</sup> Reasoned opinion on the setting of import tolerances for fluxapyroxad in certain root crops and coffee beans. *EFSA Journal* 2020;18(1):5950.

*Article 3*

This Regulation shall enter into force on the twentieth day following that of its publication in the *Official Journal of the European Union*.

It shall apply from 10 November 2021.

This Regulation shall be binding in its entirety and directly applicable in all Member States.

Done at Brussels, 15 April 2021.

*For the Commission*  
*The President*  
Ursula VON DER LEYEN

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## ANNEX

Annexes II and III to Regulation (EC) No 396/2005 are amended as follows:

(1) In Annex II the following columns for fluxapyroxad, hymexazol, metamitron, penflufen and spirotetramat are added:

**'Pesticide residues and maximum residue levels (mg/kg)**

Code number	Groups and examples of individual products to which the MRLs apply <sup>(1)</sup>	Fluxapyroxad (F)	Hymexazol	Metamitron	Penflufen (sum of isomers) (F)	Sum of spirotetramat and spirotetramat-enol, expressed as spirotetramat (R)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
0100000	<b>FRUITS, FRESH or FROZEN; TREE NUTS</b>				<b>0,01 *</b>	
0110000	<b>Citrus fruits</b>		<b>0,02 *</b>	<b>0,01 *</b>		<b>0,5</b>
0110010	Grapefruits	<b>0,4</b>				
0110020	Oranges	0,3				
0110030	Lemons	0,01 *				
0110040	Limes	0,01 *				
0110050	Mandarins	0,01 *				
0110990	Others (2)	0,01 *				
0120000	<b>Tree nuts</b>	0,04	0,05 *	<b>0,01 *</b>		0,5
0120010	Almonds					
0120020	Brazil nuts					
0120030	Cashew nuts					
0120040	Chestnuts					
0120050	Coconuts					
0120060	Hazelnuts/cobnuts					
0120070	Macadamias					
0120080	Pecans					
0120090	Pine nut kernels					
0120100	Pistachios					
0120110	Walnuts					
0120990	Others (2)					

0130000	<b>Pome fruits</b>	0,9	<b>0,02 *</b>			<b>0,7</b>
0130010	Apples			<b>0,02</b>		
0130020	Pears			<b>0,02</b>		
0130030	Quinces			<b>0,01 *</b>		
0130040	Medlars			<b>0,01 *</b>		
0130050	Loquats/Japanese medlars			<b>0,01 *</b>		
0130990	Others (2)			<b>0,01 *</b>		
0140000	<b>Stone fruits</b>		<b>0,02 *</b>	<b>0,01 *</b>		3
0140010	Apricots	<b>1,5</b>				
0140020	Cherries (sweet)	3				
0140030	Peaches	1,5				
0140040	Plums	1,5				
0140990	Others (2)	0,01 *				
0150000	<b>Berries and small fruits</b>		<b>0,02 *</b>			
0151000	(a) <b>grapes</b>	3		<b>0,01 *</b>		2
0151010	Table grapes					
0151020	Wine grapes					
0152000	(b) <b>strawberries</b>	4		<b>0,05 (+)</b>		<b>0,3</b>
0153000	(c) <b>cane fruits</b>	0,01 *		<b>0,01 *</b>		<b>0,02 *</b>
0153010	Blackberries					
0153020	Dewberries					
0153030	Raspberries (red and yellow)					
0153990	Others (2)					
0154000	(d) <b>other small fruits and berries</b>			<b>0,01 *</b>		<b>1,5</b>
0154010	Blueberries	7				
0154020	Cranberries	0,01 *				
0154030	Currants (black, red and white)	0,01 *				
0154040	Gooseberries (green, red and yellow)	0,01 *				
0154050	Rose hips	0,01 *				
0154060	Mulberries (black and white)	0,01 *				
0154070	Azaroles/Mediterranean medlars	0,01 *				
0154080	Elderberries	0,01 *				
0154990	Others (2)	0,01 *				

0160000	<b>Miscellaneous fruitswith</b>			<b>0,01 *</b>		
0161000	<b>(a) edible peel</b>	0,01 *	<b>0,02 *</b>			
0161010	Dates					<b>0,02 *</b>
0161020	Figs					<b>0,02 *</b>
0161030	Table olives					1,5
0161040	Kumquats					<b>0,02 *</b>
0161050	Carambolas					<b>0,02 *</b>
0161060	Kaki/Japanese persimmons					<b>0,4</b>
0161070	Jambuls/jambolans					<b>0,02 *</b>
0161990	Others (2)					<b>0,02 *</b>
0162000	<b>(b) inedible peel, small</b>	0,01 *	<b>0,02 *</b>			
0162010	Kiwi fruits (green, red, yellow)					<b>3</b>
0162020	Litchis/lychees					15
0162030	Passionfruits/maracujas					<b>0,02 *</b>
0162040	Prickly pears/cactus fruits					<b>0,02 *</b>
0162050	Star apples/cainitos					<b>0,02 *</b>
0162060	American persimmons/Virginia kaki					<b>0,02 *</b>
0162990	Others (2)					<b>0,02 *</b>
0163000	<b>(c) inedible peel, large</b>					
0163010	Avocados	0,01 *	0,05 *			<b>0,4</b>
0163020	Bananas	3	<b>0,02 *</b>			<b>0,4</b>
0163030	Mangoes	<b>0,7</b>	<b>0,02 *</b>			0,3
0163040	Papayas	1	<b>0,02 *</b>			0,4
0163050	Granate apples/pomegranates	0,01 *	<b>0,02 *</b>			<b>0,4</b>
0163060	Cherimoyas	0,01 *	<b>0,02 *</b>			<b>0,02 *</b>
0163070	Guavas	0,01 *	<b>0,02 *</b>			2
0163080	Pineapples	0,01 *	<b>0,02 *</b>			<b>0,15</b>
0163090	Breadfruits	0,01 *	<b>0,02 *</b>			<b>0,02 *</b>
0163100	Durians	0,01 *	<b>0,02 *</b>			<b>0,02 *</b>
0163110	Soursops/guanabanas	0,01 *	<b>0,02 *</b>			<b>0,02 *</b>
0163990	Others (2)	0,01 *	<b>0,02 *</b>			<b>0,02 *</b>
0200000	<b>VEGETABLES, FRESH or FROZEN</b>		<b>0,02 *</b>			
0210000	<b>Root and tuber vegetables</b>			<b>0,01 *</b>	<b>0,01 *</b>	
0211000	<b>(a) potatoes</b>	<b>0,3 (+)</b>				0,8

0212000	(b) <b>tropical root and tuber vegetables</b>	<b>0,2 (+)</b>				<b>0,02 *</b>
0212010	Cassava roots/manioc					
0212020	Sweet potatoes					
0212030	Yams					
0212040	Arrowroots					
0212990	Others (2)					
0213000	(c) <b>other root and tuber vegetables except sugar beets</b>	<b>0,9 (+)</b>				<b>0,07</b>
0213010	Beetroots					
0213020	Carrots					
0213030	Celeriacs/turnip rooted celeries					
0213040	Horseradishes					
0213050	Jerusalem artichokes					
0213060	Parsnips					
0213070	Parsley roots/Hamburg roots parsley					
0213080	Radishes					
0213090	Salsifies					
0213100	Swedes/rutabagas					
0213110	Turnips					
0213990	Others (2)					
0220000	<b>Bulb vegetables</b>	(+)		<b>0,01 *</b>	<b>0,01 *</b>	
0220010	Garlic	<b>0,2</b>				<b>0,3</b>
0220020	Onions	<b>0,2</b>				0,4
0220030	Shallots	<b>0,2</b>				<b>0,3</b>
0220040	Spring onions/green onions and Welsh onions	<b>0,7</b>				<b>0,02 *</b>
0220990	Others (2)	<b>0,01 *</b>				<b>0,02 *</b>
0230000	<b>Fruiting vegetables</b>			<b>0,01 *</b>	<b>0,01 *</b>	
0231000	(a) <b>Solanaceae and Malvaceae</b>	0,6				<b>1</b>
0231010	Tomatoes					
0231020	Sweet peppers/bell peppers					
0231030	Aubergines/eggplants					
0231040	Okra/lady's fingers					
0231990	Others (2)					



0232000	<b>(b) cucurbits with edible peel</b>	0,2				0,2
0232010	Cucumbers					
0232020	Gherkins					
0232030	Courgettes					
0232990	Others (2)					
0233000	<b>(c) cucurbits with inedible peel</b>	0,15				0,2
0233010	Melons					
0233020	Pumpkins					
0233030	Watermelons					
0233990	Others (2)					
0234000	<b>(d) sweet corn</b>	0,15				1,5
0239000	<b>(e) other fruiting vegetables</b>	0,01 *				<b>0,02 *</b>
0240000	<b>Brassica vegetables(excluding brassica roots and brassica baby leaf crops)</b>	(+)		<b>0,01 *</b>	<b>0,01 *</b>	
0241000	<b>(a) flowering brassica</b>					1
0241010	Broccoli	<b>2</b>				
0241020	Cauliflowers	<b>0,2</b>				
0241990	Others (2)	<b>0,01 *</b>				
0242000	<b>(b) head brassica</b>					
0242010	Brussels sprouts	<b>0,4</b>				<b>0,3 (+)</b>
0242020	Head cabbages	<b>0,5</b>				2
0242990	Others (2)	<b>0,01 *</b>				<b>0,02 *</b>
0243000	<b>(c) leafy brassica</b>					7
0243010	Chinese cabbages/pe-tsai	<b>4</b>				
0243020	Kales	<b>0,15</b>				
0243990	Others (2)	<b>0,01 *</b>				
0244000	<b>(d) kohlrabies</b>	<b>0,15</b>				<b>1,5 (+)</b>
0250000	<b>Leaf vegetables, herbs and edible flowers</b>					
0251000	<b>(a) lettuces and salad plants</b>	<b>4 (+)</b>			<b>0,01 *</b>	7
0251010	Lamb's lettuces/corn salads			<b>0,01 *</b>		
0251020	Lettuces			<b>0,01 *</b>		
0251030	Escaroles/broad-leaved endives			<b>0,01 *</b>		
0251040	Cresses and other sprouts and shoots			<b>0,01 *</b>		
0251050	Land cresses			<b>0,01 *</b>		

0251060	Roman rocket/rucola			<b>0,03 (+)</b>		
0251070	Red mustards			<b>0,01 *</b>		
0251080	Baby leaf crops (including brassica species)			<b>0,03 (+)</b>		
0251990	Others (2)			<b>0,01 *</b>		
0252000	<b>(b) spinaches and similar leaves</b>	<b>3 (+)</b>		<b>(+)</b>	<b>0,01 *</b>	<b>7</b>
0252010	Spinaches			<b>0,08</b>		
0252020	Purslanes			<b>0,03</b>		
0252030	Chards/beet leaves			<b>0,08</b>		
0252990	Others (2)			<b>0,01 *</b>		
0253000	<b>(c) grape leaves and similar species</b>	<b>0,01 *</b>		<b>0,01 *</b>	<b>0,01 *</b>	<b>0,02 *</b>
0254000	<b>(d) watercresses</b>	<b>0,01 *</b>		<b>0,01 *</b>	<b>0,01 *</b>	<b>7</b>
0255000	<b>(e) witloofs/Belgian endives</b>	<b>6 (+)</b>		<b>0,01 *</b>	<b>0,01 *</b>	<b>0,03</b>
0256000	<b>(f) herbs and edible flowers</b>	<b>3 (+)</b>			<b>0,02 *</b>	<b>4</b>
0256010	Chervil			0,01 *		
0256020	Chives			0,01 *		
0256030	Celery leaves			0,01 *		
0256040	Parsley			0,01 *		
0256050	Sage			0,01 *		
0256060	Rosemary			0,01 *		
0256070	Thyme			<b>0,15</b>		
0256080	Basil and edible flowers			0,01 *		
0256090	Laurel/bay leaves			0,01 *		
0256100	Tarragon			0,01 *		
0256990	Others (2)			0,01 *		
0260000	<b>Legume vegetables</b>			<b>0,01 *</b>	<b>0,01 *</b>	
0260010	Beans (with pods)	<b>2</b>				<b>2</b>
0260020	Beans (without pods)	<b>0,09</b>				<b>1,5</b>
0260030	Peas (with pods)	<b>2</b>				<b>2</b>
0260040	Peas (without pods)	<b>0,3</b>				<b>1,5</b>
0260050	Lentils	<b>0,01 *</b>				<b>1,5</b>
0260990	Others (2)	<b>0,01 *</b>				<b>0,02 *</b>
0270000	<b>Stem vegetables</b>			<b>0,01 *</b>	<b>0,01 *</b>	
0270010	Asparagus	<b>0,01 *</b>				<b>0,02 *</b>
0270020	Cardoons	<b>9 (+)</b>				<b>0,02 *</b>
0270030	Celeries	<b>9 (+)</b>				<b>4</b>
0270040	Florence fennels	<b>9 (+)</b>				<b>4</b>

0270050	Globe artichokes	<b>0,4 (+)</b>				1
0270060	Leeks	<b>0,7 (+)</b>				<b>0,02 *</b>
0270070	Rhubarbs	<b>9 (+)</b>				4
0270080	Bamboo shoots	0,01 *				<b>0,02 *</b>
0270090	Palm hearts	0,01 *				<b>0,02 *</b>
0270990	Others (2)	0,01 *				<b>0,02 *</b>
0280000	<b>Fungi, mosses and lichens</b>	0,01 *		<b>0,01 *</b>	<b>0,01 *</b>	<b>0,02 *</b>
0280010	Cultivated fungi					
0280020	Wild fungi					
0280990	Mosses and lichens					
0290000	<b>Algae and prokaryotes organisms</b>	0,01 *		<b>0,01 *</b>	<b>0,01 *</b>	<b>0,02 *</b>
0300000	<b>PULSES</b>	(+)	<b>0,02 *</b>	<b>0,01 *</b>	<b>0,01 *</b>	2
0300010	Beans	<b>0,3</b>				
0300020	Lentils	<b>0,4</b>				
0300030	Peas	<b>0,4</b>				
0300040	Lupins/lupini beans	<b>0,2</b>				
0300990	Others (2)	<b>0,01 *</b>				
0400000	<b>OILSEEDS AND OIL FRUITS</b>		0,05 *	<b>0,01 *</b>	<b>0,01 *</b>	
0401000	<b>Oilseeds</b>					
0401010	Linseeds	0,9				<b>0,02 *</b>
0401020	Peanuts/groundnuts	0,01 *				<b>0,02 *</b>
0401030	Poppy seeds	0,9				<b>0,02 *</b>
0401040	Sesame seeds	0,9				<b>0,02 *</b>
0401050	Sunflower seeds	<b>0,9</b>				<b>0,02 *</b>
0401060	Rapeseeds/canola seeds	0,9				<b>0,02 *</b>
0401070	Soyabeans	0,15				4
0401080	Mustard seeds	0,9				<b>0,02 *</b>
0401090	Cotton seeds	0,5				0,4
0401100	Pumpkin seeds	0,9				<b>0,02 *</b>
0401110	Safflower seeds	0,9				<b>0,02 *</b>
0401120	Borage seeds	0,9				<b>0,02 *</b>
0401130	Gold of pleasure seeds	0,9				<b>0,02 *</b>
0401140	Hemp seeds	0,9				<b>0,02 *</b>
0401150	Castor beans	0,9				<b>0,02 *</b>
0401990	Others (2)	<b>0,01 *</b>				<b>0,02 *</b>

0402000	<b>Oil fruits</b>					
0402010	Olives for oil production	0,01 *				1,5
0402020	Oil palms kernels	0,01 *				0,02 *
0402030	Oil palms fruits	0,8				0,02 *
0402040	Kapok	0,8				0,02 *
0402990	Others (2)	0,01 *				0,02 *
0500000	<b>CEREALS</b>	(+)	0,02 *	0,01 *	0,01 *	0,02 *
0500010	Barley	3				
0500020	Buckwheat and other pseudocereals	0,01 *				
0500030	Maize/corn	0,01 *				
0500040	Common millet/proso millet	0,01 *				
0500050	Oat	3				
0500060	Rice	5				
0500070	Rye	0,4				
0500080	Sorghum	0,8				
0500090	Wheat	0,4				
0500990	Others (2)	0,01 *				
0600000	<b>TEAS, COFFEE, HERBAL INFUSIONS, COCOA AND CAROBS</b>		0,1 *		0,05 *	
0610000	<b>Teas</b>	0,05 *		0,05 *		0,1 *
0620000	<b>Coffee beans</b>	0,2		0,05 *		0,1 *
0630000	<b>Herbal infusions from</b>					
0631000	(a) <b>flowers</b>	0,05 *		0,05 *		0,1 *
0631010	Chamomile					
0631020	Hibiscus/roselle					
0631030	Rose					
0631040	Jasmine					
0631050	Lime/linden					
0631990	Others (2)					
0632000	(b) <b>leaves and herbs</b>	30 (+)		0,15 (+)		50
0632010	Strawberry					
0632020	Rooibos					
0632030	Mate/maté					
0632990	Others (2)					

0633000	(c) <b>roots</b>	<b>2 (+)</b>		<b>0,05 (+)</b>		0,1 *
0633010	Valerian					
0633020	Ginseng					
0633990	Others (2)					
0639000	(d) <b>any other parts of the plant</b>	<b>0,05 *</b>		<b>0,05 *</b>		0,1 *
0640000	<b>Cocoa beans</b>	<b>0,05 *</b>		<b>0,05 *</b>		0,1 *
0650000	<b>Carobs/Saint John's breads</b>	<b>0,05 *</b>		<b>0,05 *</b>		0,1 *
0700000	<b>HOPS</b>	<b>0,05 *</b>	<b>0,1 *</b>	<b>0,05 *</b>	<b>0,05 *</b>	15
0800000	<b>SPICES</b>					
0810000	<b>Seed spices</b>	<b>0,05 *</b>	<b>0,1 *</b>	<b>0,05 (+)</b>	<b>0,05 *</b>	0,1 *
0810010	Anise/aniseed					
0810020	Black caraway/black cumin					
0810030	Celery					
0810040	Coriander					
0810050	Cumin					
0810060	Dill					
0810070	Fennel					
0810080	Fenugreek					
0810090	Nutmeg					
0810990	Others (2)					
0820000	<b>Fruit spices</b>	<b>0,05 *</b>	<b>0,1 *</b>	<b>0,05 (+)</b>	<b>0,05 *</b>	0,1 *
0820010	Allspice/pimento					
0820020	Sichuan pepper					
0820030	Caraway					
0820040	Cardamom					
0820050	Juniper berry					
0820060	Peppercorn (black, green and white)					
0820070	Vanilla					
0820080	Tamarind					
0820990	Others (2)					
0830000	<b>Bark spices</b>	<b>0,05 *</b>	<b>0,1 *</b>	<b>0,05 *</b>	<b>0,05 *</b>	0,1 *
0830010	Cinnamon					
0830990	Others (2)					

0840000	<b>Root and rhizome spices</b>					
0840010	Liquorice	0,05 *	0,1 *	0,05 *	0,05 *	0,1 *
0840020	Ginger (10)					
0840030	Turmeric/curcuma	0,05 *	0,1 *	0,05 *	0,05 *	0,1 *
0840040	Horseradish (11)					
0840990	Others (2)	0,05 *	0,1 *	0,05 *	0,05 *	0,1 *
0850000	<b>Bud spices</b>	0,05 *	0,1 *	0,05 *	0,05 *	0,1 *
0850010	Cloves					
0850020	Capers					
0850990	Others (2)					
0860000	<b>Flower pistil spices</b>	0,05 *	0,1 *	0,05 *	0,05 *	0,1 *
0860010	Saffron					
0860990	Others (2)					
0870000	<b>Aril spices</b>	0,05 *	0,1 *	0,05 *	0,05 *	0,1 *
0870010	Mace					
0870990	Others (2)					
0900000	<b>SUGAR PLANTS</b>	(+)	0,02 *	0,01 *	0,01 *	
0900010	Sugar beet roots	0,4				0,02 *
0900020	Sugar canes	3				0,02 *
0900030	Chicory roots	0,3				0,07
0900990	Others (2)	0,01 *				0,02 *
1000000	<b>PRODUCTS OF ANIMAL ORIGIN -TERRESTRIAL ANIMALS</b>					
1010000	<b>Commodities from</b>			0,01 *	0,01 *	
1011000	(a) <b>swine</b>					
1011010	Muscle	0,015	0,02 *			0,05
1011020	Fat	0,2	0,01 *			0,02 *
1011030	Liver	0,1	0,02 *			0,7
1011040	Kidney	0,1	0,01 *			0,7
1011050	Edible offals (other than liver and kidney)	0,2	0,02 *			0,7
1011990	Others (2)	0,01 *	0,02 *			0,02 *
1012000	(b) <b>bovine</b>					
1012010	Muscle	0,015	0,02 *			0,05
1012020	Fat	0,2	0,01 *			0,02 *
1012030	Liver	0,1	0,02 *			0,7
1012040	Kidney	0,1	0,01 *			0,7

1012050	Edible offals (other than liver and kidney)	<b>0,2</b>	<b>0,02 *</b>			0,7
1012990	Others (2)	0,01 *	<b>0,02 *</b>			<b>0,02 *</b>
1013000	<b>(c) sheep</b>					
1013010	Muscle	<b>0,015</b>	<b>0,02 *</b>			0,05
1013020	Fat	0,2	<b>0,01 *</b>			<b>0,02 *</b>
1013030	Liver	0,1	<b>0,02 *</b>			0,7
1013040	Kidney	0,1	<b>0,01 *</b>			0,7
1013050	Edible offals (other than liver and kidney)	<b>0,2</b>	<b>0,02 *</b>			0,7
1013990	Others (2)	0,01 *	<b>0,02 *</b>			<b>0,02 *</b>
1014000	<b>(d) goat</b>					
1014010	Muscle	<b>0,015</b>	<b>0,02 *</b>			0,05
1014020	Fat	0,2	<b>0,01 *</b>			<b>0,02 *</b>
1014030	Liver	0,1	<b>0,02 *</b>			0,7
1014040	Kidney	0,1	<b>0,01 *</b>			0,7
1014050	Edible offals (other than liver and kidney)	<b>0,2</b>	<b>0,02 *</b>			0,7
1014990	Others (2)	0,01 *	<b>0,02 *</b>			<b>0,02 *</b>
1015000	<b>(e) equine</b>					
1015010	Muscle	<b>0,015</b>	<b>0,02 *</b>			0,05
1015020	Fat	0,2	<b>0,01 *</b>			<b>0,02 *</b>
1015030	Liver	0,1	<b>0,02 *</b>			0,7
1015040	Kidney	0,1	<b>0,01 *</b>			0,7
1015050	Edible offals (other than liver and kidney)	<b>0,2</b>	<b>0,02 *</b>			0,7
1015990	Others (2)	0,01 *	<b>0,02 *</b>			<b>0,02 *</b>
1016000	<b>(f) poultry</b>					<b>0,02 *</b>
1016010	Muscle	0,02	<b>0,02 *</b>			
1016020	Fat	0,05	<b>0,01 *</b>			
1016030	Liver	0,02	<b>0,02 *</b>			
1016040	Kidney	<b>0,01 *</b>	<b>0,01 *</b>			
1016050	Edible offals (other than liver and kidney)	<b>0,05</b>	<b>0,02 *</b>			
1016990	Others (2)	0,01 *	<b>0,02 *</b>			
1017000	<b>(g) other farmed terrestrial animals</b>					
1017010	Muscle	<b>0,015</b>	<b>0,02 *</b>			0,05
1017020	Fat	0,2	<b>0,01 *</b>			<b>0,02 *</b>

1017030	Liver	0,1	<b>0,02 *</b>			0,7
1017040	Kidney	0,1	<b>0,01 *</b>			0,7
1017050	Edible offals (other than liver and kidney)	<b>0,2</b>	<b>0,02 *</b>			0,7
1017990	Others (2)	0,01 *	<b>0,02 *</b>			<b>0,02 *</b>
1020000	<b>Milk</b>	0,02	<b>0,01 *</b>	<b>0,01 *</b>	<b>0,01 *</b>	<b>0,01 *</b>
1020010	Cattle					
1020020	Sheep					
1020030	Goat					
1020040	Horse					
1020990	Others (2)					
1030000	<b>Birds eggs</b>	0,02	<b>0,02 *</b>	<b>0,01 *</b>	<b>0,01 *</b>	0,01 *
1030010	Chicken					
1030020	Duck					
1030030	Geese					
1030040	Quail					
1030990	Others (2)					
1040000	<b>Honey and other apiculture products (7)</b>	0,05 *	<b>0,05 *</b>	<b>0,05 *</b>	<b>0,05 *</b>	0,05 *
1050000	<b>Amphibians and Reptiles</b>	0,01 *	<b>0,02 *</b>	<b>0,01 *</b>	<b>0,01 *</b>	<b>0,02 *</b>
1060000	<b>Terrestrial invertebrate animals</b>	0,01 *	<b>0,02 *</b>	<b>0,01 *</b>	<b>0,01 *</b>	<b>0,02 *</b>
1070000	<b>Wild terrestrial vertebrate animals</b>	0,01 *	<b>0,02 *</b>	<b>0,01 *</b>	<b>0,01 *</b>	<b>0,02 *</b>
1100000	<b>PRODUCTS OF ANIMAL ORIGIN - FISH, FISHPRODUCTS AND ANY OTHER MARINE AND FRESHWATER FOOD PRODUCTS (8)</b>					
1200000	<b>PRODUCTS OR PART OF PRODUCTS EXCLUSIVELY USED FOR ANIMAL FEED PRODUCTION (8)</b>					
1300000	<b>PROCESSED FOOD PRODUCTS (9)</b>					

\* Limit of analytical determination

(<sup>e</sup>) For the complete list of products of plant and animal origin to which MRLs apply, reference should be made to Annex I.

#### Fluxapyroxad (F)

(F) Fat soluble

(+) The European Food Safety Authority identified some information on residues for rotational crops as unavailable. When re-viewing the MRL, the Commission will take into account the information referred to in the first sentence, if it is submitted by 20 April 2023, or, if that information is not submitted by that date, the lack of it.



**0211000 (a) potatoes**  
**0212000 (b) tropical root and tuber vegetables**  
**0212010 Cassava roots/manioc**  
**0212020 Sweet potatoes**  
**0212030 Yams**  
**0212040 Arrowroots**  
**0212990 Others (2)**  
**0213000 (c) other root and tuber vegetables except sugar beets**  
**0213010 Beetroots**  
**0213020 Carrots**  
**0213030 Celeriacs/turnip rooted celeries**  
**0213040 Horseradishes**  
**0213050 Jerusalem artichokes**  
**0213060 Parsnips**  
**0213070 Parsley roots/Hamburg roots parsley**  
**0213080 Radishes**  
**0213090 Salsifies**  
**0213100 Swedes/rutabagas**  
**0213110 Turnips**  
**0213990 Others (2)**  
**0220000 Bulb vegetables**

- (+) The European Food Safety Authority identified some information on residue trials and on residues for rotational crops as unavailable. When re-viewing the MRL, the Commission will take into account the information referred to in the first sentence, if it is submitted by 20 April 2023, or, if that information is not submitted by that date, the lack of it.

**0220010 Garlic**  
**0220020 Onions**  
**0220030 Shallots**

- (+) The European Food Safety Authority identified some information on residues for rotational crops as unavailable. When re-viewing the MRL, the Commission will take into account the information referred to in the first sentence, if it is submitted by 20 April 2023, or, if that information is not submitted by that date, the lack of it.

**0220040 Spring onions/green onions and Welsh onions**  
**0220990 Others (2)**  
**0240000 Brassica vegetables(excluding brassica roots and brassica baby leaf crops)**  
**0241000 (a) flowering brassica**  
**0241010 Broccoli**  
**0241020 Cauliflowers**  
**0241990 Others (2)**  
**0242000 (b) head brassica**  
**0242010 Brussels sprouts**  
**0242020 Head cabbages**  
**0242990 Others (2)**  
**0243000 (c) leafy brassica**  
**0243010 Chinese cabbages/pe-tsai**  
**0243020 Kales**  
**0243990 Others (2)**  
**0244000 (d) kohlrabies**  
**0251000 (a) lettuces and salad plants**  
**0251010 Lamb's lettuces/corn salads**  
**0251020 Lettuces**  
**0251030 Escaroles/broad-leaved endives**  
**0251040 Cresses and other sprouts and shoots**  
**0251050 Land cresses**  
**0251060 Roman rocket/rucola**  
**0251070 Red mustards**  
**0251080 Baby leaf crops (including brassica species)**  
**0251990 Others (2)**  
**0252000 (b) spinaches and similar leaves**  
**0252010 Spinaches**  
**0252020 Purslanes**  
**0252030 Chards/beet leaves**

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0252990 Others (2)  
0255000 (e) witloofs/Belgian endives  
0256000 (f) herbs and edible flowers  
0256010 Chervil  
0256020 Chives  
0256030 Celery leaves  
0256040 Parsley  
0256050 Sage  
0256060 Rosemary  
0256070 Thyme  
0256080 Basil and edible flowers  
0256090 Laurel/bay leaves  
0256100 Tarragon  
0256990 Others (2)  
0270020 Cardoons  
0270030 Celeries  
0270040 Florence fennels  
0270050 Globe artichokes  
0270060 Leeks  
0270070 Rhubarbs  
0300000 PULSES  
0300010 Beans  
0300020 Lentils  
0300030 Peas  
0300040 Lupins/lupini beans  
0300990 Others (2)  
0500000 CEREALS  
0500010 Barley  
0500020 Buckwheat and other pseudocereals  
0500030 Maize/corn  
0500040 Common millet/proso millet  
0500050 Oat  
0500060 Rice  
0500070 Rye  
0500080 Sorghum  
0500090 Wheat  
0500990 Others (2)

- (+) The European Food Safety Authority identified some information on analytical methods and on residues for rotational crops as unavailable. When re-viewing the MRL, the Commission will take into account the information referred to in the first sentence, if it is submitted by 20 April 2023, or, if that information is not submitted by that date, the lack of it.

0632000 (b) leaves and herbs  
0632010 Strawberry  
0632020 Rooibos  
0632030 Mate/maté  
0632990 Others (2)  
0633000 (c) roots  
0633010 Valerian  
0633020 Ginseng  
0633990 Others (2)

- (+) The European Food Safety Authority identified some information on residues for rotational crops as unavailable. When re-viewing the MRL, the Commission will take into account the information referred to in the first sentence, if it is submitted by 20 April 2023, or, if that information is not submitted by that date, the lack of it.

0900000 SUGAR PLANTS  
0900010 Sugar beet roots  
0900020 Sugar canes  
0900030 Chicory roots  
0900990 Others (2)

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**Metamitron**

- (+) The European Food Safety Authority identified some information on analytical methods, residue trials and storage stability as unavailable. When re-viewing the MRL, the Commission will take into account the information referred to in the first sentence, if it is submitted by 20 April 2023, or, if that information is not submitted by that date, the lack of it.

**0152000 (b) strawberries**

- (+) The European Food Safety Authority identified some information on crop metabolism as unavailable. When re-viewing the MRL, the Commission will take into account the information referred to in the first sentence, if it is submitted by 20 April 2023, or, if that information is not submitted by that date, the lack of it.

**0251060 Roman rocket/rucola****0251080 Baby leaf crops (including brassica species)****0252000 (b) spinaches and similar leaves****0252010 Spinaches****0252020 Purslanes****0252030 Chards/beet leaves****0252990 Others (2)**

- (+) The European Food Safety Authority identified some information on analytical methods, crop metabolism and storage stability as unavailable. When re-viewing the MRL, the Commission will take into account the information referred to in the first sentence, if it is submitted by 20 April 2023, or, if that information is not submitted by that date, the lack of it.

**0632000 (b) leaves and herbs****0632010 Strawberry****0632020 Rooibos****0632030 Mate/maté****0632990 Others (2)****0633000 (c) roots****0633010 Valerian****0633020 Ginseng****0633990 Others (2)**

- (+) The European Food Safety Authority identified some information on residue trials, analytical methods and storage stability as unavailable. When re-viewing the MRL, the Commission will take into account the information referred to in the first sentence, if it is submitted by 20 April 2023, or, if that information is not submitted by that date, the lack of it.

**0810000 Seed spices****0810010 Anise/aniseed****0810020 Black caraway/black cumin****0810030 Celery****0810040 Coriander****0810050 Cumin****0810060 Dill****0810070 Fennel****0810080 Fenugreek****0810090 Nutmeg****0810990 Others (2)****0820000 Fruit spices****0820010 Allspice/pimento****0820020 Sichuan pepper****0820030 Caraway****0820040 Cardamom****0820050 Juniper berry****0820060 Peppercorn (black, green and white)****0820070 Vanilla****0820080 Tamarind****0820990 Others (2)**

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**Penflufen (sum of isomers) (F)**

(F) Fat soluble

**sum of spirotetramat and spirotetramat-enol, expressed as spirotetramat (R)**

(R) = The residue definition differs for the following combinations pesticide-code number:

Spirotetramat - Code 1000000 except 1040000: spirotetramat-enol expressed as spirotetramat

(+) The European Food Safety Authority identified some information on residue trials as unavailable. When re-viewing the MRL, the Commission will take into account the information referred to in the first sentence, if it is submitted by 20 April 2023, or, if that information is not submitted by that date, the lack of it.

**0242010 Brussels sprouts**

**0244000 (d) kohlrabies**

**0244000 (d) kohlrabies'**

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(2) In Part A of Annex III the columns for fluxapyroxad, hymexazol, metamitron and spirotetramat are deleted.

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