

## II

(Non-legislative acts)

## REGULATIONS

## COMMISSION REGULATION (EU) 2019/977

of 13 June 2019

**amending Annexes II and IV to Regulation (EC) No 396/2005 of the European Parliament and of the Council as regards maximum residue levels for aclonifen, *Beauveria bassiana* strain PPRI 5339, *Clonostachys rosea* strain J1446, fenpyrazamine, mefentrifluconazole and penconazole 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 5(1) and Article 14(1)(a) thereof,

Whereas:

- (1) For aclonifen, fenpyrazamine and penconazole, maximum residue levels (MRLs) were set in Annex II to Regulation (EC) No 396/2005. For *Beauveria bassiana* strain PPRI 5339 and mefentrifluconazole, no specific MRLs were set nor were those substances included in Annex IV to that Regulation, so the default value of 0,01 mg/kg laid down in Article 18(1)(b) thereof applies. *Clonostachys rosea* strain J1446 was included in Annex IV to Regulation (EC) No 396/2005 under the entry *Gliocladium catenulatum* strain J1446.
- (2) On 22 July 2017, Codex Alimentarius Commission (CAC) adopted Codex maximum residue limits (CXLs) for penconazole <sup>(2)</sup>. On 6 July 2018, CAC adopted CXLs for fenpyrazamine <sup>(3)</sup>.
- (3) In accordance with Article 5(3) of Regulation (EC) No 178/2002 of the European Parliament and of the Council <sup>(4)</sup>, where international standards exist or their completion is imminent, they are to be taken into consideration in the development or adaptation of food law, except where such standards or relevant parts would be an ineffective or inappropriate means for the fulfilment of the legitimate objectives of food law or where there is a scientific justification, or where they would result in a different level of protection from the one determined as appropriate in the Union. Moreover, in accordance with point (e) of Article 13 of that Regulation, the Union is to promote consistency between international technical standards and food law while ensuring that the high level of protection adopted in the Union is not reduced.

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

<sup>(2)</sup> [http://www.fao.org/fao-who-codexalimentarius/sh-proxy/en?lnk=1&url=https%253A%252F%252Fworkspace.fao.org%252Fsites%252Fcodex%252FMeetings%252FCX-718-49%252FREPORT%252FREPI17\\_Pre.pdf](http://www.fao.org/fao-who-codexalimentarius/sh-proxy/en?lnk=1&url=https%253A%252F%252Fworkspace.fao.org%252Fsites%252Fcodex%252FMeetings%252FCX-718-49%252FREPORT%252FREPI17_Pre.pdf).  
Joint FAO/WHO food standards programme Codex Alimentarius Commission. Appendix III. 40th Session. Geneva, Switzerland, 17-22 July 2017.

<sup>(3)</sup> [http://www.fao.org/fao-who-codexalimentarius/sh-proxy/en?lnk=1&url=https%253A%252F%252Fworkspace.fao.org%252Fsites%252Fcodex%252FMeetings%252FCX-701-41%252FReport%252FFINAL%252FREPI18\\_CACe.pdf](http://www.fao.org/fao-who-codexalimentarius/sh-proxy/en?lnk=1&url=https%253A%252F%252Fworkspace.fao.org%252Fsites%252Fcodex%252FMeetings%252FCX-701-41%252FReport%252FFINAL%252FREPI18_CACe.pdf).  
Joint FAO/WHO food standards programme Codex Alimentarius Commission. Appendix II. Forty-first Session. Rome, Italy, 2-6 July 2018.

<sup>(4)</sup> Regulation (EC) No 178/2002 of the European Parliament and of the Council of 28 January 2002 laying down the general principles and requirements of food law, establishing the European Food Safety Authority and laying down procedures in matters of food safety (OJ L 31, 1.2.2002, p. 1).

- (4) The CXLs for penconazole and fenpyrazamine are safe for consumers in the Union <sup>(5)</sup> and should therefore be included in Regulation (EC) No 396/2005 as MRLs.
- (5) In the context of a procedure for the authorisation of the use of a plant protection product containing the active substance aclonifen on 'herbs and edible flowers' and celeriacs, an application was submitted in accordance with Article 6(1) of Regulation (EC) No 396/2005 for modification of the existing MRLs.
- (6) In accordance with Article 8 of Regulation (EC) No 396/2005, that application was evaluated by the Member State concerned and the evaluation report was forwarded to the Commission.
- (7) The European Food Safety Authority ('the Authority') assessed the application and the evaluation report, examining in particular the risks to the consumer and, where relevant, to animals and gave a reasoned opinion on the proposed MRLs <sup>(6)</sup>. It forwarded that opinion to the applicant, the Commission and the Member State concerned and made it available to the public.
- (8) The Authority concluded that all requirements with respect to data were met and that the modifications to the MRLs requested by the applicant 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 substance. Neither the lifetime exposure to this substance via consumption of all food products that may contain it, 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.
- (9) In the context of the approval of the active substance mefentrifluconazole, an MRL application was included in the summary dossier in accordance with Article 8(1)(g) of Regulation (EC) No 1107/2009 of the European Parliament and of the Council <sup>(7)</sup>. The application was evaluated by the Member State concerned in accordance with Article 11(2) of that Regulation. The Authority assessed the application and delivered a conclusion on the peer review of the pesticide risk assessment of the active substance, where it recommended setting MRLs covering the representative uses on barley, oat, rye and wheat according to Good Agricultural Practices (GAPs) in the Union <sup>(8)</sup>.
- (10) In the context of the renewal of the approval of the active substance *Gliocladium catenulatum* strain J1446, the Authority recommended its inclusion in Annex IV to Regulation (EC) No 396/2005 <sup>(9)</sup>. Due to recent changes in taxonomic rules, the strain J1446 was transferred to the species *Clonostachys rosea*.
- (11) In the context of the approval of the active substance *Beauveria bassiana* strain PPRI 5339, the Authority submitted a conclusion on the peer review of the pesticide risk assessment <sup>(10)</sup>. In that framework, the Authority could not conclude on the dietary risk assessment for consumers as some information was not available and further consideration by risk managers was required. Such further consideration was reflected in the review report <sup>(11)</sup> which concluded that the organism is not pathogenic to humans and no toxins or toxic metabolites are expected to occur in food following the use of the active substance. In view of those conclusions, the Commission considers that *Beauveria bassiana* strain PPRI 5339 should be included in Annex IV to Regulation (EC) No 396/2005.

<sup>(5)</sup> Scientific support for preparing an EU position in the 49th Session of the Codex Committee on Pesticide Residues (CCPR). EFSA Journal 2017;15(7):4929.

Scientific support for preparing an EU position in the 50th Session of the Codex Committee on Pesticide Residues (CCPR). EFSA Journal 2018;16(7):5306.

<sup>(6)</sup> EFSA scientific reports available online: <http://www.efsa.europa.eu>:

Reasoned opinion on the modification of the existing maximum residue levels for aclonifen in celeriacs and certain fresh herbs. EFSA Journal 2019;17(1):5545.

<sup>(7)</sup> Regulation (EC) No 1107/2009 of the European Parliament and of the Council of 21 October 2009 concerning the placing of plant protection products on the market and repealing Council Directives 79/117/EEC and 91/414/EEC (OJ L 309, 24.11.2009, p. 1).

<sup>(8)</sup> Conclusion on the peer review of the pesticide risk assessment of the active substance BAS 750 F (mefentrifluconazole). EFSA Journal 2018;16(7):5379.

<sup>(9)</sup> Conclusion on the Peer review of the pesticide risk assessment of the active substance *Clonostachys rosea* strain J1446 (approved in Regulation (EU) No 540/2011 as *Gliocladium catenulatum* strain J1446). EFSA Journal 2017;15(7):4905.

<sup>(10)</sup> Conclusion on the peer review of the pesticide risk assessment of the active substance *Beauveria bassiana* strain PPRI 5339. EFSA Journal 2018;16(4):5230.

<sup>(11)</sup> Review report for the active substance *Beauveria bassiana* strain PPRI 5339 (SANTE/11265/2018).

- (12) As regards penconazole, several MRLs were modified by Commission Regulation (EU) 2019/89 <sup>(12)</sup>. That Regulation lowers the MRLs for several products to the limit of determination as of 13 August 2019. In the interest of legal certainty, it is appropriate for the MRLs for penconazole, provided for by this Regulation, to apply from the same date.
- (13) Based on the reasoned opinions and the conclusions 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) Regulation (EC) No 396/2005 should therefore be amended accordingly.
- (15) 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 IV to Regulation (EC) No 396/2005 are amended in accordance with the Annex to this Regulation.

*Article 2*

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 however apply from 13 August 2019 for the MRLs for penconazole.

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

Done at Brussels, 13 June 2019.

*For the Commission*  
*The President*  
Jean-Claude JUNCKER

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<sup>(12)</sup> Commission Regulation (EU) 2019/89 of 18 January 2019 amending Annexes II, III and V to Regulation (EC) No 396/2005 of the European Parliament and of the Council as regards maximum residue levels for bromadiolone, etofenprox, paclobutrazol and penconazole in or on certain products (OJ L 22, 24.1.2019, p. 13).

## ANNEX

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

(1) Annex II is amended as follows:

(a) The columns for aclonifen, fenpyrazamine and penconazole are replaced by the following:

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

Code number	Groups and examples of individual products to which the MRLs apply <sup>(4)</sup>	Aclonifen	Fenpyrazamine (F)	Penconazole (sum of constituent isomers) (F)
(1)	(2)	(3)	(4)	(5)
0100000	<b>FRUITS, FRESH or FROZEN; TREE NUTS</b>	0,01 (*)		
0110000	<b>Citrus fruits</b>		0,01 (*)	0,01 (*)
0110010	Grapefruits			
0110020	Oranges			
0110030	Lemons			
0110040	Limes			
0110050	Mandarins			
0110990	Others (2)			
0120000	<b>Tree nuts</b>		0,01 (*)	0,01 (*)
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>		0,01 (*)	
0130010	Apples			0,15 (+)
0130020	Pears			0,15 (+)
0130030	Quinces			0,15 (+)
0130040	Medlars			0,15 (+)
0130050	Loquats/Japanese medlars			0,07 (+)
0130990	Others (2)			0,01 (*)

(1)	(2)	(3)	(4)	(5)
0140000	<b>Stone fruits</b>			
0140010	Apricots		5	0,08 (+)
0140020	Cherries (sweet)		4	0,15 (+)
0140030	Peaches		5	0,15 (+)
0140040	Plums		3	0,09 (+)
0140990	Others (2)		0,01 (*)	0,01 (*)
0150000	<b>Berries and small fruits</b>			
0151000	(a) <i>grapes</i>		3	0,5 (+)
0151010	Table grapes			
0151020	Wine grapes			
0152000	(b) <i>strawberries</i>		3	<b>0,5</b>
0153000	(c) <i>cane fruits</i>		5	
0153010	Blackberries			0,1 (+)
0153020	Dewberries			0,01 (*)
0153030	Raspberries (red and yellow)			0,1 (+)
0153990	Others (2)			0,01 (*)
0154000	(d) <i>other small fruits and berries</i>			
0154010	Blueberries		4	0,01 (*)
0154020	Cranberries		0,01 (*)	0,01 (*)
0154030	Currants (black, red and white)		<b>4</b>	<b>2</b>
0154040	Gooseberries (green, red and yellow)		<b>4</b>	0,1 (+)
0154050	Rose hips		<b>4</b>	0,01 (*)
0154060	Mulberries (black and white)		<b>4</b>	0,01 (*)
0154070	Azaroles/Mediterranean medlars		0,01 (*)	0,01 (*)
0154080	Elderberries		<b>4</b>	0,01 (*)
0154990	Others (2)		0,01 (*)	0,01 (*)
0160000	<b>Miscellaneous fruits with</b>		0,01 (*)	0,01 (*)
0161000	(a) <i>edible peel</i>			
0161010	Dates			
0161020	Figs			
0161030	Table olives			
0161040	Kumquats			
0161050	Carambolas			
0161060	Kaki/Japanese persimmons			
0161070	Jambuls/jambolans			
0161990	Others (2)			
0162000	(b) <i>inedible peel, small</i>			
0162010	Kiwi fruits (green, red, yellow)			
0162020	Litchis/lychees			

(1)	(2)	(3)	(4)	(5)
0162030	Passionfruits/maracujas			
0162040	Prickly pears/cactus fruits			
0162050	Star apples/cainitos			
0162060	American persimmons/Virginia kaki			
0162990	Others (2)			
0163000	(c) <i>inedible peel, large</i>			
0163010	Avocados			
0163020	Bananas			
0163030	Mangoes			
0163040	Papayas			
0163050	Granate apples/pomegranates			
0163060	Cherimoyas			
0163070	Guavas			
0163080	Pineapples			
0163090	Breadfruits			
0163100	Durians			
0163110	Soursops/guanabanas			
0163990	Others (2)			
0200000	<b>VEGETABLES, FRESH or FROZEN</b>			
0210000	<b>Root and tuber vegetables</b>		0,01 (*)	0,01 (*)
0211000	(a) <i>potatoes</i>	0,02 (*)		
0212000	(b) <i>tropical root and tuber vegetables</i>	0,01 (*)		
0212010	Cassava roots/manioc			
0212020	Sweet potatoes			
0212030	Yams			
0212040	Arrowroots			
0212990	Others (2)			
0213000	(c) <i>other root and tuber vegetables except sugar beets</i>			
0213010	Beetroots	0,01 (*)		
0213020	Carrots	0,08		
0213030	Celeriacs/turnip rooted celeries	<b>0,3</b>		
0213040	Horseradishes	0,07		
0213050	Jerusalem artichokes	0,1		
0213060	Parsnips	0,1		
0213070	Parsley roots/Hamburg roots parsley	0,01 (*)		
0213080	Radishes	0,01 (*)		
0213090	Salsifies	0,01 (*)		
0213100	Swedes/rutabagas	0,01 (*)		
0213110	Turnips	0,01 (*)		
0213990	Others (2)	0,01 (*)		

(1)	(2)	(3)	(4)	(5)
0220000	<b>Bulb vegetables</b>		0,01 (*)	0,01 (*)
0220010	Garlic	0,02 (*)		
0220020	Onions	0,02 (*)		
0220030	Shallots	0,02 (*)		
0220040	Spring onions/green onions and Welsh onions	0,01 (*)		
0220990	Others (2)	0,01 (*)		
0230000	<b>Fruiting vegetables</b>			
0231000	(a) <i>Solanaceae and Malvaceae</i>			
0231010	Tomatoes	0,01 (*)	3	0,1 (+)
0231020	Sweet peppers/bell peppers	0,02 (*) (+)	3	<b>0,2</b>
0231030	Aubergines/eggplants	0,01 (*)	3	0,1 (+)
0231040	Okra/lady's fingers	0,01 (*)	0,01 (*)	0,01 (*)
0231990	Others (2)	0,01 (*)	0,01 (*)	0,01 (*)
0232000	(b) <i>cucurbits with edible peel</i>	0,01 (*)	0,7	0,06
0232010	Cucumbers			
0232020	Gherkins			
0232030	Courgettes			
0232990	Others (2)			
0233000	(c) <i>cucurbits with inedible peel</i>	0,01 (*)	0,01 (*)	<b>0,15</b>
0233010	Melons			
0233020	Pumpkins			(+)
0233030	Watermelons			(+)
0233990	Others (2)			
0234000	(d) <i>sweet corn</i>	0,02 (*)	0,01 (*)	0,01 (*)
0239000	(e) <i>other fruiting vegetables</i>	0,01 (*)	0,01 (*)	0,01 (*)
0240000	<b>Brassica vegetables (excluding brassica roots and brassica baby leaf crops)</b>	0,01 (*)	0,01 (*)	0,01 (*)
0241000	(a) <i>flowering brassica</i>			
0241010	Broccoli			
0241020	Cauliflowers			
0241990	Others (2)			
0242000	(b) <i>head brassica</i>			
0242010	Brussels sprouts			
0242020	Head cabbages			
0242990	Others (2)			
0243000	(c) <i>leafy brassica</i>			
0243010	Chinese cabbages/pe-tsai			
0243020	Kales			
0243990	Others (2)			
0244000	(d) <i>kohlrabies</i>			

(1)	(2)	(3)	(4)	(5)
0250000	<b>Leaf vegetables, herbs and edible flowers</b>			
0251000	(a) <i>lettuces and salad plants</i>	0,01 (*)		0,01 (*)
0251010	Lamb's lettuces/corn salads		8	
0251020	Lettuces		8	
0251030	Escaroles/broad-leaved endives		4	
0251040	Cresses and other sprouts and shoots		8	
0251050	Land cresses		8	
0251060	Roman rocket/rucola		8	
0251070	Red mustards		8	
0251080	Baby leaf crops (including brassica species)		0,01 (*)	
0251990	Others (2)		0,01 (*)	
0252000	(b) <i>spinaches and similar leaves</i>	0,01 (*)	8	0,01 (*)
0252010	Spinaches			
0252020	Purslanes			
0252030	Chards/beet leaves			
0252990	Others (2)			
0253000	(c) <i>grape leaves and similar species</i>	0,01 (*)	0,01 (*)	0,01 (*)
0254000	(d) <i>watercresses</i>	0,01 (*)	0,01 (*)	0,01 (*)
0255000	(e) <i>witloofs/Belgian endives</i>	0,01 (*)	0,01 (*)	0,01 (*)
0256000	(f) <i>herbs and edible flowers</i>	<b>0,8</b>	0,02 (*)	0,02 (*)
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)			
0260000	<b>Legume vegetables</b>		0,01 (*)	0,01 (*)
0260010	Beans (with pods)	0,08		
0260020	Beans (without pods)	0,02 (*)		
0260030	Peas (with pods)	0,08		
0260040	Peas (without pods)	0,01 (*)		
0260050	Lentils	0,02		
0260990	Others (2)	0,01 (*)		



(1)	(2)	(3)	(4)	(5)
0270000	<b>Stem vegetables</b>		0,01 (*)	
0270010	Asparagus	0,01 (*)		0,01 (*)
0270020	Cardoons	0,01 (*)		0,01 (*)
0270030	Celeries	0,01 (*)		0,01 (*)
0270040	Florence fennels	0,01 (*)		0,01 (*)
0270050	Globe artichokes	0,02 (*)		<b>0,06</b>
0270060	Leeks	0,01 (*)		0,01 (*)
0270070	Rhubarbs	0,01 (*)		0,01 (*)
0270080	Bamboo shoots	0,01 (*)		0,01 (*)
0270090	Palm hearts	0,01 (*)		0,01 (*)
0270990	Others (2)	0,01 (*)		0,01 (*)
0280000	<b>Fungi, mosses and lichens</b>	0,01 (*)	0,01 (*)	0,01 (*)
0280010	Cultivated fungi			
0280020	Wild fungi			
0280990	Mosses and lichens			
0290000	<b>Algae and prokaryotes organisms</b>	0,01 (*)	0,01 (*)	
0300000	<b>PULSES</b>		0,01 (*)	0,01 (*)
0300010	Beans	0,08		
0300020	Lentils	0,08		
0300030	Peas	0,08		
0300040	Lupins/lupini beans	0,01 (*)		
0300990	Others (2)	0,01 (*)		
0400000	<b>OILSEEDS AND OIL FRUITS</b>		0,01 (*)	0,01 (*)
0401000	<b>Oilseeds</b>			
0401010	Linseeds	0,01 (*)		
0401020	Peanuts/groundnuts	0,01 (*)		
0401030	Poppy seeds	0,01 (*)		
0401040	Sesame seeds	0,01 (*)		
0401050	Sunflower seeds	0,02 (*)		
0401060	Rapeseeds/canola seeds	0,01 (*)		
0401070	Soyabeans	0,01 (*)		
0401080	Mustard seeds	0,01 (*)		
0401090	Cotton seeds	0,01 (*)		
0401100	Pumpkin seeds	0,01 (*)		
0401110	Safflower seeds	0,01 (*)		
0401120	Borage seeds	0,01 (*)		
0401130	Gold of pleasure seeds	0,01 (*)		
0401140	Hemp seeds	0,01 (*)		
0401150	Castor beans	0,01 (*)		
0401990	Others (2)	0,01 (*)		

(1)	(2)	(3)	(4)	(5)
0402000	<b>Oil fruits</b>	0,01 (*)		
0402010	Olives for oil production			
0402020	Oil palms kernels			
0402030	Oil palms fruits			
0402040	Kapok			
0402990	Others (2)			
0500000	<b>CEREALS</b>	0,01 (*)	0,01 (*)	0,01 (*)
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)			
0600000	<b>TEAS, COFFEE, HERBAL INFUSIONS, COCOA AND CARBOHS</b>			0,05 (*)
0610000	<b>Teas</b>	0,05 (*)	0,05 (*)	
0620000	<b>Coffee beans</b>	0,05 (*)	0,05 (*)	
0630000	<b>Herbal infusions from</b>			
0631000	(a) <i>flowers</i>	0,08 (+)	0,05 (*)	
0631010	Chamomile			
0631020	Hibiscus/roselle			
0631030	Rose			
0631040	Jasmine			
0631050	Lime/linden			
0631990	Others (2)			
0632000	(b) <i>leaves and herbs</i>	0,08 (+)	0,05 (*)	
0632010	Strawberry			
0632020	Rooibos			
0632030	Mate/maté			
0632990	Others (2)			
0633000	(c) <i>roots</i>	0,05 (*)		
0633010	Valerian		0,05 (*)	
0633020	Ginseng		<b>0,7</b>	
0633990	Others (2)		0,05 (*)	
0639000	(d) <i>any other parts of the plant</i>	0,05 (*)	0,05 (*)	

(1)	(2)	(3)	(4)	(5)
0640000	<b>Cocoa beans</b>	0,05 (*)	0,05 (*)	
0650000	<b>Carobs/Saint John's breads</b>	0,05 (*)	0,05 (*)	
0700000	<b>HOPS</b>	0,05 (*)	0,05 (*)	0,05 (*)
0800000	<b>SPICES</b>			
0810000	<b>Seed spices</b>	0,01 (*) (+)	0,05 (*)	0,05 (*)
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>	0,01 (*) (+)	0,05 (*)	0,05 (*)
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>	0,05 (*)	0,05 (*)	0,05 (*)
0830010	Cinnamon			
0830990	Others (2)			
0840000	<b>Root and rhizome spices</b>			
0840010	Liquorice	0,05 (*)	0,05 (*)	0,05 (*)
0840020	Ginger (10)	0,05 (*)	0,05 (*)	0,05 (*)
0840030	Turmeric/curcuma	0,05 (*)	0,05 (*)	0,05 (*)
0840040	Horseradish (11)			
0840990	Others (2)	0,05 (*)	0,05 (*)	0,05 (*)
0850000	<b>Bud spices</b>	0,05 (*)	0,05 (*)	0,05 (*)
0850010	Cloves			
0850020	Capers			
0850990	Others (2)			

(1)	(2)	(3)	(4)	(5)
0860000	<b>Flower pistil spices</b>	0,05 (*)	0,05 (*)	0,05 (*)
0860010	Saffron			
0860990	Others (2)			
0870000	<b>Aril spices</b>	0,05 (*)	0,05 (*)	0,05 (*)
0870010	Mace			
0870990	Others (2)			
0900000	<b>SUGAR PLANTS</b>	0,01 (*)	0,01 (*)	0,01 (*)
0900010	Sugar beet roots			
0900020	Sugar canes			
0900030	Chicory roots			
0900990	Others (2)			
1000000	<b>PRODUCTS OF ANIMAL ORIGIN -TERRESTRIAL ANIMALS</b>			
1010000	<b>Commodities from</b>	0,01 (*)		
1011000	(a) <i>swine</i>			<b>0,05</b>
1011010	Muscle		<b>0,02 (*)</b>	
1011020	Fat		<b>0,02 (*)</b>	
1011030	Liver		<b>0,05</b>	
1011040	Kidney		<b>0,05</b>	
1011050	Edible offals (other than liver and kidney)		<b>0,05</b>	
1011990	Others (2)		0,01 (*)	
1012000	(b) <i>bovine</i>			<b>0,05</b>
1012010	Muscle		<b>0,02 (*)</b>	
1012020	Fat		<b>0,02 (*)</b>	
1012030	Liver		<b>0,05</b>	
1012040	Kidney		<b>0,05</b>	
1012050	Edible offals (other than liver and kidney)		<b>0,05</b>	
1012990	Others (2)		0,01 (*)	
1013000	(c) <i>sheep</i>			<b>0,05</b>
1013010	Muscle		<b>0,02 (*)</b>	
1013020	Fat		<b>0,02 (*)</b>	
1013030	Liver		<b>0,05</b>	
1013040	Kidney		<b>0,05</b>	
1013050	Edible offals (other than liver and kidney)		<b>0,05</b>	
1013990	Others (2)		0,01 (*)	
1014000	(d) <i>goat</i>			<b>0,05</b>
1014010	Muscle		<b>0,02 (*)</b>	
1014020	Fat		<b>0,02 (*)</b>	

(1)	(2)	(3)	(4)	(5)
1014030	Liver		<b>0,05</b>	
1014040	Kidney		<b>0,05</b>	
1014050	Edible offals (other than liver and kidney)		<b>0,05</b>	
1014990	Others (2)		0,01 (*)	
1015000	(e) <i>equine</i>			<b>0,05</b>
1015010	Muscle		<b>0,02</b> (*)	
1015020	Fat		<b>0,02</b> (*)	
1015030	Liver		<b>0,05</b>	
1015040	Kidney		<b>0,05</b>	
1015050	Edible offals (other than liver and kidney)		<b>0,05</b>	
1015990	Others (2)		0,01 (*)	
1016000	(f) <i>poultry</i>		0,01 (*)	
1016010	Muscle			<b>0,05</b>
1016020	Fat			0,01 (*)
1016030	Liver			<b>0,05</b>
1016040	Kidney			<b>0,05</b>
1016050	Edible offals (other than liver and kidney)			<b>0,05</b>
1016990	Others (2)			0,01 (*)
1017000	(g) <i>other farmed terrestrial animals</i>			<b>0,05</b>
1017010	Muscle		<b>0,02</b> (*)	
1017020	Fat		<b>0,02</b> (*)	
1017030	Liver		<b>0,05</b>	
1017040	Kidney		<b>0,05</b>	
1017050	Edible offals (other than liver and kidney)		<b>0,05</b>	
1017990	Others (2)		0,01 (*)	
1020000	<b>Milk</b>	0,01 (*)	0,01 (*)	0,01 (*)
1020010	Cattle			
1020020	Sheep			
1020030	Goat			
1020040	Horse			
1020990	Others (2)			
1030000	<b>Birds eggs</b>	0,01 (*)	0,01 (*)	<b>0,05</b>
1030010	Chicken			
1030020	Duck			
1030030	Geese			
1030040	Quail			
1030990	Others (2)			

(1)	(2)	(3)	(4)	(5)
1040000	<b>Honey and other apiculture products (7)</b>	0,05 (*)	0,05 (*)	0,05 (*)
1050000	<b>Amphibians and Reptiles</b>	0,01 (*)	0,01 (*)	0,01 (*)
1060000	<b>Terrestrial invertebrate animals</b>	0,01 (*)	0,01 (*)	0,01 (*)
1070000	<b>Wild terrestrial vertebrate animals</b>	0,01 (*)	<b>0,02 (*)</b>	<b>0,05</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>a</sup>) For the complete list of products of plant and animal origin to which MRLs apply, reference should be made to Annex I.

(F) = Fat soluble

#### **Aclonifen**

(+) 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 18 October 2018, or, if that information is not submitted by that date, the lack of it.

##### **0231020 Sweet peppers/bell peppers**

(+) The European Food Safety Authority identified some information on analytical methods 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 18 October 2018, or, if that information is not submitted by that date, the lack of it.

##### **0631000 (a) flowers**

##### **0632000 (b) leaves and herbs**

##### **0810000 Seed spices**

##### **0820000 Fruit spices**

#### **Penconazole (sum of constituent isomers) (F)**

(+) The European Food Safety Authority identified some information on crop metabolism and 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 24 January 2021, or, if that information is not submitted by that date, the lack of it.

##### **0130010 Apples**

##### **0130020 Pears**

##### **0130030 Quinces**

##### **0130040 Medlars**

##### **0130050 Loquats/Japanese medlars**

##### **0140010 Apricots**

##### **0140020 Cherries (sweet)**

##### **0140030 Peaches**

##### **0140040 Plums**

##### **0151000 (a) grapes**

##### **0153010 Blackberries**

##### **0153030 Raspberries (red and yellow)**

##### **0154040 Gooseberries (green, red and yellow)**

##### **0231010 Tomatoes**

##### **0231030 Aubergines/eggplants**

##### **0233020 Pumpkins**

##### **0233030 Watermelons'**

(b) The following column for mefentrifluconazole is added:

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

Code number	Groups and examples of individual products to which the MRLs apply <sup>(a)</sup>	Mefentrifluconazole
(1)	(2)	(3)
0100000	<b>FRUITS, FRESH or FROZEN; TREE NUTS</b>	<b>0,01 (*)</b>
0110000	<b>Citrus fruits</b>	
0110010	Grapefruits	
0110020	Oranges	
0110030	Lemons	
0110040	Limes	
0110050	Mandarins	
0110990	Others (2)	
0120000	<b>Tree nuts</b>	
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>	
0130010	Apples	
0130020	Pears	
0130030	Quinces	
0130040	Medlars	
0130050	Loquats/Japanese medlars	
0130990	Others (2)	
0140000	<b>Stone fruits</b>	
0140010	Apricots	
0140020	Cherries (sweet)	
0140030	Peaches	

(1)	(2)	(3)
0140040	Plums	
0140990	Others (2)	
0150000	<b>Berries and small fruits</b>	
0151000	(a) <i>grapes</i>	
0151010	Table grapes	
0151020	Wine grapes	
0152000	(b) <i>strawberries</i>	
0153000	(c) <i>cane fruits</i>	
0153010	Blackberries	
0153020	Dewberries	
0153030	Raspberries (red and yellow)	
0153990	Others (2)	
0154000	(d) <i>other small fruits and berries</i>	
0154010	Blueberries	
0154020	Cranberries	
0154030	Currants (black, red and white)	
0154040	Gooseberries (green, red and yellow)	
0154050	Rose hips	
0154060	Mulberries (black and white)	
0154070	Azaroles/Mediterranean medlars	
0154080	Elderberries	
0154990	Others (2)	
0160000	<b>Miscellaneous fruits with</b>	
0161000	(a) <i>edible peel</i>	
0161010	Dates	
0161020	Figs	
0161030	Table olives	
0161040	Kumquats	
0161050	Carambolas	
0161060	Kaki/Japanese persimmons	
0161070	Jambuls/jambolans	
0161990	Others (2)	
0162000	(b) <i>inedible peel, small</i>	
0162010	Kiwi fruits (green, red, yellow)	
0162020	Litchis/lychees	
0162030	Passionfruits/maracujas	
0162040	Prickly pears/cactus fruits	
0162050	Star apples/cainitos	



(1)	(2)	(3)
0162060	American persimmons/Virginia kaki	
0162990	Others (2)	
0163000	(c) <i>inedible peel, large</i>	
0163010	Avocados	
0163020	Bananas	
0163030	Mangoes	
0163040	Papayas	
0163050	Granate apples/pomegranates	
0163060	Cherimoyas	
0163070	Guavas	
0163080	Pineapples	
0163090	Breadfruits	
0163100	Durians	
0163110	Soursops/guanabanas	
0163990	Others (2)	
0200000	<b>VEGETABLES, FRESH or FROZEN</b>	
0210000	<b>Root and tuber vegetables</b>	<b>0,01 (*)</b>
0211000	(a) <i>potatoes</i>	
0212000	(b) <i>tropical root and tuber vegetables</i>	
0212010	Cassava roots/manioc	
0212020	Sweet potatoes	
0212030	Yams	
0212040	Arrowroots	
0212990	Others (2)	
0213000	(c) <i>other root and tuber vegetables except sugar beets</i>	
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>
0220010	Garlic	
0220020	Onions	
0220030	Shallots	

(1)	(2)	(3)
0220040	Spring onions/green onions and Welsh onions	
0220990	Others (2)	
0230000	<b>Fruiting vegetables</b>	<b>0,01 (*)</b>
0231000	(a) <i>Solanaceae and Malvaceae</i>	
0231010	Tomatoes	
0231020	Sweet peppers/bell peppers	
0231030	Aubergines/eggplants	
0231040	Okra/lady's fingers	
0231990	Others (2)	
0232000	(b) <i>cucurbits with edible peel</i>	
0232010	Cucumbers	
0232020	Gherkins	
0232030	Courgettes	
0232990	Others (2)	
0233000	(c) <i>cucurbits with inedible peel</i>	
0233010	Melons	
0233020	Pumpkins	
0233030	Watermelons	
0233990	Others (2)	
0234000	(d) <i>sweet corn</i>	
0239000	(e) <i>other fruiting vegetables</i>	
0240000	<b>Brassica vegetables (excluding brassica roots and brassica baby leaf crops)</b>	<b>0,01 (*)</b>
0241000	(a) <i>flowering brassica</i>	
0241010	Broccoli	
0241020	Cauliflowers	
0241990	Others (2)	
0242000	(b) <i>head brassica</i>	
0242010	Brussels sprouts	
0242020	Head cabbages	
0242990	Others (2)	
0243000	(c) <i>leafy brassica</i>	
0243010	Chinese cabbages/pe-tsai	
0243020	Kales	
0243990	Others (2)	
0244000	(d) <i>kohlrabies</i>	

(1)	(2)	(3)
0250000	<b>Leaf vegetables, herbs and edible flowers</b>	
0251000	(a) <i>lettuces and salad plants</i>	<b>0,01 (*)</b>
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) <i>spinaches and similar leaves</i>	<b>0,01 (*)</b>
0252010	Spinaches	
0252020	Purslanes	
0252030	Chards/beet leaves	
0252990	Others (2)	
0253000	(c) <i>grape leaves and similar species</i>	<b>0,01 (*)</b>
0254000	(d) <i>watercresses</i>	<b>0,01 (*)</b>
0255000	(e) <i>witloofs/Belgian endives</i>	<b>0,01 (*)</b>
0256000	(f) <i>herbs and edible flowers</i>	<b>0,02 (*)</b>
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)	
0260000	<b>Legume vegetables</b>	<b>0,01 (*)</b>
0260010	Beans (with pods)	
0260020	Beans (without pods)	
0260030	Peas (with pods)	
0260040	Peas (without pods)	
0260050	Lentils	
0260990	Others (2)	

(1)	(2)	(3)
0270000	<b>Stem vegetables</b>	<b>0,01 (*)</b>
0270010	Asparagus	
0270020	Cardoons	
0270030	Celeries	
0270040	Florence fennels	
0270050	Globe artichokes	
0270060	Leeks	
0270070	Rhubarbs	
0270080	Bamboo shoots	
0270090	Palm hearts	
0270990	Others (2)	
0280000	<b>Fungi, mosses and lichens</b>	<b>0,01 (*)</b>
0280010	Cultivated fungi	
0280020	Wild fungi	
0280990	Mosses and lichens	
0290000	<b>Algae and prokaryotes organisms</b>	<b>0,01 (*)</b>
0300000	<b>PULSES</b>	<b>0,01 (*)</b>
0300010	Beans	
0300020	Lentils	
0300030	Peas	
0300040	Lupins/lupini beans	
0300990	Others (2)	
0400000	<b>OILSEEDS AND OIL FRUITS</b>	<b>0,01 (*)</b>
0401000	<b>Oilseeds</b>	
0401010	Linseeds	
0401020	Peanuts/groundnuts	
0401030	Poppy seeds	
0401040	Sesame seeds	
0401050	Sunflower seeds	
0401060	Rapeseeds/canola seeds	
0401070	Soyabeans	
0401080	Mustard seeds	
0401090	Cotton seeds	
0401100	Pumpkin seeds	
0401110	Safflower seeds	
0401120	Borage seeds	
0401130	Gold of pleasure seeds	
0401140	Hemp seeds	
0401150	Castor beans	
0401990	Others (2)	

(1)	(2)	(3)
0402000	<b>Oil fruits</b>	
0402010	Olives for oil production	
0402020	Oil palms kernels	
0402030	Oil palms fruits	
0402040	Kapok	
0402990	Others (2)	
0500000	<b>CEREALS</b>	
0500010	Barley	<b>0,6</b>
0500020	Buckwheat and other pseudocereals	<b>0,01 (*)</b>
0500030	Maize/corn	<b>0,01 (*)</b>
0500040	Common millet/proso millet	<b>0,01 (*)</b>
0500050	Oat	<b>0,6</b>
0500060	Rice	<b>0,01 (*)</b>
0500070	Rye	<b>0,05</b>
0500080	Sorghum	<b>0,01 (*)</b>
0500090	Wheat	<b>0,05</b>
0500990	Others (2)	<b>0,01 (*)</b>
0600000	<b>TEAS, COFFEE, HERBAL INFUSIONS, COCOA AND CAROBS</b>	<b>0,05 (*)</b>
0610000	<b>Teas</b>	
0620000	<b>Coffee beans</b>	
0630000	<b>Herbal infusions from</b>	
0631000	(a) <i>flowers</i>	
0631010	Chamomile	
0631020	Hibiscus/roselle	
0631030	Rose	
0631040	Jasmine	
0631050	Lime/linden	
0631990	Others (2)	
0632000	(b) <i>leaves and herbs</i>	
0632010	Strawberry	
0632020	Rooibos	
0632030	Mate/maté	
0632990	Others (2)	
0633000	(c) <i>roots</i>	
0633010	Valerian	
0633020	Ginseng	
0633990	Others (2)	
0639000	(d) <i>any other parts of the plant</i>	

(1)	(2)	(3)
0640000	<b>Cocoa beans</b>	
0650000	<b>Carobs/Saint John's breads</b>	
0700000	<b>HOPS</b>	<b>0,05 (*)</b>
0800000	<b>SPICES</b>	
0810000	<b>Seed spices</b>	<b>0,05 (*)</b>
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>
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>
0830010	Cinnamon	
0830990	Others (2)	
0840000	<b>Root and rhizome spices</b>	
0840010	Liquorice	<b>0,05 (*)</b>
0840020	Ginger (10)	<b>0,05 (*)</b>
0840030	Turmeric/curcuma	<b>0,05 (*)</b>
0840040	Horseradish (11)	
0840990	Others (2)	<b>0,05 (*)</b>
0850000	<b>Bud spices</b>	<b>0,05 (*)</b>
0850010	Cloves	
0850020	Capers	
0850990	Others (2)	

(1)	(2)	(3)
0860000	<b>Flower pistil spices</b>	<b>0,05 (*)</b>
0860010	Saffron	
0860990	Others (2)	
0870000	<b>Aril spices</b>	<b>0,05 (*)</b>
0870010	Mace	
0870990	Others (2)	
0900000	<b>SUGAR PLANTS</b>	<b>0,01 (*)</b>
0900010	Sugar beet roots	
0900020	Sugar canes	
0900030	Chicory roots	
0900990	Others (2)	
1000000	<b>PRODUCTS OF ANIMAL ORIGIN -TERRESTRIAL ANIMALS</b>	
1010000	<b>Commodities from</b>	
1011000	(a) <i>swine</i>	<b>0,01 (*)</b>
1011010	Muscle	
1011020	Fat	
1011030	Liver	
1011040	Kidney	
1011050	Edible offals (other than liver and kidney)	
1011990	Others (2)	
1012000	(b) <i>bovine</i>	
1012010	Muscle	<b>0,04</b>
1012020	Fat	<b>0,2</b>
1012030	Liver	<b>0,4</b>
1012040	Kidney	<b>0,1</b>
1012050	Edible offals (other than liver and kidney)	<b>0,1</b>
1012990	Others (2)	<b>0,01 (*)</b>
1013000	(c) <i>sheep</i>	
1013010	Muscle	<b>0,06</b>
1013020	Fat	<b>0,4</b>
1013030	Liver	<b>0,7</b>
1013040	Kidney	<b>0,3</b>
1013050	Edible offals (other than liver and kidney)	<b>0,3</b>
1013990	Others (2)	<b>0,01 (*)</b>
1014000	(d) <i>goat</i>	
1014010	Muscle	<b>0,06</b>
1014020	Fat	<b>0,4</b>
1014030	Liver	<b>0,7</b>

(1)	(2)	(3)
1014040	Kidney	<b>0,3</b>
1014050	Edible offals (other than liver and kidney)	<b>0,3</b>
1014990	Others (2)	<b>0,01 (*)</b>
1015000	(e) <i>equine</i>	
1015010	Muscle	<b>0,04</b>
1015020	Fat	<b>0,2</b>
1015030	Liver	<b>0,4</b>
1015040	Kidney	<b>0,1</b>
1015050	Edible offals (other than liver and kidney)	<b>0,1</b>
1015990	Others (2)	<b>0,01 (*)</b>
1016000	(f) <i>poultry</i>	
1016010	Muscle	<b>0,015</b>
1016020	Fat	<b>0,03</b>
1016030	Liver	<b>0,03</b>
1016040	Kidney	<b>0,03</b>
1016050	Edible offals (other than liver and kidney)	<b>0,03</b>
1016990	Others (2)	<b>0,01 (*)</b>
1017000	(g) <i>other farmed terrestrial animals</i>	<b>0,01 (*)</b>
1017010	Muscle	
1017020	Fat	
1017030	Liver	
1017040	Kidney	
1017050	Edible offals (other than liver and kidney)	
1017990	Others (2)	
1020000	<b>Milk</b>	
1020010	Cattle	<b>0,02</b>
1020020	Sheep	<b>0,03</b>
1020030	Goat	<b>0,03</b>
1020040	Horse	<b>0,02</b>
1020990	Others (2)	<b>0,01 (*)</b>
1030000	<b>Birds eggs</b>	<b>0,015</b>
1030010	Chicken	
1030020	Duck	
1030030	Geese	
1030040	Quail	
1030990	Others (2)	
1040000	<b>Honey and other apiculture products (7)</b>	<b>0,05 (*)</b>
1050000	<b>Amphibians and Reptiles</b>	<b>0,01 (*)</b>
1060000	<b>Terrestrial invertebrate animals</b>	<b>0,01 (*)</b>
1070000	<b>Wild terrestrial vertebrate animals</b>	<b>0,01 (*)</b>



(1)	(2)	(3)
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

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

(2) Annex IV is amended as follows:

- (a) The following entry is inserted in alphabetical order: '*Beauveria bassiana* strain PPRI 5339';
- (b) The entry for '*Gliocladium catenulatum* strain J1446' is replaced by '*Clonostachys rosea* strain J1446'.

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