

**COMMISSION REGULATION (EU) 2023/1029****of 25 May 2023****amending Annexes III and V to Regulation (EC) No 396/2005 of the European Parliament and of the Council as regards maximum residue levels for phosmet 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), point (a), and Article 18(1), point (b), thereof,

Whereas:

- (1) For phosmet, maximum residue levels ('MRLs') were set in Part A of Annex III to Regulation (EC) No 396/2005.
- (2) The European Food Safety Authority ('the Authority') submitted a reasoned opinion on the review of the existing MRLs for phosmet in accordance with Article 12(1) of Regulation (EC) No 396/2005 <sup>(2)</sup>. It proposed to change the residue definition for enforcement purposes from 'phosmet and phosmet-oxon expressed as phosmet' to 'phosmet'. The Commission considers this new residue definition to be appropriate in the context of Regulation (EC) No 396/2005.
- (3) In its reasoned opinion on the review of the existing MRLs for phosmet in accordance with Article 12(1) of Regulation (EC) No 396/2005, the Authority identified a risk for consumers concerning the MRLs for grapefruits, oranges, lemons, limes, mandarins, coconuts, apples, pears, quinces, medlars, loquats, apricots, peaches, table grapes, wine grapes, blueberries, cranberries, kumquats and potatoes. In addition, in the context of a decision on non-renewal of the approval of the active substance phosmet <sup>(3)</sup>, the Authority published a conclusion <sup>(4)</sup> on the peer review of the pesticide risk assessment of the active substance phosmet explaining that the consumer dietary risk assessment for phosmet could not be finalised because data including the toxicological profile and genotoxicity potential of the metabolite phosmet-oxon was incomplete. In view of the data gaps, the Authority could not rule out harmful effects on human health with the existing MRLs for phosmet in all products. Therefore, none of the existing MRLs for phosmet, including those based on Codex maximum residue limits (CXLs), could be confirmed as being safe for consumers. It is therefore appropriate to delete the MRLs for phosmet in Part A of Annex III to Regulation (EC) No 396/2005 in accordance with Article 17 of Regulation (EC) No 396/2005 in conjunction with Article 14(1) point (a) thereof. MRLs for phosmet in all products should be set at the limits of determination ('LODs'), specific to each product and safe for consumers, which should be set in Annex V to Regulation (EC) No 396/2005 in accordance with Article 18(1), point (b) of that Regulation.

<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 phosmet according to Article 12 of Regulation (EC) No 396/2005. *EFSA Journal* 2022;20(7):7448.

<sup>(3)</sup> Commission Implementing Regulation (EU) 2022/94 of 24 January 2022 concerning the non-renewal of the approval of the active substance phosmet, in accordance with Regulation (EC) No 1107/2009 of the European Parliament and of the Council concerning the placing of plant protection products on the market, and amending the Annex to Commission Implementing Regulation (EU) No 540/2011 (OJ L 16, 25.1.2022, p. 33).

<sup>(4)</sup> European Food Safety Authority; Conclusion on the peer review of the pesticide risk assessment of the active substance phosmet, *EFSA Journal* 2021;19(3):6237.

- (4) Additionally, the Authority and a Member State identified that the default value of 0,01\* mg/kg for oranges, potatoes, apples, pears, pineapples, melons, watermelons, sugar beet roots, and milk (cattle), does not provide a sufficient level of protection for consumers. Therefore, the LODs for these products should be set at the lower and achievable level of 0,005\* mg/kg, which is safe for consumers.
- (5) The Commission consulted the European Union reference laboratories for residues of pesticides as regards the need to adapt certain LODs. Those laboratories proposed product specific LODs that are analytically achievable.
- (6) 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.
- (7) Regulation (EC) No 396/2005 should therefore be amended accordingly.
- (8) A reasonable period should be allowed to elapse before the new MRLs become applicable, in order to permit Member States, third countries and food business operators to adapt themselves to the requirements which result from the modification of the MRLs.
- (9) 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 III and V 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 apply from 15 September 2023.

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

Done at Brussels, 25 May 2023.

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

## ANNEX

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

- (1) in Part A of Annex III, the column for phosmet is deleted;
- (2) in Annex V, the following column for phosmet is 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>	Phosmet
(1)	(2)	(3)
0100000	<b>FRUITS, FRESH or FROZEN; TREE NUTS</b>	
0110000	<b>Citrus fruits</b>	
0110010	Grapefruits	<b>0,01</b> (*)
0110020	Oranges	<b>0,005</b> (*)
0110030	Lemons	<b>0,01</b> (*)
0110040	Limes	<b>0,01</b> (*)
0110050	Mandarins	<b>0,01</b> (*)
0110990	Others (2)	<b>0,01</b> (*)
0120000	<b>Tree nuts</b>	<b>0,01</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	<b>0,005</b> (*)
0130020	Pears	<b>0,005</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> (*)

(1)	(2)	(3)
0140000	<b>Stone fruits</b>	<b>0,01 (*)</b>
0140010	Apricots	
0140020	Cherries (sweet)	
0140030	Peaches	
0140040	Plums	
0140990	Others (2)	
0150000	<b>Berries and small fruits</b>	<b>0,01 (*)</b>
0151000	(a) <b>grapes</b>	
0151010	Table grapes	
0151020	Wine grapes	
0152000	(b) <b>strawberries</b>	
0153000	(c) <b>cane fruits</b>	
0153010	Blackberries	
0153020	Dewberries	
0153030	Raspberries (red and yellow)	
0153990	Others (2)	
0154000	(d) <b>other small fruits and berries</b>	
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 fruitswith</b>	
0161000	(a) <b>edible peel</b>	<b>0,01 (*)</b>
0161010	Dates	
0161020	Figs	
0161030	Table olives	
0161040	Kumquats	
0161050	Carambolas	
0161060	Kaki/Japanese persimmons	
0161070	Jambuls/jambolans	
0161990	Others (2)	

(1)	(2)	(3)
0162000	<b>(b) inedible peel, small</b>	<b>0,01 (*)</b>
0162010	Kiwi fruits (green, red, yellow)	
0162020	Litchis/lychees	
0162030	Passionfruits/maracujas	
0162040	Prickly pears/cactus fruits	
0162050	Star apples/cainitos	
0162060	American persimmons/Virginia kaki	
0162990	Others (2)	
0163000	<b>(c) inedible peel, large</b>	
0163010	Avocados	<b>0,01 (*)</b>
0163020	Bananas	<b>0,01 (*)</b>
0163030	Mangoes	<b>0,01 (*)</b>
0163040	Papayas	<b>0,01 (*)</b>
0163050	Granate apples/pomegranates	<b>0,01 (*)</b>
0163060	Cherimoyas	<b>0,01 (*)</b>
0163070	Guavas	<b>0,01 (*)</b>
0163080	Pineapples	<b>0,005 (*)</b>
0163090	Breadfruits	<b>0,01 (*)</b>
0163100	Durians	<b>0,01 (*)</b>
0163110	Soursops/guanabanas	<b>0,01 (*)</b>
0163990	Others (2)	<b>0,01 (*)</b>
0200000	<b>VEGETABLES, FRESH or FROZEN</b>	
0210000	<b>Root and tuber vegetables</b>	
0211000	<b>(a) potatoes</b>	<b>0,005 (*)</b>
0212000	<b>(b) tropical root and tuber vegetables</b>	<b>0,01 (*)</b>
0212010	Cassava roots/manioc	
0212020	Sweet potatoes	
0212030	Yams	
0212040	Arrowroots	
0212990	Others (2)	
0213000	<b>(c) other root and tuber vegetables except sugar beets</b>	<b>0,01 (*)</b>
0213010	Beetroots	
0213020	Carrots	
0213030	Celeriacs/turnip rooted celeries	
0213040	Horseradishes	
0213050	Jerusalem artichokes	
0213060	Parsnips	

(1)	(2)	(3)
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	
0220040	Spring onions/green onions and Welsh onions	
0220990	Others (2)	
0230000	<b>Fruiting vegetables</b>	
0231000	(a) <b>Solanaceae and Malvaceae</b>	<b>0,01 (*)</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>	<b>0,01 (*)</b>
0232010	Cucumbers	
0232020	Gherkins	
0232030	Courgettes	
0232990	Others (2)	
0233000	(c) <b>cucurbits with inedible peel</b>	
0233010	Melons	<b>0,005 (*)</b>
0233020	Pumpkins	<b>0,01 (*)</b>
0233030	Watermelons	<b>0,005 (*)</b>
0233990	Others (2)	<b>0,01 (*)</b>
0234000	(d) <b>sweet corn</b>	<b>0,01 (*)</b>
0239000	(e) <b>other fruiting vegetables</b>	<b>0,01 (*)</b>
0240000	<b>Brassica vegetables(excluding brassica roots and brassica baby leaf crops)</b>	<b>0,01 (*)</b>
0241000	(a) <b>flowering brassica</b>	
0241010	Broccoli	
0241020	Cauliflowers	
0241990	Others (2)	

(1)	(2)	(3)
0242000	(b) <b>head brassica</b>	
0242010	Brussels sprouts	
0242020	Head cabbages	
0242990	Others (2)	
0243000	(c) <b>leafy brassica</b>	
0243010	Chinese cabbages/pe-tsai	
0243020	Kales	
0243990	Others (2)	
0244000	(d) <b>kohlrabies</b>	
0250000	<b>Leaf vegetables, herbs and edible flowers</b>	
0251000	(a) <b>lettuces and salad plants</b>	<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) <b>spinaches and similar leaves</b>	<b>0,01 (*)</b>
0252010	Spinaches	
0252020	Purslanes	
0252030	Chards/beet leaves	
0252990	Others (2)	
0253000	(c) <b>grape leaves and similar species</b>	<b>0,01 (*)</b>
0254000	(d) <b>watercresses</b>	<b>0,01 (*)</b>
0255000	(e) <b>witloofs/Belgian endives</b>	<b>0,01 (*)</b>
0256000	(f) <b>herbs and edible flowers</b>	<b>0,02 (*)</b>
0256010	Chervil	
0256020	Chives	
0256030	Celery leaves	
0256040	Parsley	
0256050	Sage	
0256060	Rosemary	
0256070	Thyme	
0256080	Basil and edible flowers	

(1)	(2)	(3)
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)	
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	



(1)	(2)	(3)
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)	
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>	<b>0,01 (*)</b>
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 CAROBS</b>	
0610000	<b>Teas</b>	<b>0,01 (*)</b>
0620000	<b>Coffee beans</b>	<b>0,05 (*)</b>
0630000	<b>Herbal infusions from</b>	<b>0,05 (*)</b>
0631000	(a) <b>flowers</b>	
0631010	Chamomile	
0631020	Hibiscus/roselle	
0631030	Rose	

(1)	(2)	(3)
0631040	Jasmine	
0631050	Lime/linden	
0631990	Others (2)	
0632000	<b>(b) leaves and herbs</b>	
0632010	Strawberry	
0632020	Rooibos	
0632030	Mate/maté	
0632990	Others (2)	
0633000	<b>(c) roots</b>	
0633010	Valerian	
0633020	Ginseng	
0633990	Others (2)	
0639000	<b>(d) any other parts of the plant</b>	
0640000	<b>Cocoa beans</b>	<b>0,05 (*)</b>
0650000	<b>Carobs/Saint John's breads</b>	<b>0,05 (*)</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)	

(1)	(2)	(3)
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)	
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)	
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>	
0900010	Sugar beet roots	<b>0,005 (*)</b>
0900020	Sugar canes	<b>0,01 (*)</b>
0900030	Chicory roots	<b>0,01 (*)</b>
0900990	Others (2)	<b>0,01 (*)</b>
1000000	<b>PRODUCTS OF ANIMAL ORIGIN -TERRESTRIAL ANIMALS</b>	
1010000	<b>Commodities from</b>	<b>0,01 (*)</b>
1011000	(a) <b>swine</b>	
1011010	Muscle	
1011020	Fat	
1011030	Liver	
1011040	Kidney	
1011050	Edible offals (other than liver and kidney)	
1011990	Others (2)	
1012000	(b) <b>bovine</b>	
1012010	Muscle	
1012020	Fat	
1012030	Liver	

(1)	(2)	(3)
1012040	Kidney	
1012050	Edible offals (other than liver and kidney)	
1012990	Others (2)	
1013000	<b>(c) sheep</b>	
1013010	Muscle	
1013020	Fat	
1013030	Liver	
1013040	Kidney	
1013050	Edible offals (other than liver and kidney)	
1013990	Others (2)	
1014000	<b>(d) goat</b>	
1014010	Muscle	
1014020	Fat	
1014030	Liver	
1014040	Kidney	
1014050	Edible offals (other than liver and kidney)	
1014990	Others (2)	
1015000	<b>(e) equine</b>	
1015010	Muscle	
1015020	Fat	
1015030	Liver	
1015040	Kidney	
1015050	Edible offals (other than liver and kidney)	
1015990	Others (2)	
1016000	<b>(f) poultry</b>	
1016010	Muscle	
1016020	Fat	
1016030	Liver	
1016040	Kidney	
1016050	Edible offals (other than liver and kidney)	
1016990	Others (2)	
1017000	<b>(g) other farmed terrestrial animals</b>	
1017010	Muscle	
1017020	Fat	
1017030	Liver	
1017040	Kidney	
1017050	Edible offals (other than liver and kidney)	
1017990	Others (2)	

(1)	(2)	(3)
1020000	<b>Milk</b>	
1020010	Cattle	<b>0,005</b> (*)
1020020	Sheep	<b>0,01</b> (*)
1020030	Goat	<b>0,01</b> (*)
1020040	Horse	<b>0,01</b> (*)
1020990	Others (2)	<b>0,01</b> (*)
1030000	<b>Birds eggs</b>	<b>0,01</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> (*)
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>	

(\*) Indicates lower limit of analytical determination

(†) For the complete list of products of plant and animal origin to which MRL's apply, reference should be made to Annex I