

WORKING DOCUMENT

SANTE/11371/2018

[Annex II]

Pesticide residues and maximum residue levels (mg/kg)

Code number	Groups and examples of individual products to which the MRLs apply (a)	Myclobutanil (sum of constituent isomers) (R)	Napropamide (sum of isomers)	Sintofen
0100000	FRUITS, FRESH or FROZEN; TREE NUTS			0.01*
0110000	Citrus fruits	0.01*	0.01* (+)	
0110010	Grapefruits			
0110020	Oranges			
0110030	Lemons			
0110040	Limes			
0110050	Mandarins			
0110990	Others (2)			
0120000	Tree nuts	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	Pome fruits	0.6 (+)	0.01*	
0130010	Apples			
0130020	Pears			
0130030	Quinces			
0130040	Medlars			
0130050	Loquats/Japanese medlars			
0130990	Others (2)			
0140000	Stone fruits		0.01*	
0140010	Apricots	3 (+)		
0140020	Cherries (sweet)	3 (+)		
0140030	Peaches	3 (+)		
0140040	Plums	2 (+)		
0140990	Others (2)	2 (+)		
0150000	Berries and small fruits			
0151000	(a) grapes	1.5 (+)	0.01*	
0151010	Table grapes			
0151020	Wine grapes			
0152000	(b) strawberries	1.5 (+)	0.01* (+)	
0153000	(c) cane fruits		0.01* (+)	
0153010	Blackberries	0.8 (+)		
0153020	Dewberries	0.01*		
0153030	Raspberries (red and yellow)	0.8 (+)		
0153990	Others (2)	0.01*		
0154000	(d) other small fruits and berries			
0154010	Blueberries	0.01*	0.02 (+)	
0154020	Cranberries	0.01*	0.02 (+)	
0154030	Currants (black, red and white)	0.9	0.02 (+)	
0154040	Gooseberries (green, red and yellow)	0.8 (+)	0.02 (+)	
0154050	Rose hips	0.01*	0.02 (+)	
0154060	Mulberries (black and white)	0.01*	0.01*	
0154070	Azaroles/Mediterranean medlars	0.6 (+)	0.01*	
0154080	Elderberries	0.01*	0.02 (+)	
0154990	Others (2)	0.01*	0.01*	
0160000	Miscellaneous fruitswith		0.01*	
0161000	(a) edible peel			
0161010	Dates	0.01*		
0161020	Figs	0.01*		
0161030	Table olives	0.01*		
0161040	Kumquats	0.01*		
0161050	Carambolas	0.01*		
0161060	Kaki/Japanese persimmons	0.6 (+)		
0161070	Jambuls/jambolans	0.01*		
0161990	Others (2)	0.01*		
0162000	(b) inedible peel, small	0.01*		
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	(c) inedible peel, large			
0163010	Avocados	0.01*		
0163020	Bananas	3 (+)		
0163030	Mangoes	0.01*		
0163040	Papayas	0.01*		
0163050	Granate apples/pomegranates	0.01*		
0163060	Cherimoyas	0.01*		
0163070	Guavas	0.01*		
0163080	Pineapples	0.01*		
0163090	Breadfruits	0.01*		
0163100	Durians	0.01*		
0163110	Soursops/guanabanas	0.01*		
0163990	Others (2)	0.01*		
0200000	VEGETABLES, FRESH or FROZEN			
0210000	Root and tuber vegetables	0.06	0.01*	0.01*
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			

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0213060 0213070 0213080 0213090 0213100 0213110 0213990	Parsnips Parsley roots/Hamburg roots parsley Radishes Salsifies Swedes/rutabagas Turnips Others (2)			
0220000	Bulb vegetables	0.06	0.01*	0.01*
0220010 0220020 0220030 0220040 0220990	Garlic Onions Shallots Spring onions/green onions and Welsh onions Others (2)			
0230000	Fruiting vegetables		0.01*	0.01*
0231000	(a) Solanaceae and Malvaceae			
0231010 0231020 0231030 0231040 0231990	Tomatoes Sweet peppers/bell peppers Aubergines/eggplants Okra/lady's fingers Others (2)	0.6 (+) 3 0.2 (+) 0.01* 0.01*		
0232000	(b) cucurbits with edible peel	0.2		
0232010 0232020 0232030 0232990	Cucumbers Gherkins Courgettes Others (2)			
0233000	(c) cucurbits with inedible peel	0.3		
0233010 0233020 0233030 0233990	Melons Pumpkins Watermelons Others (2)	(+) (+) (+) (+)		
0234000	(d) sweet corn	0.01*		
0239000	(e) other fruiting vegetables	0.01*		
0240000	Brassica vegetables(excluding brassica roots and brassica baby leaf crops)	0.05	0.01*	0.01*
0241000	(a) flowering brassica			
0241010 0241020 0241990	Broccoli Cauliflowers Others (2)			
0242000	(b) head brassica			
0242010 0242020 0242990	Brussels sprouts Head cabbages Others (2)			
0243000	(c) leafy brassica			
0243010 0243020 0243990	Chinese cabbages/pe-tsai Kales Others (2)			
0244000	(d) kohlrabies			
0250000	Leaf vegetables, herbs and edible flowers			
0251000	(a) lettuces and salad plants			0.01*
0251010 0251020 0251030 0251040 0251050 0251060 0251070 0251080 0251990	Lamb's lettuce/corn salads Lettuces Escaroles/broad-leaved endives Cresses and other sprouts and shoots Land cresses Roman rocket/rucola Red mustards Baby leaf crops (including brassica species) Others (2)	9 (+) 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05	0.05 0.01* 0.01* 0.01* 0.01* 0.05 0.05 0.05 0.01*	
0252000	(b) spinaches and similar leaves	0.05	0.01*	0.01*
0252010 0252020 0252030 0252990	Spinaches Purslanes Chards/beet leaves Others (2)			
0253000	(c) grape leaves and similar species	0.05	0.01*	0.01*
0254000	(d) watercresses	0.05	0.01*	0.01*
0255000	(e) witloofs/Belgian endives	0.05	0.01*	0.01*
0256000	(f) herbs and edible flowers	0.05	0.02*	0.02*
0256010 0256020 0256030 0256040 0256050 0256060 0256070 0256080 0256090 0256100 0256990	Chervil Chives Celery leaves Parsley Sage Rosemary Thyme Basil and edible flowers Laurel/bay leaves Tarragon Others (2)			
0260000	Legume vegetables		0.01*	0.01*
0260010 0260020 0260030 0260040 0260050 0260990	Beans (with pods) Beans (without pods) Peas (with pods) Peas (without pods) Lentils Others (2)	0.8 0.01* 0.01* 0.01* 0.01* 0.01*		
0270000	Stem vegetables		0.01*	0.01*
0270010 0270020 0270030 0270040 0270050 0270060 0270070 0270080 0270090 0270990	Asparagus Cardoons Celeries Florence fennels Globe artichokes Leeks Rhubarbs Bamboo shoots Palm hearts Others (2)	0.01* 0.01* 0.01* 0.06 0.8 (+) 0.06 0.01* 0.01* 0.01* 0.01*		
0280000	Fungi, mosses and lichens	0.01*	0.01*	0.01*
0280010 0280020 0280990	Cultivated fungi Wild fungi Mosses and lichens			

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0290000	Algae and prokaryotes organisms	0.01*	0.01*	0.01*
0300000	PULSES	0.01*	0.01*	0.01*
0300010	Beans			
0300020	Lentils			
0300030	Peas			
0300040	Lupins/lupini beans			
0300990	Others (2)			
0400000	OILSEEDS AND OIL FRUITS	0.01*		0.01*
0401000	Oilseeds			
0401010	Linseeds		0.02	
0401020	Peanuts/groundnuts		0.01*	
0401030	Poppy seeds		0.02	
0401040	Sesame seeds		0.02	
0401050	Sunflower seeds		0.02	
0401060	Rapeseeds/canola seeds		0.02	
0401070	Soyabeans		0.02	
0401080	Mustard seeds		0.02	
0401090	Cotton seeds		0.02	
0401100	Pumpkin seeds		0.02	
0401110	Safflower seeds		0.02	
0401120	Borage seeds		0.02	
0401130	Gold of pleasure seeds		0.02	
0401140	Hemp seeds		0.02	
0401150	Castor beans		0.02	
0401990	Others (2)		0.01*	
0402000	Oil fruits		0.01*	
0402010	Olives for oil production			
0402020	Oil palms kernels			
0402030	Oil palms fruits			
0402040	Kapok			
0402990	Others (2)			
0500000	CEREALS	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	TEAS, COFFEE, HERBAL INFUSIONS, COCOA AND CAROBS	0.05*	0.05*	0.05*
0610000	Teas			
0620000	Coffee beans			
0630000	Herbal infusions from			
0631000	(a) flowers			
0631010	Chamomile			
0631020	Hibiscus/roselle			
0631030	Rose			
0631040	Jasmine			
0631050	Lime/linden			
0631990	Others (2)			
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)			
0639000	(d) any other parts of the plant			
0640000	Cocoa beans			
0650000	Carobs/Saint John's breads			
0700000	HOPS	6 (+)	0.05*	0.05*
0800000	SPICES	0.05*	0.05*	0.05*
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)			
0830000	Bark spices			
0830010	Cinnamon			
0830990	Others (2)			
0840000	Root and rhizome spices			
0840010	Liquorice			
0840020	Ginger (10)			
0840030	Turmeric/curcuma			
0840040	Horseradish (11)			
0840990	Others (2)			
0850000	Bud spices			
0850010	Cloves			
0850020	Capers			

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0850990	Others (2)			
0860000	Flower pistil spices			
0860010	Saffron			
0860990	Others (2)			
0870000	Aril spices			
0870010	Mace			
0870990	Others (2)			
0900000	SUGAR PLANTS	0.01*	0.01*	0.01*
0900010	Sugar beet roots	(+)		
0900020	Sugar canes			
0900030	Chicory roots			
0900990	Others (2)			
1000000	PRODUCTS OF ANIMAL ORIGIN - TERRESTRIAL ANIMALS			0.01*
1010000	Commodities from	0.01*	0.01*	
1011000	(a) swine	(+)		
1011010	Muscle			
1011020	Fat			
1011030	Liver			
1011040	Kidney			
1011050	Edible offals (other than liver and kidney)			
1011990	Others (2)			
1012000	(b) bovine	(+)		
1012010	Muscle			
1012020	Fat			
1012030	Liver			
1012040	Kidney			
1012050	Edible offals (other than liver and kidney)			
1012990	Others (2)			
1013000	(c) sheep	(+)		
1013010	Muscle			
1013020	Fat			
1013030	Liver			
1013040	Kidney			
1013050	Edible offals (other than liver and kidney)			
1013990	Others (2)			
1014000	d) goat	(+)		
1014010	Muscle			
1014020	Fat			
1014030	Liver			
1014040	Kidney			
1014050	Edible offals (other than liver and kidney)			
1014990	Others (2)			
1015000	(e) equine	(+)		
1015010	Muscle			
1015020	Fat			
1015030	Liver			
1015040	Kidney			
1015050	Edible offals (other than liver and kidney)			
1015990	Others (2)			
1016000	(f) poultry	(+)		
1016010	Muscle			
1016020	Fat			
1016030	Liver			
1016040	Kidney			
1016050	Edible offals (other than liver and kidney)			
1016990	Others (2)			
1017000	(g) other farmed terrestrial animals	(+)		
1017010	Muscle			
1017020	Fat			
1017030	Liver			
1017040	Kidney			
1017050	Edible offals (other than liver and kidney)			
1017990	Others (2)			
1020000	Milk	0.01 (+)	0.01*	
1020010	Cattle			
1020020	Sheep			
1020030	Goat			
1020040	Horse			
1020990	Others (2)			
1030000	Birds eggs	0.01 (+)	0.01*	
1030010	Chicken			
1030020	Duck			
1030030	Geese			
1030040	Quail			
1030990	Others (2)			
1040000	Honey and other apiculture products (7)	0.05*	0.05*	
1050000	Amphibians and Reptiles	0.01* (+)	0.01*	
1060000	Terrestrial invertebrate animals	0.01* (+)	0.01*	
1070000	Wild terrestrial vertebrate animals	0.01* (+)	0.01*	
1100000	PRODUCTS OF ANIMAL ORIGIN - FISH, FISHPRODUCTS AND ANY OTHER MARINE AND FRESHWATER FOOD PRODUCTS (8)			
1200000	PRODUCTS OR PART OF PRODUCTS EXCLUSIVELY USED FOR ANIMAL FEED PRODUCTION (8)			
1300000	PROCESSED FOOD PRODUCTS (9)			

(*) Limit of analytical determination

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

(sum of

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

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	<p>Myclobutanil - code 1000000 except 1040000: free and conjugated forms of Alpha-(3-hydroxybutyl) - alpha - (4-chloro-phenyl) - 1H - 1,2,4 - triazole -1- propanenitrile (RH9090), expressed as myclobutanil</p> <p>(+) The European Food Safety Authority identified some information relating to triazole derivative metabolites (TDMs) 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 [Office of Publication: please insert date 2 years after publication], or, if that information is not submitted by that date, the lack of it.</p> <p>0130000 Pome fruits</p> <p>0130010 Apples</p> <p>0130020 Pears</p> <p>0130030 Quinces</p> <p>0130040 Medlars</p> <p>0130050 Loquats/Japanese medlars</p> <p>0130990 Others (2)</p> <p>0140030 Peaches</p> <p>0151010 Table grapes</p> <p>0151020 Wine grapes</p> <p>0154070 Azaroles/Mediterranean medlars</p> <p>0161060 Kaki/Japanese persimmons</p> <p>(+) The European Food Safety Authority identified some information on residue trials and relating to triazole derivative metabolites (TDMs) 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 [Office of Publication: please insert date 2 years after publication], or, if that information is not submitted by that date, the lack of it. sentence, if it is submitted by [Office of Publication: please insert date 2 years after publication], or, if that information is not submitted by that date, the lack of it.</p> <p>0140010 Apricots</p> <p>0140020 Cherries (sweet)</p> <p>0140040 Plums</p> <p>0140990 Others (2)</p> <p>(+) The European Food Safety Authority identified some information on residue trials and metabolism in 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 [Office of Publication: please insert date 2 years after publication], or, if that information is not submitted by that date, the lack of it.</p> <p>0152000 (b) strawberries</p> <p>0153010 Blackberries</p> <p>0153030 Raspberries (red and yellow)</p> <p>0154040 Gooseberries (green, red and yellow)</p> <p>0231010 Tomatoes</p> <p>0231030 Aubergines/eggplants</p> <p>0233010 Melons</p> <p>0233020 Pumpkins</p> <p>0233030 Watermelons</p> <p>0233990 Others (2)</p> <p>0900010 Sugar beet roots</p> <p>(+) The European Food Safety Authority identified some information on crop metabolism with post-harvest treatment 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 [Office of Publication: please insert date 2 years after publication], or, if that information is not submitted by that date, the lack of it.</p> <p>0163020 Bananas</p> <p>(+) The European Food Safety Authority identified some information on crop metabolism with leafy vegetables and post-harvest treatment 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 [Office of Publication: please insert date 2 years after publication], or, if that information is not submitted by that date, the lack of it.</p> <p>0251010 Lamb's lettuces/corn salads</p> <p>0270050 Globe artichokes</p> <p>(+) The European Food Safety Authority identified some information on residue trials, analytical methods, crop metabolism with leafy vegetables and post-harvest treatment 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 [Office of Publication: please insert date 2 years after publication], or, if that information is not submitted by that date, the lack of it.</p> <p>0700000 HOPS</p> <p>(+) 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 [Office of Publication: please insert date 2 years after publication], or, if that information is not submitted by that date, the lack of it.</p> <p>1011000 (a) swine</p> <p>1011010 Muscle</p>			

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1011030	Liver			
1011050	Edible offals (other than liver and kidney)			
1011990	Others (2)			
1012000	(b) bovine			
1012010	Muscle			
1012030	Liver			
1012050	Edible offals (other than liver and kidney)			
1012990	Others (2)			
1013000	(c) sheep			
1013010	Muscle			
1013030	Liver			
1013050	Edible offals (other than liver and kidney)			
1013990	Others (2)			
1014000	d) goat			
1014010	Muscle			
1014030	Liver			
1014050	Edible offals (other than liver and kidney)			
1014990	Others (2)			
1015000	(e) equine			
1015010	Muscle			
1015030	Liver			
1015050	Edible offals (other than liver and kidney)			
1015990	Others (2)			
1016000	(f) poultry			
1016010	Muscle			
1016030	Liver			
1016050	Edible offals (other than liver and kidney)			
1016990	Others (2)			
1017000	(g) other farmed terrestrial animals			
1017010	Muscle			
1017030	Liver			
1017050	Edible offals (other than liver and kidney)			
1017990	Others (2)			
1030000	Birds eggs			
1030010	Chicken			
1030020	Duck			
1030030	Geese			
1030040	Quail			
1030990	Others (2)			
1050000	Amphibians and Reptiles			
1060000	Terrestrial invertebrate animals			
1070000	Wild terrestrial vertebrate animals			
The European Food Safety Authority identified some information on 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 [Office of Publication: please insert date 2 years after publication], or, if that information is not submitted by that date, the lack of it.				
1011000	(a) swine			
1011020	Fat			
1011040	Kidney			
1012000	(b) bovine			
1012020	Fat			
1012040	Kidney			
1013000	(c) sheep			
1013020	Fat			
1013040	Kidney			
1014000	d) goat			
1014020	Fat			
1014040	Kidney			
1015000	(e) equine			
1015020	Fat			
1015040	Kidney			
1016000	(f) poultry			
1016020	Fat			
1016040	Kidney			

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Pesticide residues and maximum residue levels (mg/kg)

Code number	Groups and examples of individual products to which the MRLs apply (a)	Myocbutanil (sum of constituent isomers) (R)	Napropamide (sum of isomers)	Sintofen
	<div>1017000 (g) other farmed terrestrial animals</div> <div>1017020 Fat</div> <div>1017040 Kidney</div> <div>1020000 Milk</div> <div>1020010 Cattle</div> <div>1020020 Sheep</div> <div>1020030 Goat</div> <div>1020040 Horse</div> <div>1020990 Others (2)</div> <div>Napropamide (sum of isomers)</div> <div>(+) The European Food Safety Authority identified some information on 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 [Office of Publication: please insert date 2 years after publication], or, if that information is not submitted by that date, the lack of it.</div> <div>0110000 Citrus fruits</div> <div>0110010 Grapefruits</div> <div>0110020 Oranges</div> <div>0110030 Lemons</div> <div>0110040 Limes</div> <div>0110050 Mandarins</div> <div>0110990 Others (2)</div> <div>0152000 (b) strawberries</div> <div>0153000 (c) cane fruits</div> <div>0153010 Blackberries</div> <div>0153020 Dewberries</div> <div>0153030 Raspberries (red and yellow)</div> <div>0153990 Others (2)</div> <div>(+) The European Food Safety Authority identified some information on storage stability and 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 [Office of Publication: please insert date 2 years after publication], or, if that information is not submitted by that date, the lack of it.</div> <div>0154010 Blueberries</div> <div>0154020 Cranberries</div> <div>0154030 Currants (black, red and white)</div> <div>0154040 Gooseberries (green, red and yellow)</div> <div>0154050 Rose hips</div> <div>0154080 Elderberries</div> <div>Sintofen</div> <div>(+) 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 [Office of Publication: please insert date 2 years after publication], or, if that information is not submitted by that date, the lack of it.</div> <div>0500090 Wheat</div>			