

WORKING DOCUMENT

SANTE 2017/11228 Rev. 1

[Annex I]

Pesticide residues and maximum residue levels (mg/kg)

Code number	Groups and examples of individual products to which the MRLs apply (a)	Lambda-cyhalothrin (includes gamma-cyhalothrin) (sum of R,S and S,R isomers) (F)
0100000	FRUITS, FRESH or FROZEN; TREE NUTS	
0110000	Citrus fruits	0.2 (+)
0110010	Grapefruits	
0110020	Oranges	
0110030	Lemons	
0110040	Limes	
0110050	Mandarins	
0110990	Others	
0120000	Tree nuts	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	
0130000	Pome fruits	
0130010	Apples	0.08
0130020	Pears	0.08
0130030	Quinces	0.15
0130040	Medlars	0.15
0130050	Loquats/Japanese medlars	0.15
0130990	Others	0.01*
0140000	Stone fruits	
0140010	Apricots	0.15 (+)
0140020	Cherries (sweet)	0.15
0140030	Peaches	0.15 (+)
0140040	Plums	0.06
0140990	Others	0.01*
0150000	Berries and small fruits	(+)
0151000	(a) grapes	0.08
0151010	Table grapes	
0151020	Wine grapes	
0152000	(b) strawberries	0.09
0153000	(c) cane fruits	0.15
0153010	Blackberries	
0153020	Dewberries	
0153030	Raspberries (red and yellow)	
0153990	Others	
0154000	(d) other small fruits and berries	
0154010	Blueberries	0.15
0154020	Cranberries	0.15
0154030	Currants (black, red and white)	0.2
0154040	Gooseberries (green, red and yellow)	0.15
0154050	Rose hips	0.2
0154060	Mulberries (black and white)	0.2
0154070	Azaroles/Mediterranean medlars	0.15
0154080	Elderberries	0.15
0154990	Others	0.01*
0160000	Miscellaneous fruits with	
0161000	(a) edible peel	
0161010	Dates	0.01*
0161020	Figs	0.01*
0161030	Table olives	0.5
0161040	Kumquats	0.01*
0161050	Carambolas	0.01*
0161060	Kaki/Japanese persimmons	0.09
0161070	Jambuls/jambolans	0.01*
0161990	Others	0.01*
0162000	(b) inedible peel, small	
0162010	Kiwi fruits (green, red, yellow)	0.05
0162020	Litchis/lychees	0.01*
0162030	Passionfruits/maracujas	0.01*
0162040	Prickly pears/cactus fruits	0.01*
0162050	Star apples/cainitos	0.01*
0162060	American persimmons/Virginia kaki	0.01*
0162990	Others	0.01*
0163000	(c) inedible peel, large	
0163010	Avocados	0.01*
0163020	Bananas	0.15 (+)
0163030	Mangoes	0.15
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	0.01*
0200000	VEGETABLES, FRESH or FROZEN	
0210000	Root and tuber vegetables	
0211000	(a) potatoes	0.01*
0212000	(b) tropical root and tuber vegetables	0.01*
0212010	Cassava roots/manioc	
0212020	Sweet potatoes	
0212030	Yams	
0212040	Arrowroots	
0212990	Others	
0213000	(c) other root and tuber vegetables except sugar beets	
0213010	Beetroots	0.04
0213020	Carrots	0.04
0213030	Celeriacs/turnip rooted celeries	0.07
0213040	Horseradishes	0.04
0213050	Jerusalem artichokes	0.04

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0213060	Parsnips	0.04
0213070	Parsley roots/Hamburg roots parsley	0.04
0213080	Radishes	0.15
0213090	Salsifies	0.04
0213100	Swedes/rutabagas	0.04
0213110	Turnips	0.04
0213990	Others	0.01*
0220000	Bulb vegetables	0.06
0220010	Garlic	(+) (+)
0220020	Onions	
0220030	Shallots	
0220040	Spring onions/green onions and Welsh onions	
0220990	Others	
0230000	Fruiting vegetables	
0231000	(a) solanacea	
0231010	Tomatoes	0.07
0231020	Sweet peppers/bell peppers	0.1
0231030	Aubergines/eggplants	0.03
0231040	Okra/lady's fingers	0.15
0231990	Others	0.01*
0232000	(b) cucurbits with edible peel	
0232010	Cucumbers	0.05 (+)
0232020	Gherkins	0.15
0232030	Courgettes	0.15
0232990	Others	0.01*
0233000	(c) cucurbits with inedible peel	0.06
0233010	Melons	
0233020	Pumpkins	
0233030	Watermelons	
0233990	Others	
0234000	(d) sweet corn	0.05
0239000	(e) other fruiting vegetables	0.01*
0240000	Brassica vegetables (excluding brassica roots and brassica baby leaf crops)	
0241000	(a) flowering brassica	0.1
0241010	Broccoli	
0241020	Cauliflowers	
0241990	Others	
0242000	(b) head brassica	
0242010	Brussels sprouts	0.04
0242020	Head cabbages	0.15
0242990	Others	0.01*
0243000	(c) leafy brassica	
0243010	Chinese cabbages/pe-tsai	0.3 (+)
0243020	Kales	0.01*
0243990	Others	0.01*
0244000	(d) kohlrabies	0.01*
0250000	Leaf vegetables, herbs and edible flowers	
0251000	(a) lettuces and salad plants	
0251010	Lamb's lettuces/corn salads	1.5
0251020	Lettuces	0.15
0251030	Escaroles/broad-leaved endives	0.07 (+)
0251040	Cresses and other sprouts and shoots	0.7 (+)
0251050	Land cresses	0.7 (+)
0251060	Roman rocket/rucola	0.7 (+)
0251070	Red mustards	0.01*
0251080	Baby leaf crops (including brassica species)	0.7 (+)
0251990	Others	0.01*
0252000	(b) spinaches and similar leaves	
0252010	Spinaches	0.6
0252020	Purslanes	0.01*
0252030	Chards/beet leaves	0.2
0252990	Others	0.01*
0253000	(c) grape leaves and similar species	0.01*
0254000	(d) watercresses	0.01*
0255000	(e) witloofs/Belgian endives	0.01*
0256000	(f) herbs and edible flowers	0.7 (+)
0256010	Chervil	
0256020	Chives	
0256030	Celery leaves	
0256040	Parsley	
0256050	Sage	
0256060	Rosemary	
0256070	Thyme	
0256080	Basil and edible flowers	
0256090	Laurel/bay leave	
0256100	Tarragon	
0256990	Others	
0260000	Legume vegetables	
0260010	Beans (with pods)	0.4
0260020	Beans (without pods)	0.2
0260030	Peas (with pods)	0.2
0260040	Peas (without pods)	0.2
0260050	Lentils	0.2
0260990	Others	0.01*
0270000	Stem vegetables	
0270010	Asparagus	0.01*
0270020	Cardoons	0.01*
0270030	Celeries	0.03
0270040	Florence fennels	0.2
0270050	Globe artichokes	0.15
0270060	Leeks	0.2 (+)
0270070	Rhubarbs	0.01*
0270080	Bamboo shoots	0.01*
0270090	Palm hearts	0.01*
0270990	Others	0.01*
0280000	Fungi, mosses and lichens	
0280010	Cultivated fungi	0.01*
0280020	Wild fungi	0.5
0280990	Mosses and lichens	0.01*

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0290000	Algae and prokaryotes organisms	0.01*
0300000	PULSES	0.01*
0300010	Beans	
0300020	Lentils	
0300030	Peas	
0300040	Lupins/lupini beans	
0300990	Others	
0400000	OILSEEDS AND OIL FRUITS	
0401000	Oilseeds	
0401010	Linseeds	0.01*
0401020	Peanuts/groundnuts	0.2
0401030	Poppy seeds	0.01*
0401040	Sesame seeds	0.2
0401050	Sunflower seeds	0.01*
0401060	Rapeseeds/canola seeds	0.01*
0401070	Soyabeans	0.01*
0401080	Mustard seeds	0.01*
0401090	Cotton seeds	0.05
0401100	Pumpkin seeds	0.2
0401110	Safflower seeds	0.2
0401120	Borage seeds	0.01*
0401130	Gold of pleasure seeds	0.01*
0401140	Hemp seeds	0.2
0401150	Castor beans	0.2
0401990	Others	0.01*
0402000	Oil fruits	
0402010	Olives for oil production	0.5
0402020	Oil palms kernels	0.01*
0402030	Oil palms fruits	0.01*
0402040	Kapok	0.01*
0402990	Others	0.01*
0500000	CEREALS	
0500010	Barley	0.5
0500020	Buckwheat and other pseudo-cereals	0.01*
0500030	Maize/corn	0.01*
0500040	Common millet/proso millet	0.01*
0500050	Oat	0.3 (+)
0500060	Rice	0.01*
0500070	Rye	0.01*
0500080	Sorghum	0.01*
0500090	Wheat	0.01*
0500990	Others	0.01*
0600000	TEAS, COFFEE, HERBAL INFUSIONS, COCOA AND CAROBS	0.01*
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	
0632000	(b) leaves and herbs	
0632010	Strawberry	
0632020	Rooibos	
0632030	Mate/maté	
0632990	Others	
0633000	(c) roots	
0633010	Valerian	
0633020	Ginseng	
0633990	Others	
0639000	(d) any other parts of the plant	
0640000	Cocoa beans	
0650000	Carobs/Saint John's breads	
0700000	HOPS	10 (+)
0800000	SPICES	(+)
0810000	Seed spices	0.01*
0810010	Anise/aniseed	
0810020	Black caraway/black cumin	
0810030	Celery	
0810040	Coriander	
0810050	Cumin	
0810060	Dill	
0810070	Fennel	
0810080	Fenugreek	
0810090	Nutmeg	
0810990	Others	
0820000	Fruit spices	
0820010	Allspice/pimento	0.03
0820020	Sichuan pepper	0.03
0820030	Caraway	0.03
0820040	Cardamom	2
0820050	Juniper berry	0.03
0820060	Peppercorn (black, green and white)	0.03
0820070	Vanilla	0.03
0820080	Tamarind	0.03
0820990	Others	0.01*
0830000	Bark spices	0.01*
0830010	Cinnamon	
0830990	Others	
0840000	Root and rhizome spices	
0840010	Liquorice	0.05
0840020	Ginger	0.05
0840030	Turmeric/curcuma	0.05
0840040	Horseradish	
0840990	Others	0.05
0850000	Bud spices	0.01*
0850010	Cloves	
0850020	Capers	

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0850990	Others	
0860000	Flower pistil spices	0.01*
0860010	Saffron	
0860990	Others	
0870000	Aril spices	0.01*
0870010	Mace	
0870990	Others	
0900000	SUGAR PLANTS	
0900010	Sugar beet roots	0.01*
0900020	Sugar canes	0.05
0900030	Chicory roots	0.01*
0900990	Others	0.01*
1000000	PRODUCTS OF ANIMAL ORIGIN - TERRESTRIAL ANIMALS	
1010000	Tissues from	
1011000	(a) swine	
1011010	Muscle	0.01*
1011020	Fat tissue	0.3
1011030	Liver	0.02
1011040	Kidney	0.02
1011050	Edible offals (other than liver and kidney)	0.3
1011990	Others	0.01*
1012000	(b) bovine	
1012010	Muscle	0.02
1012020	Fat tissue	0.8
1012030	Liver	0.03
1012040	Kidney	0.03
1012050	Edible offals (other than liver and kidney)	0.8
1012990	Others	0.01*
1013000	(c) sheep	
1013010	Muscle	0.02
1013020	Fat tissue	0.8
1013030	Liver	0.03
1013040	Kidney	0.03
1013050	Edible offals (other than liver and kidney)	0.8
1013990	Others	0.01*
1014000	d) goat	
1014010	Muscle	0.02
1014020	Fat tissue	0.8
1014030	Liver	0.02
1014040	Kidney	0.02
1014050	Edible offals (other than liver and kidney)	0.8
1014990	Others	0.01*
1015000	(e) equine	
1015010	Muscle	0.02
1015020	Fat tissue	0.8
1015030	Liver	0.03
1015040	Kidney	0.03
1015050	Edible offals (other than liver and kidney)	0.8
1015990	Others	0.01*
1016000	(f) poultry	0.01*
1016010	Muscle	
1016020	Fat tissue	
1016030	Liver	
1016040	Kidney	
1016050	Edible offals (other than liver and kidney)	
1016990	Others	
1017000	(g) other farmed terrestrial animals	
1017010	Muscle	0.02
1017020	Fat tissue	0.8
1017030	Liver	0.03
1017040	Kidney	0.03
1017050	Edible offals (other than liver and kidney)	0.8
1017990	Others	0.01*
1020000	Milk	0.02
1020010	Cattle	
1020020	Sheep	
1020030	Goat	
1020040	Horse	
1020990	Others	
1030000	Birds eggs	0.01*
1030010	Chicken	
1030020	Duck	
1030030	Geese	
1030040	Quail	
1030990	Others	
1040000	Honey and other apiculture products	0.05*
1050000	Amphibians and Reptiles	0.01*
1060000	Terrestrial invertebrate animals	0.01*
1070000	Wild terrestrial vertebrate animals	0.01*

(*) Limit of analytical determination

(F) = Fat soluble

Lambda-cyhalothrin (includes gamma-cyhalothrin) (sum of R,S and S,R isomers) (F)

- (+) 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.

0110000 Citrus fruits

0110010 Grapefruits

0110020 Oranges

0110030 Lemons

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	0110040 Limes	
	0110050 Mandarins	
	0110990 Others	
(+)	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.	
	0140010 Apricots	
	0140030 Peaches	
(+)	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.	
	0150000 Berries and small fruits	
	0151000 (a) grapes	
	0151010 Table grapes	
	0151020 Wine grapes	
	0152000 (b) strawberries	
(+)	The European Food Safety Authority identified some information on 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 [Office of Publication: please insert date 2 years after publication], or, if that information is not submitted by that date, the lack of it.	
	0153000 (c) cane fruits	
	0153010 Blackberries	
	0153020 Dewberries	
	0153030 Raspberries (red and yellow)	
	0153990 Others	
	0154000 (d) other small fruits and berries	
	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	
(+)	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.	
	0163020 Bananas	
	0220020 Onions	
	0220030 Shallots	
	0232010 Cucumbers	
	0243010 Chinese cabbages/pe-tsai	
	0251030 Escaroles/broad-leaved endives	
	0251040 Cresses and other sprouts and shoots	
	0251050 Land cresses	
	0251060 Roman rocket/rucola	
	0251080 Baby leaf crops (including brassica species)	
	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 leave	
	0256100 Tarragon	
	0256990 Others	
	0270060 Leeks	
	0500050 Oat	

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Code number	Groups and examples of individual products to which the MRLs apply (a)	Lambda-cyhalothrin (includes gamma-cyhalothrin) (sum of R,S and S,R isomers) (F)
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(+) The European Food Safety Authority identified some information on on residue trials and 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.

0700000 HOPS

(+) 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.

0800000 SPICES**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****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****0830000 Bark spices****0830010 Cinnamon****0830990 Others****0840000 Root and rhizome spices****0840010 Liquorice****0840020 Ginger****0840030 Turmeric/curcuma**

(+) The applicable maximum residue level for horseradish (*Armoracia rusticana*) in the spice group (code 0840040) is the one set for horseradish (*Armoracia rusticana*) in the Vegetables category, root and tuber vegetables group (code 0213040) taking into account changes in the levels by processing (drying) according to Art. 20 (1) of Regulation (EC) No 396/2005.

0840040 Horseradish

(+) 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.

0840990 Others**0850000 Bud spices****0850010 Cloves****0850020 Capers****0850990 Others****0860000 Flower pistil spices****0860010 Saffron****0860990 Others****0870000 Aril spices****0870010 Mace****0870990 Others**