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COMMISSION DIRECTIVE 98/82/EC

of 27 October 1998

amending the Annexes to Council Directives 86/362/EEC, 86/363/EEC and 90/642/EEC on the fixing of maximum levels for pesticide residues in and on cereals, foodstuffs of animal origin and certain products of plant origin, including fruit and vegetables respectively

(Text with EEA relevance)

(OJ L 290, 29.10.1998, p. 25)

Corrected by:

►**C1** Corrigendum, OJ L 175, 10.7.1999, p. 83 (98/82)

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COMMISSION DIRECTIVE 98/82/EC

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amending the Annexes to Council Directives 86/362/EEC, 86/363/EEC and 90/642/EEC on the fixing of maximum levels for pesticide residues in and on cereals, foodstuffs of animal origin and certain products of plant origin, including fruit and vegetables respectively

(Text with EEA relevance)

THE COMMISSION OF THE EUROPEAN COMMUNITIES,

Having regard to the Treaty establishing the European Community,

Having regard to Council Directive 86/362/EEC of 24 July 1986 on the fixing of maximum levels for pesticide residues in and on cereals ([1]), as last amended by Commission Directive 97/71/EC ([2]), and in particular Article 10 thereof,

Having regard to Council Directive 86/363/EEC of 24 July 1986 on the fixing of maximum levels for pesticide residues in and on foodstuffs of animal origin ([3]), as last amended by Directive 97/71/EC, and in particular Article 10 thereof,

Having regard to Council Directive 90/642/EEC of 27 November 1990 on the fixing of maximum levels of pesticide residues in and on products of plant origin, including fruit and vegetables ([4]), as last amended by Directive 97/71/EC, and in particular Article 7 thereof,

Having regard to Council Directive 91/414/EEC of 15 July 1991 concerning the placing of plant protection products on the market ([5]), as last amended by Commission Directive 98/47/EC ([6]),

Whereas Council Directives 93/57/EEC ([7]) and 93/58/EEC ([8]) amended the Annexes II to Directives 86/362/EEC and 86/363/EEC and 90/642/EEC to establish maximum residue levels for a first list of pesticides for cereals and products of animal origin and for products of plant origin, including fruit and vegetables, respectively; whereas, however, certain positions were left open where available data were insufficient to establish maximum levels and interested parties were given the opportunity to generate the missing data within a specified timetable; whereas, if maximum levels are not adopted by 31 October 1998 the appropriate lower limit of analytical determination will apply;

Whereas, in accordance with the provisions of Directive 91/414/EEC, authorisations of plant protection products for use on specific crops are the responsibility of the Member States; whereas such authorisations are required to be based on the evaluation of effects on human and animal health and influence on the environment; whereas elements to be taken into account in such evaluations include operator and bystander exposure and impact on the terrestrial, aquatic and aerial environments, as well as impact on humans and animals through consumption of residues on treated crops;

Whereas, for cereals and products of plant origin, including fruit and vegetables, maximum residue levels reflect the use of minimum quantities of pesticides to achieve effective protection of plants, applied in such a manner that the amount of residue is the smallest practicable and is toxicologically acceptable, in particular in view of the protection of the environment and in terms of estimated dietary intake; whereas, for foodstuffs of animal origin, maximum residue levels reflect the

([1]) OJ L 221, 7. 8. 1986, p. 37.
([2]) OJ L 347, 18. 12. 1997, p. 42.
([3]) OJ L 221, 7. 8. 1986, p. 43.
([4]) OJ L 350, 14. 12. 1990, p. 71.
([5]) OJ L 230, 10. 8. 1991, p. 1.
([6]) OJ L 191, 7. 7. 1998, p. 50.
([7]) OJ L 211, 23. 8. 1993, p. 1.
([8]) OJ L 211, 23. 8. 1993, p. 6.

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consumption of cereals and products of plant origin treated with pesticides resulting in residues in animals and animal products, as well as taking into account the direct consequences of the use of veterinary medicines where appropriate;

Whereas maximum residue levels are fixed at the lower limit of analytical determination where authorised uses of plant protection do not result in detectable levels of pesticide residue in or on the food product, or where there are no authorised uses, or where uses which have been authorised by Member States have not been supported by the necessary data, or where uses in third countries resulting in residues in or on food products which may enter into circulation in the Community market have not been supported with such necessary data;

Whereas the lifetime exposure of consumers of food products treated with the pesticides covered by this Directive have been assessed and evaluated in accordance with the procedures and practices used within the European Community, taking account of guidelines published by the World Health Organisation ([1]);

Whereas the scientific approach and procedures for calculating acute reference doses (ARfDs) and estimating short−term acute dietary exposure have not yet been agreed at European Community level; whereas the Scientific Committee on Plants, considering that the scientific approach and procedures developed in the 1997 FAO/WHO consultation ([2]) is appropriate pending agreement at Community level, has calculated the maximum toxicologically acceptable residue levels for pome fruit, peaches, apricots and peppers ([3]) with regard to methamidophos; whereas on the basis of information on GAP and supervised field trials MRLs for methamidophos can be fixed at the levels indicated to be toxicologically acceptable for peaches and apricots; whereas in the absence of such information for pome fruit, in order to accomodate the residues of methamidophos arising from the use of acephate, the MRL for methamidophos should also be fixed at the toxicologically acceptable level; whereas Member States have to review, in particular for the abovementioned agricultural products, existing good agricultural practices to ensure that the established MRLs for acephate and methamidophos are satisfied;

Whereas maximum residue levels for pesticides should be kept under review; whereas the levels may be changed to take account of new information and data and, in particular, should be urgently reconsidered with a view to reduction if concerns about dietary exposure of consumers, based on new or reviewed information, are brought to the attention of the Commission, in particular in implementation of Article 9 of Directive 86/362/EEC, Article 9 of Directive 86/363/EEC or Article 8 of Directive 90/642/EEC; whereas, in particular, the MRLs fixed for acephate, metamidophos and vinclozolin in this Directive should be urgently reviewed together with the MRLs for these pesticides fixed by Directives 93/57/EEC and 93/58/EEC based on the evaluation work on these active substances under the provisions of Article 8(2) of Directive 91/414/EEC;

Whereas Community maximum residue levels and levels recommended by the Codex Alimentarius are fixed and evaluated following similar procedures; whereas however the information in the relevant evaluations of the FAO/WHO Joint Meeting on Pesticide Residues (JMPR) concerning the pesticides covered by this Directive have been presented in a way which over−summarises authorised uses/good agricultural

([1]) *Guidelines for predicting dietary intake of pesticide residues (revised), prepared by the GEMS/Food Programme in collaboration with the Codex Committee on Pesticide Residues*, published by the World Health Organisation 1997.

([2]) *Consultation on food consumption and intake assessment of chemicals, Geneva, Switzerland, 10 to 14 February 1997: Food Safety Unit, Programme of Food Safety and Food Aid, World Health Organisation 1997*; *WHO/FSF/FOS.97.5*

([3]) Opinion of the Scientific Committee on Plants regarding questions relating to amending the Annexes to Council Directives 86/362/EEC, 86/363/EEC and 90/642/EEC: SCP/RESI/024 Final: 4 August 1998.

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practices and supervised residue trials and does not indicate a clear basis for the recommended maximum level; whereas authorisations of plant protection products in third countries may require the use of greater quantities of pesticides or shorter pre−harvest intervals than are authorised in the Community and consequently may require higher residue levels; whereas the Community's trading partners have been consulted about the levels set out in this Directive through the World Trade Organisation and their comments on these levels have been considered and discussed by the Standing Committee on Plant Health; whereas the possibility of fixing import tolerance maximum residue levels for specific pesticide/crop combinations will be examined by the European Community on the basis of the submission of acceptable data;

Whereas the maximum residue levels established in this Directive will have to be reviewed in the framework of the re−evaluation of active substances provided for in the programme of work established in Article 8(2) of Directive 91/414/EEC;

Whereas the opinion of the Scientific Committee on Plants, in particular concerning the protection of consumers of food products treated with pesticides, has been taken into account;

Whereas this Directive is in accordance with the opinion of the Standing Committee on Plant Health,

HAS ADOPTED THIS DIRECTIVE:

Article 1

In Annex II of Directive 86/362/EEC in the lists of maximum residue levels for chlorothalonil, chlorpyriphos, chlorpyriphos−methyl, cypermethrin, deltamethrin, fenvalerate, glyphosate, imazalil, iprodione, permethrin, 'the benomyl group' (benomyl, carbendazim, thiophanate−methyl), 'the maneb group' (maneb, mancozeb, metiram, propineb, zineb) and procymidon are replaced by the lists set out in Annex A to this Directive.

Article 2

In Annex II of Directive 86/363/EEC the lists of maximum residue levels for chlorothalonil, chlorpyriphos, chlorpyriphos−methyl, cypermethrin, deltamethrin, fenvalerate, glyphosate, imazalil, iprodione, permethrin, 'the benomyl group' (benomyl, carbendazim, thiophanate−methyl), 'the maneb group' (maneb, mancozeb, metiram, propineb, zineb) and procymidon are replaced by the lists set out in Annex B to this Directive.

Article 3

In Annex II of Directive 90/642/EEC the lists of maximum residue levels for chlorothalonil, chlorpyriphos, chlorpyriphos−methyl, cypermethrin, deltamethrin, fenvalerate, glyphosate, imazalil, iprodione, permethrin, 'the benomyl group' (benomyl, carbendazim, thiophanate−methyl), 'the maneb group' (maneb, mancozeb, metiram, propineb, zineb) and procymidon and the maximum levels specifically fixed for tea are replaced by the lists set out in Annex C to this Directive.

Article 4

The maximum residue levels set out in Annex D to this Directive are fixed on a temporary basis for acephate, methamidophos and vinclozolin, in advance of the adoption for all agricultural products of reviewed maximum residue levels for these three pesticides on the basis of the evaluation works on these active substances under the provisions of Article 8(2) of Directive 91/414/EEC, and before 30 April 2001 at the latest, for acephate and methamidophos and before 31 December 1999 at the latest for vinclozolin.

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Article 5

1. This Directive will enter into force on 1 November 1998.

2. Member States shall adopt and publish the legislative, regulatory or administrative measures to comply with this Directive by 30 April 1999. They shall immediately inform the Commission thereof.

They shall apply these measures as from 1 August 1999.

When Member States adopt these measures, they shall contain a reference to this Directive or shall be accompanied by such reference at the time of their official publication. The procedure for such reference shall be adopted by Member States.

Article 6

This Directive is addressed to the Member States.

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ANNEX A

Groups and examples of individual products to which the MRLs apply	Pesticide residues and maximum residue levels (mg/kg)						
	Benomyl/carbendazim tiophanate–methyl (sum expressed as carbendazim)	Chlorothalonil	Chlorpyrifos	Chlorpyrifos methyl	Cypermethrin, including other mixtures of constituent isomers (sum of isomers)	Deltamethrin	Fenvalerate, including other mixtures of constituents (sum of isomers)
CEREALS	0,1 (*)			3		1	
Barley		0,1	0,2		0,2		0,2
Buckwheat							
Maize							
Millet							
Oats		0,1	0,05 (*)		0,2		0,2
Rice							
Rye		0,1	0,05 (*)				
Sorghum							
Triticale		0,1					
Wheat		0,1					
Cereals others		0,01 (*)	0,05 (*)		0,05 (*)		0,05 (*)

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Groups and examples of individual products to which the MRLs apply	Pesticide residues and maximum residue levels (mg/kg)					
	Glyphosate	Imazalil	Iprodione	Maneb, mancozeb, metiram, propineb, zineb (sum expressed as CS2)	Permethrin (sum of isomers)	Procymidone
CEREALS		0,02 (*)				0,02 (*)
Barley	20		1	2		
Buckwheat						
Maize					0,2	
Millet						
Oats	20			2		
Rice			3			
Rye	5			1		
Sorghum	20					
Triticale	5					
Wheat	5		0,5	1		
Cereals others	0,1 (*)		0,02 (*)	0,05 (*)	2	

(*) Lower limit of analytical determination.

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ANNEX B

(part A)

Maximum levels in mg/kg (ppm)			
Pesticide residues	Of fat contained in meat, preparations of meat, offal and animal fats listed in Annex I within CN code Nos ex 0201, 0202,0203, 0204, 0205 00 00, 0206, 0207, ex 0208, 0209 00, 0210, 1601 00 and 1602 (1) (4)	For cow's milk and whole cream cow's milk listed in Annex I within CN code No 0401; for other foodstuffs within CN code Nos 0401, 0402, 0405 00, 0406 in accordance with (2) (4)	Of shelled fresh eggs, for bird's eggs and egg yolks listed in Annex I within CN code Nos 0407 00 and 0408 (3) (4)
Chlorpyrifos	0,05 (*) ex 0 207 poultry meat	0,01 (*)	0,01 (*)
Chlorpyrifos−methyl	0,05 (*)	0,01 (*)	0,01 (*)
Cypermethrin, including other mixtures of	0,05 (*) ex 0 207 poultry meat 0,2 other products	0,02	0,05 (*)
Deltamethrin	0,05 (*) ex 0 207 poultry meat		0,05 (*)
Fenvalerate, including other mixtures of constitu-	0,05 (*) ex 0 207 poultry meat 0,5 other products	0,05	0,05 (*)
Permethrin (sum of isomers)	0,5	0,05	0,05

(*) Indicates lower limit of analytical determination.

(1) In case of foodstuffs with a fat content of 10 % or less by weight, the residue is related to the total weight of the boned foodstuff. In such cases, the maximum level is one−tenth of the value related to the fat content, but must be no less than 0,01 mg/kg.

(2) In determining the residues in raw cow's milk and whole cream cow's milk, a fat content of 4 % by weight should be taken as basis.

For raw milk and whole cream milk of another animal origin the residues are expressed on the basis of the fat.

For other foodstuffs listed in Annex I within CN code Nos 0401, 0402, 0405 00, 0406:

— with a fat content of less than 2 % by weight, the maximum level is taken as half that set for raw milk and whole cream milk,

— with a fat content of 2 % or more by weight, the maximum level is expressed in mg/kg of fat. In such cases, the maximum level is 25 times that set for raw milk and whole cream milk.

(3) For eggs and egg products with a fat content higher than 10 % the maximum level is expressed in mg/kg fat. In this case the maximum level is 10 times higher than the maximum level for fresh eggs.

(4) Footnotes (1), (2) and (3) do not apply in cases where lower limit of analytical determination is indicated.

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(part B)

Maximum levels in mg/kg (ppm)			
Pesticide residues	Of meat, including fat, preparations of meat, offal and animal fats listed in Annex I within CN code Nos ex 0201, 0202, 0203, 0204, 0205 00 00, 0206, 0207, ex 0208, 0209 00, 0210, 1601 00 and 1602	For milk and milk products listed in Annex I within CN code Nos 0401, 0402, 0405 00, and 0406	Of shelled fresh eggs, for bird's eggs and egg yolks listed in Annex I within CN code Nos 040700 and 0408
Benomyl/carbendazim tiophanate−methyl (sum expressed as carbendazim)	0,1 (*)	0,1 (*)	0,1 (*)
Chlorothalonil	0,01 (*)	0,01 (*)	0,01 (*)
Glyphosate	0,5 ex 0 206 pig kidney 2 ex 0 206 cattle, goat and sheep kidney 0,1 (*) other products	0,1 (*)	0,1 (*)
Imazalil	0,02 (*)	0,02 (*)	0,02 (*)
Maneb, mancozeb, metiram, probineb, zineb (sum expressed as CS2)	0,05 (*)	0,05 (*)	0,05 (*)
Vinclozolin, iprodione, procymidone (sum of compounds and all metabolites containing the 3,5−dichloroaniline moity expressed as 3,5−dichloroaniline)	0,05 (*)	0,05 (*)	0,05 (*)

(*) Indicates lower limit of analytical determination.

ANNEX C

Groups and examples of individual products to which the MRLs apply	Pesticide residues and maximum residue levels (mg/kg)						
	Benomyl/carbendazim tiophanate−methyl (sum expressed as carbendazim)	Chlorothalonil	Chlorpyrifos	Chlorpyrifosmethyl	Cypermethrin, including other mixtures of constituent isomers (sum of isomers)	Deltamethrin	Fenvalerate including other mixtures of constituents (sum of isomers)
1. **Fruit, fresh, dried or uncooked preserved by freezing not containing added sugar; nuts**							
(i) CITRUS FRUIT	5	0,01 (*)			2	0,05 (*)	0,05 (*)
Grapefruit			0,3				
Lemons			0,2	0,3			
Limes			0,3				
Mandarins (including clementines and similar hybrids)			2	1			
Oranges			0,3	0,5			
Pomelos			0,3				
Others			0,3	0,05 (*)			
(ii) TREE NUTS (shelled or unshelled)	0,1 (*)	0,01 (*)	0,05 (*)	0,05 (*)	0,05 (*)	0,05 (*)	0,05 (*)
Almonds							
Brazil nuts							
Cashew nuts							
Chestnuts							
Coconuts							
Hazelnuts							
Macadamia							
Pecans							

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Groups and examples of individual products to which the MRLs apply	Pesticide residues and maximum residue levels (mg/kg)						
	Benomyl/carbendazim tiophanate−methyl (sum expressed as carbendazim)	Chlorothalonil	Chlorpyrifos	Chlorpyrifosmethyl	Cypermethrin, including other mixtures of constituent isomers (sum of isomers)	Deltamethrin	Fenvalerate including other mixtures of constituents (sum of isomers)
Pine nuts							
Pistachios							
Walnuts							
Others							
(iii) POME FRUIT	2	1	0,5	0,5	1	0,1	1 (x)
Apples							
Pears							
Quinces							
Others							
(iv) STONE FRUIT						0,1	0,05 (*)
Apricots	1	1			2		
Cherries			0,3		1		
Peaches (including nectarines and similar hybrids)	1	1	0,2	0,5	2		
Plums	0,5		0,2		1		
Others	0,1 (*)	0,01 (*)	0,05 (*)	0,05 (*)	0,05 (*)		
(v) BERRIES AND SMALL FRUIT							
(a) Table and wine grapes	2		0,5	0,2	0,5	0,1	1 (x)
Table grapes		1					
Wine grapes		3					
(b) Strawberries (other than wild)		3	0,2	0,5	0,05 (*)	0,05 (*)	0,05 (*)

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Groups and examples of individual products to which the MRLs apply	Pesticide residues and maximum residue levels (mg/kg)						
	Benomyl/carbendazim tiophanate–methyl (sum expressed as carbendazim)	Chlorothalonil	Chlorpyrifos	Chlorpyrifosmethyl	Cypermethrin, including other mixtures of constituent isomers (sum of isomers)	Deltamethrin	Fenvalerate including other mixtures of constituents (sum of isomers)
(c) Cane fruit (other than wild)	0,1 (*)	10 (x)		0,05 (*)	0,5		0,05 (*)
Blackberries			0,5			0,5	
Dewberries							
Loganberries							
Raspberries			0,5			0,5	
Others			0,05 (*)			0,05 (*)	
(d) Other small fruit and berries (other than wild)	0,1 (*)			0,05 (*)	0,05 (*)		0,05 (*)
Bilberries (fruit of species *Vaccinium myrtillus*)							
Cranberries		2					
Currants (red, black and white)		10	1			0,2	
Gooseberries		10	1			0,2	
Others		0,01 (*)	0,05 (*)			0,05 (*)	
(e) Wild berries and wild fruit	0,1 (*)	0,01 (*)	0,05 (*)	0,05 (*)	2	0,05 (*)	0,05 (*)
(vi) MISCELLANEOUS				0,05 (*)	0,05 (*)		0,05 (*)
Avocados							
Bananas	1	0,2	3				
Dates							
Figs							
Kiwi			2				
Kumquats							

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Groups and examples of individual products to which the MRLs apply	Pesticide residues and maximum residue levels (mg/kg)						
	Benomyl/carbendazim tiophanate−methyl (sum expressed as carbendazim)	Chlorothalonil	Chlorpyrifos	Chlorpyrifosmethyl	Cypermethrin, including other mixtures of constituent isomers (sum of isomers)	Deltamethrin	Fenvalerate including other mixtures of constituents (sum of isomers)
Litchis							
Mangoes							
Olives						0,1 (*)	
Passion fruit							
Pineapples							
Pomegranates							
Others	0,1 (*)	0,01 (*)	0,05 (*)			0,05 (*)	
2. **Vegetables, fresh or uncooked, frozen or dry**							
(i) ROOT AND TUBER VEGETABLES	0,1 (*)			0,05 (*)	0,05 (*)	0,05 (*)	0,05 (*)
Beetroot							
Carrots		1	0,1				
Celeriac		0,5					
Horseradish							
Jerusalem artichokes							
Parsnips							
Parsley root							
Radishes			0,2				
Salsify							
Sweet potatoes							
Swedes							

Groups and examples of individual products to which the MRLs apply	Pesticide residues and maximum residue levels (mg/kg)						
	Benomyl/carbendazim tiophanate−methyl (sum expressed as carbendazim)	Chlorothalonil	Chlorpyrifos	Chlorpyrifosmethyl	Cypermethrin, including other mixtures of constituent isomers (sum of isomers)	Deltamethrin	Fenvalerate including other mixtures of constituents (sum of isomers)
Turnips							
Yams							
Others		0,01 (*)	0,05 (*)				
(ii) BULB VEGETABLES	0,1 (*)			0,05 (*)			0,05 (*)
Garlic		0,5			0,1	0,1	
Onions		0,5	0,2		0,1	0,1	
Shallots		0,5			0,1	0,1	
Spring onions		5				0,1	
Others		0,01 (*)	0,05 (*)		0,05 (*)	0,05 (*)	
(iii) FRUITING VEGETABLES							
(a) *Solanacea*		2	0,5	0,5	0,5	0,2	
Tomatoes	0,5						1 (x)
Peppers							0,2 (x)
Aubergines	0,5						
Others	0,1 (*)						0,05 (*)
(b) Cucurbits — edible peel			0,05 (*)	0,05 (*)	0,2	0,1	
Cucumbers	0,5	1					0,2 (x)
Gherkins		5					
Courgettes	0,3						
Others	0,1 (*)	0,01 (*)					0,05 (*)
(c) Cucurbits — inedible peel		1	0,05 (*)	0,05 (*)	0,2	0,05 (*)	

Groups and examples of individual products to which the MRLs apply	Pesticide residues and maximum residue levels (mg/kg)						
	Benomyl/carbendazim tiophanate−methyl (sum expressed as carbendazim)	Chlorothalonil	Chlorpyrifos	Chlorpyrifosmethyl	Cypermethrin, including other mixtures of constituent isomers (sum of isomers)	Deltamethrin	Fenvalerate including other mixtures of constituents (sum of isomers)
Melons	0,5						0,2 (x)
Squashes	0,5						0,5 (x)
Watermelons							0,5 (x)
Others	0,1 (*)						0,05 (*)
(d) Sweetcorn	0,1 (*)	0,01 (*)	0,05 (*)	0,05 (*)	0,05 (*)	0,05 (*)	0,05 (*)
(iv) BRASSICA VEGETABLES							
(a) Flowering brassica	0,1 (*)	3	0,05 (*)	0,05 (*)	0,5	0,1	1 (x)
Broccoli							
Cauliflower							
Others							
(b) Head brassica				0,05 (*)	0,5	0,1	0,05 (*)
Brussels sprouts	0,5	0,5					
Head cabbage		3	1				
Others	3	0,01 (*)	0,05 (*)				
(c) Leafy brassica	0,1 (*)	0,01 (*)		0,05 (*)	1	0,5	
Chinese cabbage			0,5				1 (x)
Kale							
Others			0,05 (*)				0,05 (*)
(d) Kohlrabi	0,1 (*)	0,01 (*)	0,05 (*)	0,05 (*)	0,2	0,05 (*)	0,05 (*)
(v) LEAF VEGETABLES AND FRESH HERBS							

Groups and examples of individual products to which the MRLs apply	Pesticide residues and maximum residue levels (mg/kg)						
	Benomyl/carbendazim tiophanate−methyl (sum expressed as carbendazim)	Chlorothalonil	Chlorpyrifos	Chlorpyrifosmethyl	Cypermethrin, including other mixtures of constituent isomers (sum of isomers)	Deltamethrin	Fenvalerate including other mixtures of constituents (sum of isomers)
(a) Lettuce and similar		0,01 (*)	0,05 (*)	0,05 (*)	2	0,5	0,05 (*)
Cress							
Lamb's lettuce							
Lettuce	5						
Scarole							
Others	0,1 (*)						
(b) Spinach and similar	0,1 (*)	0,01 (*)	0,05 (*)	0,05 (*)	0,5	0,5	0,05 (*)
Spinach							
Beet leaves (chord)							
Others							
(c) Watercress	0,1 (*)	0,01 (*)	0,05 (*)	0,05 (*)	0,05 (*)	0,05 (*)	0,05 (*)
(d) Witloof	0,1 (*)	0,01 (*)	0,05 (*)	0,05 (*)	0,05 (*)	0,05 (*)	0,05 (*)
(e) Herbs	0,1 (*)	5	0,05 (*)	0,05 (*)	2	0,5	0,05 (*)
Chervil							
Chives							
Parsley							
Celery leaves							
Others							
(vi) LEGUME VEGETABLES (fresh)	0,1 (*)		0,05 (*)	0,05 (*)			0,05 (*)
Beans (with pods)					0,5	0,2	
Beans (without pods)		0,05					

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Groups and examples of individual products to which the MRLs apply	Pesticide residues and maximum residue levels (mg/kg)						
	Benomyl/carbendazim tiophanate−methyl (sum expressed as carbendazim)	Chlorothalonil	Chlorpyrifos	Chlorpyrifosmethyl	Cypermethrin, including other mixtures of constituent isomers (sum of isomers)	Deltamethrin	Fenvalerate including other mixtures of constituents (sum of isomers)
Peas (with pods)		2			0,5	0,1	
Peas (without pods)							
Others		0,01 (*)			0,05 (*)	0,05 (*)	
(vii) STEM VEGETABLES				0,05 (*)			0,05 (*)
Asparagus							
Cardoons							
Celery	2 (x)	10 (x)					
Fennel							
Globe artichokes			1		2	0,1	
Leek		10			0,5	0,2	
Rhubarb	2						
Others	0,1 (*)	0,01 (*)	0,05 (*)		0,05 (*)	0,05 (*)	
(viii) FUNGI			0,05 (*)	0,05 (*)		0,05 (*)	0,05 (*)
(a) Cultivated mushrooms	1	2			0,05 (*)		
(b) Wild mushrooms	0,1 (*)	0,01 (*)			1		
3. **Pulses**		0,01 (*)	0,05 (*)	0,05 (*)	0,05 (*)	1	0,05 (*)
Beans	2						
Lentils							
Peas							
Others	0,1 (*)						
4. **Oil seed**			0,05 (*)	0,05 (*)			0,1 (x)

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Groups and examples of individual products to which the MRLs apply	Pesticide residues and maximum residue levels (mg/kg)						
	Benomyl/carbendazim tiophanate–methyl (sum expressed as carbendazim)	Chlorothalonil	Chlorpyrifos	Chlorpyrifosmethyl	Cypermethrin, including other mixtures of constituent isomers (sum of isomers)	Deltamethrin	Fenvalerate including other mixtures of constituents (sum of isomers)
Linseed					0,2		
Peanuts		0,05					
Poppy seed					0,2		
Sesame seed					0,2		
Sunflower seed					0,2		
Rapeseed					0,2	0,1	
Soyabean	0,2						
Mustard seed							
Cotton seed					0,2		
Others	0,1 (*)	0,01 (*)			0,05 (*)	0,05 (*)	
5. **Potatoes**	3 (x)	0,01 (*)	0,05 (*)	0,05 (*)	0,05 (*)		0,05 (*)
Early potatoes						0,05 (*)	
Ware potatoes						0,5	
6. **Tea** (dried leaves and stalks fermented or otherwise, *Camellia sinensis*)	0,1 (*)	0,1 (*)	0,1 (*)	0,1 (*)	0,5	5	10 (x)
7. **Hops (dried)**, including hop pellets and unconcentrated powder	0,1 (*)	50	0,1 (*)	0,1 (*)	30	5	5 (x)

(*) Indicates lower limit of analytical determination.

▼C1

(x) Should this level not be confirmed or amended by a directive, with effect from 1 July 2000, the appropriate lower limit of analytical determination shall apply.

▼B

Groups and examples of individual products to which the MRLs apply	Pesticide residues and maximum residue levels (mg/kg)					
	Glyphosate	Imazalil	Iprodione	Maneb, mancozeb, metiram, probineb, zineb (sum expressed as CS2)	Permethrin (sum of isomers)	Procymidone
1. **Fruit, fresh, dried or uncooked preserved by freezing not containing added sugar; nuts**						
(i) CITRUS FRUIT	0,1 (*)	5		5	0,5	0,02 (*)
Grapefruit						
Lemons			5			
Limes						
Mandarins (including clementines and similar hybrids)			2			
Oranges						
Pomelos						
Others			0,02 (*)			
(ii) TREE NUTS (shelled or unshelled)	0,1 (*)	0,02 (*)		0,1 (*)		0,05 (*)
Almonds					0,1	
Brazil nuts						
Cashew nuts						
Chestnuts						
Coconuts						
Hazelnuts			0,2			
Macadamia						
Pecans						
Pine nuts						

▼B

Groups and examples of individual products to which the MRLs apply	Pesticide residues and maximum residue levels (mg/kg)					
	Glyphosate	Imazalil	Iprodione	Maneb, mancozeb, metiram, probineb, zineb (sum expressed as CS2)	Permethrin (sum of isomers)	Procymidone
Pistachios						
Walnuts						
Others			0,02 (*)		0,05 (*)	
(iii) POME FRUIT	0,1 (*)	5	10	3	1	
Apples						
Pears						1
Quinces						
Others						0,02 (*)
(iv) STONE FRUIT	0,1 (*)	0,02 (*)	5		1	
Apricots				2		
Cherries				1		0,02 (*)
Peaches (including nectarines and similar hybrids)				2		
Plums				1		
Others				0,05 (*)		2
(v) BERRIES AND SMALL FRUIT						
(a) Table and wine grapes	0,1 (*)	0,02 (*)	10	2	1	5
Table grapes						
Wine grapes						
(b) Strawberries (other than wild)	0,1 (*)	0,02 (*)	10	2	1	5
(c) Cane fruit (other than wild)	0,1 (*)	0,02 (*)	5	0,05 (*)	0,05 (*)	
Blackberries						

▼B

Groups and examples of individual products to which the MRLs apply	Pesticide residues and maximum residue levels (mg/kg)					
	Glyphosate	Imazalil	Iprodione	Maneb, mancozeb, metiram, probineb, zineb (sum expressed as CS2)	Permethrin (sum of isomers)	Procymidone
Dewberries						
Loganberries						
Raspberries						10
Others						0,02 (*)
(d) Other small fruit and berries (other than wild)	0,1 (*)	0,02 (*)			0,05 (*)	0,02 (*)
Bilberries (fruit of species *Vaccinium myrtillus*)			10			
Cranberries						
Currants (red, black and white)			10	5		
Gooseberries			10	5		
Others			0,02 (*)	0,05 (*)		
(e) Wild berries and wild fruit	0,1 (*)	0,02 (*)	0,02 (*)	0,05 (*)	0,05 (*)	0,02 (*)
(vi) MISCELLANEOUS				0,05 (*)		
Avocados						
Bananas		2	3			
Dates						
Figs						
Kiwi			5		1	5
Kumquats						
Litchis						
Mangoes						

▼B

Groups and examples of individual products to which the MRLs apply	Pesticide residues and maximum residue levels (mg/kg)					
	Glyphosate	Imazalil	Iprodione	Maneb, mancozeb, metiram, probineb, zineb (sum expressed as CS2)	Permethrin (sum of isomers)	Procymidone
Olives						
Olives (table consumption)	0,1 (*)					
Olives (oil extraction)	2					
Passion fruit						
Pineapples						
Pomegranates						
Others	0,1 (*)	0,02 (*)	0,02 (*)		0,05 (*)	0,02 (*)
2. **Vegetables, fresh or uncooked, frozen or dry**						
(i) ROOT AND TUBER VEGETABLES	0,1 (*)	0,02 (*)				0,02 (*)
Beetroot			0,5			
Carrots			0,3	0,2		
Celeriac				0,2	0,1	
Horseradish			0,1			
Jerusalem artichokes						
Parsnips			0,1			
Parsley root						
Radishes			0,3	0,2	0,1	
Salsify				0,2		
Sweet potatoes						
Swedes						
Turnips						

▼B

Groups and examples of individual products to which the MRLs apply	Pesticide residues and maximum residue levels (mg/kg)					
	Glyphosate	Imazalil	Iprodione	Maneb, mancozeb, metiram, probineb, zineb (sum expressed as CS2)	Permethrin (sum of isomers)	Procymidone
Yams						
Others			0,02 (*)	0,05 (*)	0,05 (*)	
(ii) BULB VEGETABLES	0,1 (*)	0,02 (*)			0,05 (*)	
Garlic			5	0,5		0,2
Onions			5	0,5		0,2
Shallots			5	0,5		0,2
Spring onions			3			
Others			0,02 (*)	0,05 (*)		0,02 (*)
(v) FRUITING VEGETABLES						
(a) *Solanacea*	0,1 (*)		5		0,5	2
Tomatoes		0,5		3		
Peppers						
Aubergines						
Others		0,02 (*)		2		
(b) Cucurbits — edible peel	0,1 (*)	0,2	2		0,1	1
Cucumbers				0,5		
Gherkins				2		
Courgettes				2		
Others				0,05 (*)		
(c) Cucurbits — inedible peel	0,1 (*)			0,5	0,1	1
Melons		2	0,3			

▼B

Groups and examples of individual products to which the MRLs apply	Pesticide residues and maximum residue levels (mg/kg)					
	Glyphosate	Imazalil	Iprodione	Maneb, mancozeb, metiram, probineb, zineb (sum expressed as CS2)	Permethrin (sum of isomers)	Procymidone
Squashes						
Watermelons						
Others		0,02 (*)	0,02 (*)			
(d) Sweetcorn	0,1 (*)	0,02 (*)	0,02 (*)	0,05 (*)	0,1	0,02 (*)
(iv) BRASSICA VEGETABLES						
(a) Flowering brassica	0,1 (*)	0,02 (*)	0,05	1		0,02 (*)
Broccoli						
Cauliflower					0,1	
Others					0,05 (*)	
(b) Head brassica	0,1 (*)	0,02 (*)		1		0,02 (*)
Brussels sprouts			0,5			
Head cabbage			5		1	
Others			0,02 (*)		0,05 (*)	
(c) Leafy brassica	0,1 (*)	0,02 (*)		0,5	1	0,02 (*)
Chinese cabbage			5			
Kale						
Others			0,02 (*)			
(d) Kohlrabi	0,1 (*)	0,02 (*)	0,1	0,1 (*)	0,05 (*)	0,02 (*)
(v) LEAF VEGETABLES AND FRESH HERBS						

▼B

Groups and examples of individual products to which the MRLs apply	Pesticide residues and maximum residue levels (mg/kg)					
	Glyphosate	Imazalil	Iprodione	Maneb, mancozeb, metiram, probineb, zineb (sum expressed as CS2)	Permethrin (sum of isomers)	Procymidone
(a) Lettuce and similar	0,1 (*)	0,02 (*)	10	5	2	5
Cress						
Lamb's lettuce						
Lettuce						
Scarole						
Others						
(b) Spinach and similar	0,1 (*)	0,02 (*)	0,02 (*)	0,05 (*)	1	0,02 (*)
Spinach						
Beet leaves (chord)						
Others						
(c) Water cress	0,1 (*)	0,02 (*)	0,02 (*)	0,3	0,05 (*)	0,02 (*)
(d) Witloof	0,1 (*)	0,02 (*)	2	0,2	0,05 (*)	2
(e) Herbs	0,1 (*)	0,02 (*)	10	5	2	0,02 (*)
Chervil						
Chives						
Parsley						
Celery leaves						
Others						
(vi) LEGUME VEGETABLES (fresh)	0,1 (*)	0,02 (*)				
Beans (with pods)			5	1	0,5	2
Beans (without pods)				0,1		

▼B

Groups and examples of individual products to which the MRLs apply	Pesticide residues and maximum residue levels (mg/kg)					
	Glyphosate	Imazalil	Iprodione	Maneb, mancozeb, metiram, probineb, zineb (sum expressed as CS2)	Permethrin (sum of isomers)	Procymidone
Peas (with pods)			1	1	0,1	1
Peas (without pods)			0,2	0,1		0,3
Others			0,02 (*)	0,05 (*)	0,05 (*)	0,02 (*)
(vii) STEM VEGETABLES	0,1 (*)	0,02 (*)				0,02 (*)
Asparagus						
Cardoons						
Celery				0,5	2	
Fennel						
Globe artichokes						
Leek				3	0,5	
Rhubarb			0,2		2	
Others			0,02 (*)	0,05 (*)	0,05 (*)	
(viii) FUNGI		0,02 (*)	0,02 (*)	0,05 (*)	0,05 (*)	0,02 (*)
(a) Cultivated mushrooms	0,1 (*)					
(b) Wild mushrooms	50					
3. **Pulses**		0,02 (*)	0,2	0,05 (*)	0,05 (*)	
Beans	2					
Lentils						
Peas	3					0,2
Others	0,1 (*)					0,02 (*)
4. **Oil seed**		0,02 (*)				

▼B

Groups and examples of individual products to which the MRLs apply	Pesticide residues and maximum residue levels (mg/kg)					
	Glyphosate	Imazalil	Iprodione	Maneb, mancozeb, metiram, probineb, zineb (sum expressed as CS2)	Permethrin (sum of isomers)	Procymidone
Linseed	10		0,1			
Peanuts					0,1	
Poppy seed						
Sesame seed						
Sunflower seed (with shell)						1
Sunflower seed (without shell)						
Rapeseed	10		0,5	0,5	0,1	1
Soyabean	20					1
Mustard seed	10				0,1	
Cotton seed					0,2	
Others	0,1 (*)		0,02 (*)	0,1 (*)	0,05 (*)	0,05 (*)
5. **Potatoes**	0,1 (*)		0,02 (*)	0,05 (*)	0,05 (*)	0,02 (*)
Early potatoes		0,02 (*)				
Ware potatoes		5				
6. **Tea** (dried leaves and stalks fermented or otherwise, *Camellia sinensis*)	0,1 (*)	0,1 (*)	0,1 (*)	0,1 (*)	2	0,1 (*)
7. **Hops (dried)**, including hop pellets and unconcentrated powder	0,1 (*)	0,1 (*)	0,1 (*)	25	0,1 (*)	0,1 (*)

(*) Indicates lower limit of analytical determination.

▼B

►C1 Pesticide residues *(Camellia sinensis)* ◄	Maximum levels in mg/kg (ppm)
Aldrin/dieldrin (singly or combined expressed as dieldrin (HEOD))	0,02
Endosulfan (sum of alpha− and beta−isomers and of endosulfan sulphate, expressed as endosulfan)	30
HCH	0,2
Biphentrin	5
Bromopropylate	0,1 (*)
Cartap	20
Chlordane (sum of cis− and trans−isomers)	0,02 (*)
Dichlorvos	0,1 (*)
Dicofol	20
Dimethoate	0,2
Omethoate	0,1
Ethion	2
Fenitrothion	0,5
Flucythrinate (sum of isomers)	0,1 (*)
HCB	0,01 (*)
Malathion (sum of malathion and malaoxon expressed as malathion)	0,5
Methidathion	0,1 (*)
Monocrotophos	0,1 (*)
Phoxim	0,1 (*)
Profenophos	0,1 (*)
Propargite	5
Quinalphos	2 (x)

▼B

►C1 Pesticide residues *(Camellia sinensis)* ◄	Maximum levels in mg/kg (ppm)
Phosmet (sum of phosmet and phosmet oxon expressed as phosmet)	0,1 (*)

(*) Indicates lower limit of analytical determination.

▼C1

([x]) Should this level not be confirmed or amended by a directive, with effect from 1 July 2000, the appropriate lower limit of analytical determination shall apply.

▼B

ANNEX D

1. **Acephate**

Product	MRL
Pome fruit	1
Peaches	0,2 (x)
Plums	2
Peppers	0,02 (*)
Aubergines	0,5
Cucumbers	0,02 (*)
Fl. brassica	2
Leaf brassica	0,02 (*)
Beans (with pods)	3
Peas (with pods)	3
Beans (without pods)	0,02 (*)
Peas (without pods)	0,02 (*)
Globe artichokes	0,2
Leeks	0,02 (*)
Beans (pulses)	0,02 (*)
Peas (pulses)	0,02 (*)
Hops	0,1 (*)

2. **Methamidophos**

Product	MRL
Pome fruit	0,05
Apricots	0,1
Peaches	0,05
Plums	0,3
Other stone fruit	0,01 (*)
Peppers	0,01 (*)
Fl. brassica	0,5
Legume veg (with pods)	0,5
Legume veg (without pods)	0,01 (*)
Globe artichokes	0,1
Leeks	0,01 (*)
Beans, pulses	0,01 (*)
Peas, pulses	0,01 (*)

▼B

3. **Vinclozolin**

Product	MRL
Plums	2
Currants	10
Carrots	0,5
Kiwi	10
Horseradish	0,05 (*)
Radishes	0,05 (*)
Swedes	0,05 (*)
Beans (without pods)	0,5
Peas (without pods)	0,3
Celery	0,05 (*)
Dry peas and beans	0,5
Other pulses	0,05 (*)

(*) Indicates lower limit of analytical determination.

(x) Should this level not be confirmed or amended by a Directive, with effect from 1 July 2000, the appropriate lower limit of analytical determination shall apply.