

DIRECTIVES

COMMISSION DIRECTIVE 2008/17/EC

of 19 February 2008

amending certain Annexes to Council Directives 86/362/EEC, 86/363/EEC and 90/642/EEC as regards maximum residue levels for acephate, acetamiprid, acibenzolar-S-methyl, aldrin, benalaxyl, benomyl, carbendazim, chlormequat, chlorothalonil, chlorpyrifos, clofentezine, cyfluthrin, cypermethrin, cyromazine, dieldrin, dimethoate, dithiocarbamates, esfenvalerate, famoxadone, fenhexamid, fenitrothion, fenvalerate, glyphosate, indoxacarb, lambda-cyhalothrin, mepanipyrim, metalaxyl-M, methidathion, methoxyfenozide, pymetrozine, pyraclostrobin pyrimethanil, spiroxamine, thiacloprid, thiophanate-methyl and trifloxystrobin

(Text with EEA relevance)

THE COMMISSION OF THE EUROPEAN COMMUNITIES,

Whereas:

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⁾, 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 ⁽²⁾, and in particular Article 10 thereof,

Having regard to Council Directive 90/642/EEC of 27 November 1990 on the fixing of maximum levels for pesticide residues in and on certain products of plant origin, including fruit and vegetables ⁽³⁾, 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 ⁽⁴⁾, and in particular Article 4(1)(f) thereof,

(1) In accordance with Directive 91/414/EEC, authorisations of plant protection products for use on specific crops are the responsibility of the Member States. Such authorisations have to be based on the evaluation of effects on human and animal health and influence on the environment. 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.

(2) Maximum residue levels (MRLs) 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 terms of estimated dietary intake.

(3) MRLs for pesticides covered by Directive 90/642/EEC, 86/363/EEC and 86/362/EEC are to be kept under review and may be modified to take account of new or changed uses. Information about new or changed uses has been communicated to the Commission which should lead to changes in the residue levels of acephate, acetamiprid, acibenzolar-S-methyl, aldrin, benalaxyl, benomyl, carbendazim, chlormequat, chlorothalonil, chlorpyrifos, clofentezine, cyfluthrin, cypermethrin, cyromazine, dieldrin, dimethoate, dithiocarbamates, esfenvalerate, famoxadone, fenhexamid, fenitrothion, fenvalerate, glyphosate, indoxacarb, lambda-cyhalothrin, mepanipyrim, metalaxyl-M, methidathion, methoxyfenozide, pymetrozine, pyraclostrobin, pyrimethanil, spiroxamine, thiacloprid, thiophanate-methyl and trifloxystrobin.

⁽¹⁾ OJ L 221, 7.8.1986, p. 37. Directive as last amended by Commission Directive 2007/73/EC (OJ L 329, 14.12.2007, p. 40).

⁽²⁾ OJ L 221, 7.8.1986, p. 43. Directive as last amended by Commission Directive 2007/57/EC (OJ L 243, 18.9.2007, p. 61).

⁽³⁾ OJ L 350, 14.12.1990, p. 71. Directive as last amended by Directive 2007/73/EC.

⁽⁴⁾ OJ L 230, 19.8.1991, p. 1. Directive as last amended by Commission Directive 2007/76/EC (OJ L 337, 21.12.2007, p. 100).

- (4) The lifetime exposure of consumers to the pesticides referred to in this Directive via food products that may contain residues of those pesticides has been assessed and evaluated in accordance with the procedures and practices used within the Community, taking account of guidelines published by the World Health Organisation ⁽¹⁾. Based on those assessments and evaluations, the MRLs for those pesticides should be set so as to ensure that the acceptable daily intake is not exceeded.
- (5) An acute reference dose (ARfD) has been set for acephate, acetamiprid, carbendazim, chlormequat, chlorothalonil, chlorpyrifos, cyfluthrin, cypermethrin, cyromazine, dieldrin, dimethoate, esfenvalerate, famoxadone, fenitrothion, indoxacarb, lambda-cyhalothrin, mepanipyrim, metalaxyl-M, methidation, methoxyfenozide, pymetrozine, pyraclostrobin, thiacloprid, and thiophanate-methyl. The acute exposure of consumers via each of the food products that may contain residues of these pesticides has been assessed and evaluated in accordance with the procedures and practices currently used within the Community, taking account of guidelines published by the World Health Organisation. The opinions of the Scientific Committee on Plants (SCP), in particular advice and recommendations concerning the protection of consumers of food products treated with pesticides ⁽²⁾, have been taken into account. Based on the dietary intake assessment, the MRLs for those pesticides should be fixed so as to ensure that the ARfD will not be exceeded. In the case of the other substances, an assessment of the available information has shown that no ARfD is required and that therefore a short term assessment is not needed.
- (6) Where authorised uses of plant protection products do not result in detectable levels of pesticide residues 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, MRLs should be fixed at the lower limit of analytical determination.
- (7) The setting or modification at Community level of provisional MRLs does not prevent the Member States from
- establishing provisional MRLs for acetamiprid, acibenzolar-S-methyl, famoxadone, fenamiphos, glyphosate, indoxacarb, mepanipyrim, methoxyfenozide, pymetrozine, pyraclostrobin, thiacloprid and trifloxystrobin in accordance with Article 4(1)(f) of Directive 91/414/EEC and Annex VI to that Directive. It is considered that a period of four years is sufficient to permit further uses of these substances. The provisional Community MRLs should then become definitive.
- (8) It is therefore necessary to modify the MRLs set in Directives 86/362/EEC, 86/363/EEC and 90/642/EEC, to allow proper surveillance and control of the uses of the plant protection products concerned and to protect the consumer. Where MRLs have already been defined in the Annexes to those Directives, it is appropriate to amend them. Where MRLs have not yet been defined, it is appropriate to set them for the first time.
- (9) Through the World Trade Organisation, the Community's trading partners have been consulted where necessary and their comments on these levels have been taken into account.
- (10) Directives 86/362/EEC, 86/363/EEC and 90/642/EEC should therefore be amended accordingly.
- (11) The measures provided for in this Directive are in accordance with the opinion of the Standing Committee on the Food Chain and Animal Health,

HAS ADOPTED THIS DIRECTIVE:

Article 1

Directive 86/362/EEC is amended in accordance with Annex I to this Directive.

Article 2

Directive 86/363/EEC is amended in accordance with Annex II to this Directive.

Article 3

Directive 90/642/EEC is amended in accordance with Annex III to this Directive.

⁽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 (WHO/FSF/FOS/97.7).

⁽²⁾ Opinion regarding questions relating to amending the Annexes to Council Directives 86/362/EEC, 86/363/EEC and 90/642/EEC (Opinion expressed by the SCP on 14 July 1998); Opinion regarding variable pesticide residues in fruit and vegetables (Opinion expressed by the SCP on 14 July 1998) http://europa.eu.int/comm/food/fs/sc/scp/outcome_ppp_en.html

Article 4

Member States shall adopt and publish, by 14 September 2008 at the latest, the laws, regulations and administrative provisions necessary to comply with this Directive. They shall forthwith communicate to the Commission the text of those provisions and a correlation table between those provisions and this Directive.

They shall apply those provisions from 15 September 2008.

When Member States adopt those provisions they shall contain a reference to this Directive or be accompanied by such a reference on the occasion of their official publication. Member States shall determine how such reference is to be made.

Article 5

This Directive shall enter into force on the 20th day following that of its publication in the *Official Journal of the European Union*.

Article 6

This Directive is addressed to the Member States.

Done at Brussels, 19 February 2008.

For the Commission
Markos KYPRIANOU
Member of the Commission

ANNEX I

In Part A of Annex II to Directive 86/362/EEC, the lines for fenitrothion are added and the lines for cypermethrin, famoxadone, mepanipyrim, methidathion and thiacloprid are replaced by the following:

Pesticide residues	Maximum levels in mg/kg
'Cypermethrin: including other mixtures of constituents, sum of isomers	2 wheat, barley, oats, rye, triticales 0,01 (*) others
Famoxadone	0,2 oats 0,02 (*) others
Fenitrothion	0,5 (t) wheat, barley, rye, triticales 0,05 (*) others
Mepanipyrim and its metabolite (2-anilino-4-(2-hydroxypropyl)-6-methylpyrimidine) expressed as mepanipyrim	0,01 (*) (p) cereals
Methidathion	0,1 maize, 0,2 sorghum, 0,02 (*) others
Thiacloprid	0,1 wheat, 1 barley, oats, 0,05 (p) others

(t) Temporary MRL until 1 June 2009. Should this MRL not be replaced by a Directive or a Regulation before that date the appropriate LOD will apply.'

ANNEX II

In Part B of Annex II to Directive 86/363/EEC, the line for glyphosate is replaced by the following:

	Maximum levels in mg/kg (ppm)		
Pesticide residues	of meat, including fat, preparations of meat, offal and animal fats listed in Annex I under headings 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 under headings Nos 0401, 0402, 0405 00 and 0406	of shelled fresh eggs, for bird's eggs and egg yolks listed in Annex I under headings Nos 0407 00 and 0408
'Glyphosate	2 (p) kidney of cattle 0,2 (p) liver of cattle 0,5 (p) kidney of pigs 0,1 (p) kidney of poultry 0,05 (*) (p) others	0,05 (*) (p)	0,05 (*) (p)

(*) Indicates lower limit of analytical determination.

(p) Indicates that the maximum residue level has been established provisionally in accordance with Article 4(1)(f) of Directive 91/414/EEC.'

Groups and examples of individual products to which the MRLs apply	Acephate	Acetamiprid	Acbenzolar-s-methyl	Aldrin and Dieldrin (Aldrin and dieldrin combined expressed as dieldrin) (F)	Benalaxyl including other mixtures of constituent isomers including benalaxyl-M (sum of isomers)	Carbendazim and benomyl (sum of carbendazim expressed as carbendazim)	Chlormequat	Chlorpyrifos	Chlorothalonil	Clofentezine
Chestnuts										
Coconuts										
Hazelnuts			0,1 (*) (p)							
Macadamia										
Pecans										
Pine nuts										
Pistachios										
Walnuts										
Others			0,02 (*) (p)							
(iii) POME FRUIT		0,1 (p)	0,02 (*) (p)		0,05 (*)	0,2		0,5	1	0,5
Apples										
Pears							0,2 (t)			
Quinces										
Others							0,05 (*)			
(iv) STONE FRUIT			0,02 (*) (p)		0,05 (*)		0,05 (*)			
Apricots		0,1 (p)				0,2			1	
Cherries		0,2 (p)				0,5		0,3		
Peaches (including nectarines and similar hybrids)		0,1 (p)				0,2		0,2	1	

Groups and examples of individual products to which the MRLs apply	Cyfluthrin (cyfluthrin including other mixtures of constituent isomers (sum of isomers)) (F)	Cyromazine	Dimethoate (sum of dimethoate and omethoate expressed as dimethoate)	Dithiocarbamates, expressed as CS ₂ , including maneb, mancozeb, metiram, propineb, thiram and ziram (¹), (²)	Famoxadone	Fenhexamid	Fenvalerate and Esfenvalerate (Sum of RR & SS isomers) (F)	Indoxacarb (sum of S- and R-isomer)	Lambda-Cyhalothrin (F)	Mepanipyrim and its metabolite (2-anilino-4-(2-hydroxy-propyl)-6-methylpyrimidine) expressed as mepanipyrim
Chestnuts										
Coconuts										
Hazelnuts										
Macadamia										
Pecans										
Pine nuts										
Pistachios										
Walnuts				0,1 (mz)						
Others				0,05 (*)						
(iii) POME FRUIT	0,2		0,02 (*)	5 (ma, mz, me, pr, t, z)	0,02 (*)	0,05 (*) (p)	0,05		0,1	0,01 (*) (p)
Apples								0,5 (p)		
Pears										
Quinces										
Others								0,3 (p)		0,01 (*) (p)
(iv) STONE FRUIT					0,02 (*)					
Apricots	0,3			2 (mz, t)		5 (p)	0,1	0,3 (p)	0,2	
Cherries	0,2	1		2 (mz, me, pr, t, z)		5 (p)			0,1	
Peaches (including nectarines and similar hybrids)	0,3			2 (mz, t)		5 (p)	0,1	0,3 (p)	0,2	

Groups and examples of individual products to which the MRLs apply	Metalaxyl and metalaxyl-M (metalaxyl including other mixtures of constituent isomers including metalaxyl-M (sum of isomers))	Methidathion	Methoxyfenozide (F)	Pymetrozine	Pyraclostrobin	Pyrimethanil	Spiroxamine	Trifloxystrobin	Thiacloprid (F)	Thiophanate-methyl
Chestnuts										
Coconuts										
Hazelnuts										
Macadamia										
Pecans										
Pine nuts										
Pistachios					1 (p)	0,2 (p)				
Walnuts										
Others					0,02 (*) (p)	0,05 (*) (p)				
(iii) POME FRUIT	1	0,05	2	0,02 (*)	0,3 (p)	5 (p)	0,05 (*)	0,5 (p)	0,3 (p)	0,5
Apples										
Pears										
Quinces										
Others										
(iv) STONE FRUIT	0,05 (*)						0,05 (*)			
Apricots			0,3	0,05	0,2 (p)	3 (p)		1 (p)	0,3 (p)	2
Cherries		0,2			0,3 (p)			1 (p)	0,3 (p)	0,3
Peaches (including nectarines and similar hybrids)			0,3	0,05	0,2 (p)	10 (p)		1 (p)	0,3 (p)	2

Groups and examples of individual products to which the MRLs apply	Acephate	Acetamiprid	Acibenzolar-s-methyl	Aldrin and Dieldrin (Aldrin and dieldrin combined expressed as dieldrin) (F)	Benalaxyl including other mixtures of constituent isomers including benalaxyl-M (sum of isomers)	Carbendazim and benomyl (sum of carbendazim expressed as carbendazim)	Chlormequat	Chlorpyrifos	Chlorothalonil	Clofentezine
Plums		0,02 (p)				0,5		0,2		0,2
Others		0,01 (*) (p)				0,1 (*)			0,01 (*)	0,02 (*)
(v) BERRIES AND SMALL FRUIT		0,01 (*) (p)	0,02 (*) (p)				0,05 (*)			
(a) Table and wine grapes					0,2			0,5		
Table grapes						0,3			1	0,02 (*)
Wine grapes						0,5			3	1
(b) Strawberries (other than wild)					0,05 (*)	0,1 (*)		0,2	3	2
(c) Cane fruit (other than wild)					0,05 (*)	0,1 (*)			0,01 (*)	
Blackberries								0,5		3
Dewberries										
Loganberries										
Raspberries								0,5		3
Others								0,05 (*)		0,3
(d) Other small fruit and berries (other than wild)					0,05 (*)	0,1 (*)				
Bilberries										
Cranberries									2	
Currants (red, black and white)								1	10	0,5
Gooseberries								1	10	
Others								0,05 (*)	0,01 (*)	0,02 (*)

Groups and examples of individual products to which the MRLs apply	Cyfluthrin (cyfluthrin including other mixtures of constituent isomers (sum of isomers)) (F)	Cyromazine	Dimethoate (sum of dimethoate and omethoate expressed as dimethoate)	Dithiocarbamates, expressed as CS ₂ , including maneb, mancozeb, metiram, propineb, thiram and ziram (1), (2)	Famoxadone	Fenhexamid	Fenvalerate and Esfenvalerate (Sum of RR & SS isomers) (F)	Indoxacarb (sum of S- and R-isomer)	Lambda-Cyhalothrin (F)	Mepanipyrim and its metabolite (2-anilino-4-(2-hydroxy-propyl)-6-methylpyrimidine) expressed as mepanipyrim
Plums	0,2			2 (mz, me, t, z)		1 (p)			0,1	
Others	0,02 (*)		0,02 (*)	0,05 (*)		0,05 (*) (p)	0,02 (*)	0,02 (*) (p)	0,1	
(v) BERRIES AND SMALL FRUIT			0,02 (*)							
(a) Table and wine grapes	0,3			5 (ma, mz, me, pt, t)	2	5 (p)	0,1	2 (p)	0,2	3 (p)
Table grapes										
Wine grapes										
(b) Strawberries (other than wild)	0,02 (*)			10 (t)	0,02 (*)	5 (p)	0,02 (*)	0,02 (*) (p)	0,5	2 (p)
(c) Cane fruit (other than wild)	0,02 (*)			0,05 (*)	0,02 (*)	10 (p)	0,02 (*)	0,02 (*) (p)		0,01 (*) (p)
Blackberries										
Dewberries										
Loganberries										
Raspberries									0,2	
Others									0,02 (*)	
(d) Other small fruit and berries (other than wild)	0,02 (*)			5 (mz)	0,02 (*)	5 (p)	0,02 (*)			0,01 (*) (p)
Bilberries										
Cranberries										
Currants (red, black and white)								1 (p)	0,1	
Gooseberries								1 (p)	0,1	
Others								0,02 (*) (p)	0,02 (*)	

Groups and examples of individual products to which the MRLs apply	Metalaxyl and metalaxyl-M (metalaxyl including other mixtures of constituent isomers including metalaxyl-M (sum of isomers))	Methidatoin	Methoxyfenozide (F)	Pymetrozine	Pyraclostrobin	Pyrimethanil	Spiroxamine	Trifloxystrobin	Thiacloprid (F)	Thiophanate-methyl
Plums		0,2			0,2 (p)	3 (p)		0,2 (p)	0,1 (p)	0,3
Others		0,02 (*)	0,02 (*)	0,02 (*)	0,02 (*) (p)	0,05 (*) (p)		0,02 (*) (p)	0,02 (*) (p)	0,1 (*)
(v) BERRIES AND SMALL FRUIT										
(a) Table and wine grapes		0,02 (*)	1	0,02 (*)		5 (p)	1	5 (p)	0,02 (*) (p)	
Table grapes	2		1		1 (p)					0,1 (*)
Wine grapes	1		1		2 (p)					3
(b) Strawberries (other than wild)	0,5	0,02 (*)	0,02 (*)	0,5	0,5 (p)	5 (p)	0,05 (*)	0,5 (p)	0,5 (p)	0,1 (*)
(c) Cane fruit (other than wild)	0,05 (*)	0,02 (*)	0,02 (*)				0,05 (*)	0,02 (*) (p)		0,1 (*)
Blackberries				3	1 (p)	10 (p)			3 (p)	
Dewberries										
Loganberries										
Raspberries				3	1 (p)	10 (p)			3 (p)	
Others				0,02 (*)	0,02 (*) (p)	0,05 (*) (p)			1 (p)	
(d) Other small fruit and berries (other than wild)	0,05 (*)	0,02 (*)	0,02 (*)			5 (p)	0,05 (*)		1 (p)	0,1 (*)
Bilberries										
Cranberries										
Currants (red, black and white)				0,1	2 (p)			1 (p)		
Gooseberries								1 (p)		
Others				0,02 (*)	0,5 (p)			0,02 (*) (p)		

Groups and examples of individual products to which the MRLs apply	Acephate	Acetamiprid	Acbenzolar-s-methyl	Aldrin and Dieldrin (Aldrin and dieldrin combined expressed as dieldrin) (F)	Benalaxyl including other mixtures of constituent isomers including benalaxyl-M (sum of isomers)	Carbendazim and benomyl (sum of carbendazim expressed as carbendazim)	Chlormequat	Chlorpyrifos	Chlorothalonil	Clofentazine
(e) Wild berries and wild fruit					0,05 (*)	0,1 (*)		0,05 (*)	0,01 (*)	0,02 (*)
(vi) MISCELLANEOUS					0,05 (*)					
Avocados										
Bananas			0,1 (p)					3	0,2	2
Dates										
Figs										
Kiwi								2		
Kumquats										
Litchis										
Mangoes			0,5 (p)			0,5				
Olives (table consumption)							0,1 (*)			
Olives (oil extraction)							0,1 (*)			
Papaya						0,2			20	
Passion fruit										
Pineapples										
Pomegranate										
Others			0,02 (*) (p)			0,1 (*)	0,05 (*)	0,05 (*)	0,01 (*)	0,02 (*)

Groups and examples of individual products to which the MRLs apply	Cyfluthrin (cyfluthrin including other mixtures of constituent isomers (sum of isomers)) (F)	Cyromazine	Dimethoate (sum of dimethoate and omethoate expressed as dimethoate)	Dithiocarbamates, expressed as CS ₂ , including maneb, mancozeb, metiram, propineb, thiram and ziram ⁽¹⁾ , ⁽²⁾	Famoxadone	Fenhexamid	Fenvalerate and Esfenvalerate (Sum of RR & SS isomers) (F)	Indoxacarb (sum of S- and R-isomer)	Lambda-Cyhalothrin (F)	Mepanipyrim and its metabolite (2-anilino-4-(2-hydroxy-propyl)-6-methylpyrimidine) expressed as mepanipyrim
(e) Wild berries and wild fruit				0,05 (*)		0,05 (*) (p)		0,02 (*) (p)	0,2	0,01 (*) (p)
(vi) MISCELLANEOUS	0,02 (*)				0,02 (*)		0,02 (*)			0,01 (*) (p)
Avocados										
Bananas				2 (mz, me)				0,2 (p)	0,1	
Dates										
Figs										
Kiwi						10 (p)				
Kumquats										
Litchis										
Mangoes				2 (mz)					0,1	
Olives (table consumption)			2	5 (mz, pr)					0,5	
Olives (oil extraction)			2	5 (mz, pr)					0,5	
Papaya				7 (mz)						
Passion fruit										
Pineapples										
Pomegranate										
Others			0,02 (*)	0,05 (*)		0,05 (*) (p)		0,02 (*) (p)	0,02 (*)	

Groups and examples of individual products to which the MRLs apply	Metalaxyl and metalaxyl-M (metalaxyl including other mixtures of constituent isomers including metalaxyl-M (sum of isomers))	Methidatoin	Methoxyfenozide (F)	Pymetrozine	Pyraclostrobin	Pyrimethanil	Spiroxamine	Trifloxystrobin	Thiacloprid (F)	Thiophanate-methyl
(e) Wild berries and wild fruit		0,02 (*)		0,02 (*)	0,02 (*) (p)	0,05 (*) (p)	0,05 (*)	0,02 (*) (p)	0,02 (*) (p)	0,1 (*)
(vi) MISCELLANEOUS	0,05 (*)			0,02 (*)						
Avocados										
Bananas						0,1 (p)	3	0,05 (p)		
Dates										
Figs										
Kiwi			1							
Kumquats										
Litchis										
Mangoes					0,05 (p)			0,5 (p)		1
Olives (table consumption)		1						0,3 (p)		
Olives (oil extraction)								0,3 (p)		
Papaya					0,05 (p)			1 (p)	0,5 (p)	1
Passion fruit										
Pineapples		0,05								
Pomegranate										
Others		0,02 (*)	0,02 (*)		0,02 (*) (p)	0,05 (*) (p)	0,05 (*)	0,02 (*) (p)	0,02 (*) (p)	0,1 (*)

Groups and examples of individual products to which the MRLs apply	Acephate	Acetamiprid	Acibenzolar-s-methyl	Aldrin and Dieldrin (Aldrin and dieldrin combined expressed as dieldrin) (F)	Benalaxyl including other mixtures of constituent isomers including benalaxyl-M (sum of isomers)	Carbendazim and benomyl (sum of carbendazim expressed as carbendazim)	Chlormequat	Chlorpyrifos	Chlorothalonil	Clofentezine
2. Vegetables, fresh or uncooked, frozen or dry	0,02 (*)									
(i) ROOT AND TUBER VEGETABLES		0,01 (*) (p)	0,02 (*) (p)		0,05 (*)	0,1 (*)	0,05 (*)			0,02 (*)
Beetroot										
Carrots								0,1	1	
Cassava										
Celery									1	
Horseradish										
Jerusalem artichokes										
Parsnips				0,02 (h)						
Parsley root										
Radishes								0,2		
Salsify										
Sweet potatoes										
Swedes										
Turnips										
Yam										
Others				0,01 (*)				0,05 (*)	0,01 (*)	

Groups and examples of individual products to which the MRLs apply	Cyfluthrin (cyfluthrin including other mixtures of constituent isomers (sum of isomers)) (F)	Cyromazine	Dimethoate (sum of dimethoate and omethoate expressed as dimethoate)	Dithiocarbamates, expressed as CS ₂ , including maneb, mancozeb, metiram, propineb, thiram and ziram (*) (2)	Famoxadone	Fenhexamid	Fenvalerate and Esfenvalerate (Sum of RR & SS isomers) (F)	Indoxacarb (sum of S- and R-isomer)	Lambda-Cyhalothrin (F)	Mepanipyrim and its metabolite (2-anilino-4-(2-hydroxy-propyl)-6-methylpyrimidine) expressed as mepanipyrim
2. Vegetables, fresh or uncooked, frozen or dry										
(i) ROOT AND TUBER VEGETABLES	0,02 (*)				0,02 (*)	0,05 (*) (p)	0,02 (*)			0,01 (*) (p)
Beetroot				0,5 (mz)						
Carrots		1		0,2 (mz)						
Cassava										
Celeriac			0,1	0,3 (ma, me, pr, t)				0,1		
Horseradish				0,2 (mz)						
Jerusalem artichokes										
Parsnips				0,2 (mz)						
Parsley root				0,2 (mz)						
Radishes								0,2 (p)	0,1	
Salsify				0,2 (mz)						
Sweet potatoes										
Swedes										
Turnips										
Yam										
Others		0,05 (*)	0,02 (*)	0,05 (*)				0,02 (*) (p)	0,02 (*)	

Groups and examples of individual products to which the MRLs apply	Metalaxyl and metalaxyl-M (metalaxyl including other mixtures of constituent isomers including metalaxyl-M (sum of isomers))	Methidathion	Methoxyfenozide (F)	Pymetrozine	Pyraclostrobin	Pyrimethanil	Spiroxamine	Trifloxystrobin	Thiacloprid (F)	Thiophanate-methyl
2. Vegetables, fresh or uncooked, frozen or dry							0,05 (*)			
(i) ROOT AND TUBER VEGETABLES		0,02 (*)	0,02 (*)	0,02 (*)						0,1 (*)
Beetroot										
Carrots	0,1				0,1 (p)	1 (p)		0,05 (p)		
Cassava										
Celery									0,1 (p)	
Horseradish	0,1				0,3 (p)					
Jerusalem artichokes										
Parsnips	0,1				0,3 (p)					
Parsley root					0,1 (p)					
Radishes	0,1				0,2 (p)					
Salsify					0,1 (p)					
Sweet potatoes										
Swedes										
Turnips										
Yam										
Others	0,05 (*)				0,02 (*) (p)	0,05 (*) (p)		0,02 (*) (p)		

Groups and examples of individual products to which the MRLs apply	Acephate	Acetamiprid	Acbenzolar-s-methyl	Aldrin and Dieldrin (Aldrin and dieldrin combined expressed as dieldrin) (F)	Benalaxyl including other mixtures of constituent isomers including benalaxyl-M (sum of isomers)	Carbendazim and benomyl (sum of carbendazim and benomyl expressed as carbendazim)	Chlormequat	Chlorpyrifos	Chlorothalonil	Clofentezine
(ii) BULB VEGETABLES										
Garlic		0,01 (*) (p)	0,02 (*) (p)	0,01 (*)		0,1 (*)	0,05 (*)			0,02 (*)
Onions					0,2			0,2	0,5	
Shallots									0,5	
Spring onions									10	
Others					0,05 (*)			0,05 (*)	0,01 (*)	
(iii) FRUITING VEGETABLES							0,05 (*)			
(a) Solanacea				0,01 (*)				0,5	2	
Tomatoes		0,1 (p)	1 (p)		0,5	0,5				0,3
Peppers		0,3 (p)			0,2					
Aubergines		0,1 (p)			0,5	0,5				
Okra						2				
Others		0,01 (*) (p)	0,02 (*) (p)		0,05 (*)	0,1 (*)				0,02 (*)
(b) Cucurbits — edible peel		0,3 (p)	0,02 (*) (p)		0,05 (*)	0,1 (*)		0,05 (*)		0,02 (*)
Cucumbers					0,05 (*)				1	
Gherkins									5	
Courgettes				0,05						
Others				0,02 (h)					0,01 (*)	
(c) Cucurbits — inedible peel		0,01 (*) (p)	0,02 (*) (p)	0,03 (h)		0,1 (*)		0,05 (*)	1	
Melons					0,1					0,1
Squashes										
Watermelons					0,1					
Others					0,05 (*)					0,02 (*)

Groups and examples of individual products to which the MRLs apply	Cyfluthrin (cyfluthrin including other mixtures of constituent isomers (sum of isomers)) (F)	Cyromazine	Dimethoate (sum of dimethoate and omethoate expressed as dimethoate)	Dithiocarbamates, expressed as CS ₂ , including maneb, mancozeb, metiram, propineb, thiram and ziram ^{(1), (2)}	Famoxadone	Fenhexamid	Fenvalerate and Esfenvalerate (Sum of RR & SS isomers) (F)	Indoxacarb (sum of S- and R-isomer)	Lambda-Cyhalothrin (F)	Mepanipyrim and its metabolite (2-anilino-4-(2-hydroxy-propyl)-6-methylpyrimidine) expressed as mepanipyrim
(ii) BULB VEGETABLES	0,02 (*)	0,05 (*)			0,02 (*)	0,05 (*) (p)	0,02 (*)	0,02 (*) (p)		0,01 (*) (p)
Garlic			0,1 (mz)							
Onions			1 (ma, mz)							
Shallots			1 (ma, mz)							
Spring onions			1 (mz)						0,05	
Others			0,05 (*)						0,02 (*)	
(iii) FRUITING VEGETABLES			0,02 (*)							
(a) Solanacea		1								
Tomatoes	0,05			3 (mz, me, pr)	1	1 (p)	0,05	0,5 (p)	0,1	1 (p)
Peppers	0,3			5 (mz, pr)		2 (p)		0,3 (p)	0,1	
Aubergines	0,1			3 (mz, me)	1	1 (p)	0,02 (*)	0,5 (p)	0,5	1 (p)
Okra				0,5 (mz)					0,1	
Others	0,02 (*)			0,05 (*)	0,02 (*)	0,05 (*) (p)	0,02 (*)	0,02 (*) (p)	0,02 (*)	0,01 (*) (p)
(b) Cucurbits — edible peel		1		2 (mz, pr)	0,2	1 (p)	0,02 (*)	0,2 (p)	0,1	0,01 (*) (p)
Cucumbers	0,1									
Gherkins										
Courgettes										
Others	0,02 (*)									
(c) Cucurbits — inedible peel	0,02 (*)			1 (mz, pr)		0,05 (*) (p)	0,02 (*)	0,1 (p)	0,05	0,01 (*) (p)
Melons		0,3			0,3					
Squashes										
Watermelons		0,3								
Others		0,05 (*)			0,02 (*)					

Groups and examples of individual products to which the MRLs apply	Metalaxyl and metalaxyl-M (metalaxyl including other mixtures of constituent isomers including metalaxyl-M (sum of isomers))	Methidation	Methoxyfenozide (F)	Pymetrozine	Pyraclostrobin	Pyrimethanil	Spiroxamine	Trifloxystrobin	Thiacloprid (F)	Thiophanate-methyl
(ii) BULB VEGETABLES			0,02 (*)	0,02 (*)				0,02 (*) (p)	0,02 (*) (p)	0,1 (*)
Garlic	0,5				0,2 (p)					
Onions	0,5	0,1			0,2	0,1 (p)				
Shallots	0,5				0,2 (p)					
Spring onions	0,2									
Others	0,05 (*)	0,02 (*)			0,02 (*) (p)	0,05 (*) (p)				
(iii) FRUITING VEGETABLES										
(a) Solanacea										
Tomatoes	0,2	0,1	2	0,5	0,2 (p)	1 (p)		0,5 (p)	0,5 (p)	2
Peppers	0,5		1	1	0,5 (p)	2 (p)		0,3 (p)	1 (p)	
Aubergines			0,5	0,5	0,2 (p)	1 (p)			0,5 (p)	2
Okra				1						1
Others	0,05 (*)	0,02 (*)	0,02 (*)	0,02 (*)	0,02 (*) (p)	0,05 (*) (p)		0,02 (*) (p)	0,02 (*) (p)	0,1 (*)
(b) Cucurbits — edible peel				0,5	0,02 (*) (p)	1 (p)		0,2 (p)	0,3 (p)	0,1 (*)
Cucumbers	0,5	0,05								
Gherkins										
Courgettes										
Others	0,05 (*)	0,02 (*)								
(c) Cucurbits — inedible peel		0,02 (*)	0,02 (*)	0,2	0,02 (*) (p)	0,05 (*) (p)				0,3
Melons	0,2							0,3 (p)	0,2 (p)	
Squashes								0,2 (p)		
Watermelons	0,2							0,2	0,2 (p)	
Others	0,05 (*)							0,02 (*) (p)	0,02 (*) (p)	

Groups and examples of individual products to which the MRLs apply	Cyfluthrin (cyfluthrin including other mixtures of constituent isomers (sum of isomers)) (F)	Cyromazine	Dimethoate (sum of dimethoate and omethoate expressed as dimethoate)	Dithiocarbamates, expressed as CS ₂ , including mancozeb, metiram, propineb, thiram and ziram (1), (2)	Famoxadone	Fenhexamid	Fenvalerate and Esfenvalerate (Sum of RR & SS isomers) (F)	Indoxacarb (sum of S- and R-isomer)	Lambda-Cyhalothrin (F)	Mepanipyrim and its metabolite (2-anilino-4-(2-hydroxy-propyl)-6-methylpyrimidine) expressed as mepanipyrim
(d) Sweet corn	0,02 (*)	0,05 (*)		0,05 (*)	0,02 (*)	0,05 (*) (p)	0,02 (*)	0,02 (*) (p)	0,05	0,01 (*) (p)
(iv) BRASSICA VEGETABLES		0,05 (*)			0,02 (*)	0,05 (*) (p)				0,01 (*) (p)
(a) Flowering brassica	0,05			1 (mz)	0,1		0,02 (*)	0,3 (p)	0,1	
Broccoli (including Calabrese)										
Cauliflower			0,2							
Others			0,02 (*)							
(b) Head brassica					0,02 (*)					
Brussels sprouts			0,3	2 (mz)	0,05		0,05		0,05	
Head cabbage	0,3		1	3 (mz)			0,1	3 (p)	0,2	
Others	0,2		0,02 (*)	0,05 (*)			0,02 (*)	0,02 (*) (p)	0,02 (*)	
(c) Leafy brassica	0,3		0,02 (*)	0,5 (mz)	0,02 (*)		0,02 (*)	0,2 (p)	1	
Chinese cabbage										
Kale								0,2 (p)		
Others								0,02 (*) (p)		
(d) Kohlrabi	0,02 (*)		0,02 (*)	1 (mz)	0,02 (*)		0,02 (*)	0,02 (*) (p)	0,02 (*)	
(v) LEAF VEGETABLES AND FRESH HERBS					0,02 (*)		0,02 (*)			0,01 (*) (p)
(a) Lettuce and similar	1	15		5 (mz, me, t)		30 (p)				
Cress									1	
Lamb's lettuce								1 (p)	1	

Groups and examples of individual products to which the MRLs apply	Metalaxyl and metalaxyl-M (metalaxyl including other mixtures of constituent isomers including metalaxyl-M (sum of isomers))	Methidation	Methoxyfenozide (F)	Pymetrozine	Pyraclostrobin	Pyrimethanil	Spiroxamine	Trifloxystrobin	Thiacloprid (F)	Thiophanate-methyl
(d) Sweet corn	0,05 (*)	0,02 (*)	0,02 (*)	0,02 (*)	0,02 (*) (p)	0,05 (*) (p)		0,02 (*) (p)	0,1 (p)	0,1 (*)
(iv) BRASSICA VEGETABLES			0,02 (*)			0,05 (*) (p)				
(a) Flowering brassica	0,2	0,02 (*)		0,02 (*)	0,1 (p)				0,1 (p)	0,1 (*)
Broccoli (including Calabrese)								0,05 (p)		
Cauliflower								0,05 (p)		
Others								0,02 (*) (p)		
(b) Head brassica		0,1						0,2 (p)		
Brussels sprouts					0,2 (p)				0,05 (p)	1
Head cabbage	1			0,05	0,2 (p)				0,2 (p)	
Others	0,05 (*)			0,02 (*)	0,02 (*) (p)				0,02 (*) (p)	0,1 (*)
(c) Leafy brassica		0,02 (*)		0,2	0,02 (*) (p)			0,02 (*) (p)	1 (p)	0,1 (*)
Chinese cabbage										
Kale	0,2									
Others	0,05 (*)									
(d) Kohlrabi	0,05 (*)	0,02 (*)		0,02 (*)	0,02 (*) (p)			0,02 (*) (p)	0,05 (p)	0,1 (*)
(v) LEAF VEGETABLES AND FRESH HERBS		0,02 (*)	0,02 (*)					0,02 (*) (p)		0,1 (*)
(a) Lettuce and similar				2						
Cress	0,05 (*)									
Lamb's lettuce	0,2				10 (p)					

Groups and examples of individual products to which the MRLs apply	Cyfluthrin (cyfluthrin including other mixtures of constituent isomers (sum of isomers)) (F)	Cyromazine	Dimethoate (sum of dimethoate and omethoate expressed as dimethoate)	Dithiocarbamates, expressed as CS ₂ , including maneb, mancozeb, metiram, propineb, thiram and ziram ^{(1), (2)}	Famoxadone	Fenhexamid	Fenvalerate and Esfenvalerate (Sum of RR & SS isomers) (F)	Indoxacarb (sum of S- and R-isomer)	Lambda-Cyhalothrin (F)	Mepanipyrim and its metabolite (2-anilino-4-(2-hydroxy-propyl)-6-methylpyrimidine) expressed as mepanipyrim
(vi) LEGUME VEGETABLES (fresh)	0,05				0,02 (*)			0,02 (*) (p)		0,01 (*) (p)
Beans (with pods)		5		1 (mz)		2 (p)			0,2	
Beans (without pods)				0,1 (mz)						
Peas (with pods)		5	1	1 (ma, mz)			0,1		0,2	
Peas (without pods)				0,1 (mz)					0,2	
Others		0,05 (*)	0,02 (*)	0,05 (*)		0,05 (*) (p)	0,02 (*)		0,02 (*)	
(vii) STEM VEGETABLES (fresh)	0,02 (*)		0,02 (*)			0,05 (*) (p)	0,02 (*)			0,01 (*) (p)
Asparagus				0,5 (mz)						
Cardoons										
Celery		2						2 (p)	0,3	
Fennel									0,3	
Globe artichokes		2						0,1 (p)		
Leek				3 (ma, mz)					0,3	
Rhubarb				0,5 (mz)						
Others		0,05 (*)		0,05 (*)	0,02 (*)		0,02 (*)	0,02 (*) (p)	0,02 (*)	
(viii) FUNGI	0,02 (*)		0,02 (*)	0,05 (*)		0,05 (*) (p)		0,02 (*) (p)		0,01 (*) (p)
(a) Cultivated mushrooms		5							0,02 (*)	
(b) Wild mushrooms		0,05 (*)					0,02 (*)		0,5	
3. Pulses	0,02 (*)	0,05 (*)	0,02 (*)		0,02 (*)	0,05 (*) (p)	0,02 (*)	0,02 (*) (p)	0,02 (*)	0,01 (*) (p)
Beans				0,1 (mz)						
Lentils										
Peas				0,1 (mz)						

Groups and examples of individual products to which the MRLs apply	Acephate	Acetamiprid	Acibenzolar-s-methyl	Aldrin and Dieldrin (Aldrin and dieldrin combined expressed as dieldrin) (F)	Benalaxyl including other mixtures of constituent isomers including benalaxyl-M (sum of isomers)	Carbendazim and benomyl (sum of carbendazim expressed as carbendazim)	Chlormequat	Chlorpyrifos	Chlorothalonil	Clofentazine
Lupines										
Others										
4. Oilseeds			0,05 (*) (p)	0,02 (*) (m)	0,05 (*)			0,05 (*)		0,05 (*)
Linseed						7				
Peanuts								0,05		
Poppy seed										
Sesame seed										
Sunflower seed										
Rape seed						7				
Soya bean	0,3					0,2				
Mustard seed										
Cotton seed		0,02 (p)								
Hemp seed										
Pumpkin seed				(m)						
Others	0,05 (*)	0,01 (*) (p)				0,1 (*)	0,1 (*)		0,01 (*)	
5. Potatoes	0,02 (*)	0,01 (*) (p)	0,02 (*) (p)	0,01 (*)	0,05 (*)	0,1 (*)	0,05 (*)	0,05 (*)	0,01 (*)	0,02 (*)
Early potatoes										
Ware potatoes										
6. Tea (dried leaves and stalks, fermented or otherwise, <i>Camellia sinensis</i>)	0,05 (*)	0,1 (*) (p)	0,05 (*) (p)	0,02 (*)	0,1 (*)	0,1 (*)	0,1 (*)	0,10 (*)	0,1 (*)	0,05 (*)
7. Hops (dried), including hop pellets and unconcentrated powder	0,05 (*)	0,1 (*) (p)	0,05 (*) (p)	0,02 (*)	0,1 (*)	0,1 (*)	0,1 (*)	0,10 (*)	50	0,05 (*)

Groups and examples of individual products to which the MRLs apply	Cyfluthrin (cyfluthrin including other mixtures of constituent isomers (sum of isomers)) (F)	Cyromazine	Dimethoate (sum of dimethoate and omethoate expressed as dimethoate)	Dithiocarbamates, expressed as CS ₂ , including maneb, mancozeb, metiram, propineb, thiram and ziram ^{(1), (2)}	Famoxadone	Fenhexamid	Fenvalerate and Esfenvalerate (Sum of RR & SS isomers) (F)	Indoxacarb (sum of S- and R-isomer)	Lambda-Cyhalothrin (F)	Mepanipyrim and its metabolite (2-anilino-4-(2-hydroxy-propyl)-6-methylpyrimidine) expressed as mepanipyrim
Lupines										
Others			0,05 (*)							
4. Oilseeds		0,05 (*)	0,05 (*)		0,05 (*)	0,1 (*) (p)	0,05 (*)		0,05 (*)	0,02 (*) (p)
Linseed										
Peanuts										
Poppy seed										
Sesame seed										
Sunflower seed										
Rape seed	0,05			0,5 (ma, mz)						
Soya bean								0,5 (p)		
Mustard seed										
Cotton seed										
Hemp seed										
Pumpkin seed										
Others				0,1 (*)				0,05 (*) (p)		
5. Potatoes		1	0,02 (*)	0,3 (ma, mz, me, pr)	0,02 (*)	0,05 (*) (p)	0,02 (*)	0,02 (*) (p)	0,02 (*)	0,01 (*) (p)
Early potatoes										
Ware potatoes										
6. Tea (dried leaves and stalks, fermented or otherwise, <i>Camellia sinensis</i>)	0,1 (*)	0,05 (*)	0,05 (*)	0,1 (*)	0,05 (*)	0,1 (*) (p)	0,05 (*)	0,05 (*) (p)	1	0,02 (*) (p)
7. Hops (dried), including hop pellets and unconcentrated powder	20	0,05 (*)	0,05 (*)	25 (pr)	0,05 (*)	0,1 (*) (p)	0,05 (*)	0,05 (*) (p)	10	0,02 (*) (p)

Groups and examples of individual products to which the MRLs apply	Metalaxyl and metalaxyl-M (metalaxyl including other mixtures of constituent isomers including metalaxyl-M (sum of isomers))	Methidation	Methoxyfenozide (F)	Pymetrozine	Pyraclostrobin	Pyrimethanil	Spiroxamine	Trifloxystrobin	Thiacloprid (F)	Thiophanate-methyl
Lupines										
Others		0,02 (*)								
4. Oilseeds										
Linseed	0,1 (*)				0,05 (*) (p)	0,1 (*) (p)	0,05 (*)	0,05 (*) (p)		
Peanuts										
Poppy seed										
Sesame seed										
Sunflower seed		0,5								
Rape seed		0,1							0,3 (p)	
Soya bean			2							0,3
Mustard seed									0,2 (p)	
Cotton seed		1	2	0,05						
Hemp seed		0,1								
Pumpkin seed										
Others		0,02 (*)	0,05 (*)	0,02 (*)				0,02 (*) (p)	0,05 (*) (p)	0,1 (*)
5. Potatoes		0,02 (*)	0,02 (*)	0,02 (*)	0,02 (*) (p)	0,05 (*) (p)	0,05 (*)	0,02 (*) (p)	0,02 (*) (p)	0,1 (*)
Early potatoes										
Ware potatoes										
6. Tea (dried leaves and stalks, fermented or otherwise, <i>Camellia sinensis</i>)		0,5	0,05 (*)	0,1 (*)	0,05 (*) (p)	0,1 (*) (p)	0,1 (*)	0,05 (*) (p)	0,05 (*) (p)	0,1 (*)
7. Hops (dried), including hop pellets and unconcentrated powder		5	0,05 (*)	15	10 (p)	0,1 (*) (p)	0,1 (*)	30 (p)	0,1	0,1 (*)

(*) Indicates lower limit of analytical determination.

(1) The MRLs expressed as CS₂ can arise from different dithiocarbamates and therefore they do not reflect a single Good Agricultural Practice (GAP). It is therefore not appropriate to use these MRLs to check compliance with a GAP.

(2) In brackets the origin of the residue (ma: maneb; mz: mancozeb; mc: metiram; pr: propineb; t: thiram; z: ziram).

(F) Fat soluble.

(h) Based on background levels due to use of aldrin and dieldrin in the past.

(m) Monitoring data show that levels up to 0,02 mg/kg of dieldrin can be found on pumpkin seed used for oil extraction.

(p) Indicates that the maximum residue level has been established provisionally in accordance with Article 4(1)(f) of Directive 91/414/EEC.

(t) A temporary MRL of 0,2 mg/kg shall apply until 31 July 2009.