

Commission Directive 2006/60/CE of 7 July 2006 amending Annexes to Council Directive 90/642/EEC as regards the maximum residue levels of trifloxystrobin, thiabendazole, abamectin, benomyl, carbendazim, thiophanate-methyl, myclobutanyl, glyphosate, trimethylsulfonium, fenpropimorph and chlormequat (Text with EEA relevance)

COMMISSION DIRECTIVE 2006/60/CE

of 7 July 2006

amending Annexes to Council Directive 90/642/EEC as regards the maximum residue levels of trifloxystrobin, thiabendazole, abamectin, benomyl, carbendazim, thiophanate-methyl, myclobutanyl, glyphosate, trimethylsulfonium, fenpropimorph and chlormequat

(Text with EEA relevance)

THE COMMISSION OF THE EUROPEAN COMMUNITIES,

Having regard to the Treaty establishing the European Community,

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<sup>(1)</sup>, 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<sup>(2)</sup>, and in particular Article 4(1)(f) thereof

Whereas:

- (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 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 will lead to changes in the residue levels of trifloxystrobin, thiabendazole, abamectin, the benomyl group (benomyl, carbendazim, and thiophanate-methyl), myclobutanyl, glyphosate, trimethylsulfonium and fenpropimorph.

- (4) For chlormequat information has been communicated to the Commission that justifies the adoption of a temporary MRL on pears for three years.
- (5) The lifetime exposure of consumers to those pesticides 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 Organization<sup>(3)</sup>. In this evaluation it was taken into account that abamectin and thiabendazole are also used as veterinary medicines intended for food producing animals and that Maximum Residues Limits have been established for those two substances in accordance with the provisions of Council Regulation (EEC) No 2377/90<sup>(4)</sup>. Based on that assessment and evaluations, the MRLs for those pesticides should be set so as to ensure that the acceptable daily intake is not exceeded.
- (6) In the case of benomyl, carbendazim, thiophanate-methyl, fenpropimorph and chlormequat for which an acute reference dose (ARfD) exists, 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 Organization. The opinions of the Scientific Committee on Plants, in particular advice and recommendations concerning the protection of consumers of food products treated with pesticides<sup>(5)</sup>, 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.
- (7) 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.
- (8) Therefore it is appropriate to fix new MRLs for those pesticides.
- (9) The setting or modification at Community level of provisional MRLs does not prevent the Member States from establishing provisional MRLs for glyphosate, trimethylsulfonium and trifloxystrobin in accordance with Article 4(1)(f) of Directive 91/414/EEC and Annex VI thereto. It is considered that a period of four years is sufficient to permit further uses of these substances. The provisional Community MRL should then become definitive.
- (10) Lupines are consumed as food in several Member States. On lupines the use of glyphosate is authorised. The insertion of the entry 'lupines' and setting of MRLs for lupines is therefore necessary to protect consumers from excess pesticide residues used on lupines.

- (11) Directive 90/642/EEC should therefore be amended accordingly.
- (12) 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 90/642/EEC is amended as follows:

1. in Annex I, in group '3 Pulses', the entry 'Lupines' is added in such a way that the terms 'Whole product' in the last column cover all four entries;
2. Annex II is amended in accordance with the Annex to this Directive.

*Article 2*

1 Member States shall adopt and publish, by 20 January 2007 at the latest, the laws, regulations and administrative provisions necessary to comply with this Directive, except for the benomyl group and thiophanate-methyl for which they shall adopt and publish these by fourteen September 2006 and for chlormequat by thirty one July 2006. 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 21 January 2007, except for the benomyl group and thiophanate-methyl for which they shall be applied by fifteen September 2006 and for chlormequat by the first of August 2006.

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.

2 Member States shall communicate to the Commission the text of the main provisions of national law which they adopt in the field covered by this Directive.

*Article 3*

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

*Article 4*

This Directive is addressed to the Member States.

Done at Brussels, 7 July 2006.

*For the Commission*

Markos KYPRIANOU

*Member of the Commission*

## ANNEX

Annex II to Directive 90/642/EEC is amended as follows:

1. the footnote (t) at the entry for chloromequat on pears is replaced by the following: ‘A temporary MRL of 0,2 mg/kg shall apply until 31 July 2009’;
2. in part A, the columns for trifloxystrobin, thiabendazole, abamectin, benomyl, carbendazim, thiophanate-methyl, myclobutanyl, glyphosate, trimethylsulfonium and fenpropimorph are replaced by the following:

Groups and examples of individual products to which the MRLs would apply		Pesticide residue and maximum residue level (mg/kg)										
		Trifloxystrobin	Thiabendazole	Abamectin (sum of avermectin B1a and delta-8,9 isomer of avermectin B1a)	Benomyl	Carbendazim	Thiophanate-methyl	Myclobutanyl	Glyphosate	Trimethylsulfonium	Fenpropimorph	
‘1.	<b>Fruit, fresh, dried or uncooked, preserved by freezing, not containing added sugar; nuts</b>											
	(i) CITRUS FRUIT	0,3 <sup>b</sup>	5	0,01 <sup>a</sup>	0,1 <sup>a</sup>	0,1 <sup>a</sup>	3					0,05 <sup>a</sup>
	Grapefruit											
	Lemons											
	Limes											
	Mandarins (including clementines and other hybrids)								0,5 <sup>b</sup>	0,5 <sup>b</sup>		
	Oranges								0,5 <sup>b</sup>	0,5 <sup>b</sup>		

**a** Indicates lower limit of analytical determination.

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

		Pomelos									
		Others							0,1 <sup>ab</sup>	0,05 <sup>ab</sup>	
	(ii)	TREE NUTS (shelled or unshelled)	0,02 <sup>ab</sup>	0,1 <sup>a</sup>	0,02 <sup>a</sup>	0,1 <sup>a</sup>	0,2	0,05 <sup>a</sup>	0,1 <sup>ab</sup>	0,05 <sup>ab</sup>	0,05 <sup>a</sup>
		Almonds									
		Brazil nuts									
		Cashew nuts									
		Chestnuts									
		Coconuts									
		Hazelnuts									
		Macadamia									
		Pecans									
		Pine nuts									
		Pistachios									
		Walnuts									
		Others									
	(iii)	POME FRUIT	0,5 <sup>b</sup>		0,01 <sup>a</sup>	0,2	0,5	0,5	0,1 <sup>ab</sup>	0,05 <sup>ab</sup>	0,05 <sup>a</sup>
		Apples		5							
		Pears		5							
		Quinces									
		Others		0,05 <sup>a</sup>							
	(iv)	STONE FRUIT		0,05 <sup>a</sup>	0,01 <sup>a</sup>				0,1 <sup>ab</sup>	0,05 <sup>ab</sup>	0,05 <sup>a</sup>
		Apricots	1 <sup>b</sup>			0,2	2	0,3			
		Cherries	1 <sup>b</sup>			0,5	0,3	1			
		Peaches (including nectarines and similar hybrids)	1 <sup>b</sup>			0,2	2	0,5			
		Plums	0,2 <sup>b</sup>			0,5	0,3	0,5			

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		Others		0,02 <sup>ab</sup>		0,1 <sup>a</sup>	0,1 <sup>a</sup>	0,02 <sup>a</sup>		
	(v)	BERRIES AND SMALL FRUIT AND			0,05 <sup>a</sup>					0,05 <sup>ab</sup>
		(a)	Table and wine grapes	5 <sup>b</sup>		0,01 <sup>a</sup>		1	0,5 <sup>b</sup>	0,05 <sup>a</sup>
			Table grapes			0,3	0,1 <sup>a</sup>			
			Wine grapes			0,5	3			
		(b)	Strawberries (other than wild)		0,1	0,1 <sup>a</sup>	0,1 <sup>a</sup>	1	0,1 <sup>ab</sup>	1
		(c)	Cane fruit (other than wild)		0,02 <sup>ab</sup>		0,1 <sup>a</sup>	0,1 <sup>a</sup>	0,1 <sup>ab</sup>	1
			Blackberries			0,1		1		
			Dewberries							
			Loganberries							
			Raspberries			0,1		1		
			Others			0,01 <sup>a</sup>		0,02 <sup>a</sup>		
		(d)	Other small fruit and berries (other than wild)			0,01 <sup>a</sup>	0,1 <sup>a</sup>	0,1 <sup>a</sup>	0,1 <sup>ab</sup>	1
			Bilberries							
			Cranberries							
			Currants (red, black and white)					1		

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			Gooseberries					1			
			Others	0,02 <sup>ab</sup>				0,02 <sup>a</sup>			
		(e)	Wild berries and wild fruit	0,02 <sup>ab</sup>	0,01 <sup>a</sup>	0,1 <sup>a</sup>	0,1 <sup>a</sup>	0,02 <sup>a</sup>	0,1 <sup>ab</sup>		0,05 <sup>a</sup>
		(vi)	MISCELLANEOUS		0,01 <sup>a</sup>						
			Avocados		15						
			Bananas	0,05 <sup>b</sup>	5			2			2
			Dates								
			Figs								
			Kiwi								
			Kumquats								
			Litchis								
			Mangoes		5						
			Olives (table consumption)								
			Olives (oil extraction)						1 <sup>b</sup>	1 <sup>b</sup>	
			Papaya		10		0,2	1			
			Passion fruit								
			Pineapples								
			Pomegranate								
			Others	0,02 <sup>ab</sup>	0,05 <sup>a</sup>		0,1 <sup>a</sup>	0,1 <sup>a</sup>	0,02 <sup>a</sup>	0,1 <sup>ab</sup>	0,05 <sup>ab</sup>
2.			<b>Vegetables, fresh or uncooked, frozen or dry</b>								
		(i)	ROOT AND TUBER VEGETABLES	0,02 <sup>ab</sup>	0,01 <sup>a</sup>	0,1 <sup>a</sup>	0,1 <sup>a</sup>		0,1 <sup>ab</sup>	0,05 <sup>ab</sup>	0,05 <sup>a</sup>
			Beetroot								
			Carrots					0,2			

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		Cassava		15							
		Celeriac									
		Horseradish						0,2			
		Jerusalem artichokes									
		Parsnips						0,2			
		Parsley root						0,2			
		Radishes									
		Falsify									
		Sweet potatoes		15							
		Swedes									
		Turnips									
		Yam		15							
		Others		0,05 <sup>a</sup>				0,02 <sup>a</sup>			
	(ii)	BULB VEGETABLES	0,02 <sup>ab</sup>	0,05 <sup>a</sup>	0,01 <sup>a</sup>	0,1 <sup>a</sup>	0,1 <sup>a</sup>	0,02 <sup>a</sup>	0,1 <sup>ab</sup>	0,05 <sup>ab</sup>	0,05 <sup>a</sup>
		Garlic									
		Onions									
		Shallots									
		Spring onions									
		Others									
	(iii)	FRUITION VEGETABLES		0,05 <sup>a</sup>					0,1 <sup>ab</sup>	0,05 <sup>ab</sup>	0,05 <sup>a</sup>
	(a)	Solanacea									
		Tomatoes <sup>b</sup>		0,02	0,5	2	0,3				
		Peppers		0,05			0,5				
		Aubergines		0,02	0,5	2	0,3				
		Okra			2	1					
		Others	0,02 <sup>ab</sup>	0,01 <sup>a</sup>	0,1 <sup>a</sup>	0,1 <sup>a</sup>	0,02 <sup>a</sup>				
	(b)	Cucurbit <sup>b</sup>		0,02	0,1 <sup>a</sup>	0,1 <sup>a</sup>	0,1				
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		edible peel							
		Cucumbers							
		Gherkins							
		Courgettes							
		Others							
	(c)	Cucurbits - inedible peel		0,01 <sup>a</sup>	0,1 <sup>a</sup>	0,3	0,2		
		Melon	0,3 <sup>b</sup>						
		Squashes							
		Watermelons							
		Others	0,02 <sup>ab</sup>						
	(d)	Sweet corn	0,02 <sup>ab</sup>	0,01 <sup>a</sup>	0,1 <sup>a</sup>	0,1 <sup>a</sup>	0,02 <sup>a</sup>		
	(iv)	BRASSICA VEGETABLES	0,02 <sup>ab</sup>	0,01 <sup>a</sup>			0,02 <sup>a</sup>	0,1 <sup>ab</sup>	0,05 <sup>ab</sup>
	(a)	Flowering brassica			0,1 <sup>a</sup>	0,1 <sup>a</sup>			0,05 <sup>a</sup>
		Broccoli (including Calabrese)	5						
		Cauliflower							
		Others	0,05 <sup>a</sup>						
	(b)	Head brassica	0,05 <sup>a</sup>						
		Brussels sprouts			0,5	1			0,5
		Head cabbage							
		Others			0,1 <sup>a</sup>	0,1 <sup>a</sup>			0,05 <sup>a</sup>
	(c)	Leafy brassica	0,05 <sup>a</sup>		0,1 <sup>a</sup>	0,1 <sup>a</sup>			0,05 <sup>a</sup>
		Chinese cabbage							
		Kale							

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			Others							
		(d)	Kohlrabi	0,05 <sup>a</sup>		0,1 <sup>a</sup>	0,1 <sup>a</sup>			0,05 <sup>a</sup>
	(v)	LEAF VEGETABLES AND FRESH HERBSAND		0,02 <sup>ab</sup>	0,05 <sup>a</sup>	0,1 <sup>a</sup>	0,1 <sup>a</sup>		0,1 <sup>ab</sup>	0,05 <sup>ab</sup>
		(a)	Lettuce and similar		0,1					
			Cress							
			Lamb's lettuce					5		
			Lettuce							
			Scarole (broad- leaf endive)							
			Ruccola							
			Leaves and stems of brassica							
			Others					0,02 <sup>a</sup>		
		(b)	Spinach and similar		0,01 <sup>a</sup>			0,02 <sup>a</sup>		
			Spinach							
			Beet leaves (chard)							
			Others							
		(c)	Water cress		0,01 <sup>a</sup>			0,02 <sup>a</sup>		
		(d)	Witloof	1	0,01 <sup>a</sup>			0,02 <sup>a</sup>		
		(e)	Herbs		0,01 <sup>a</sup>			0,02 <sup>a</sup>		
			Chervil							

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			Chives									
			Parsley									
			Celery leaves									
			Others									
	(vi)	LEGUME VEGETABLES (fresh)		0,05 <sup>a</sup>	0,01 <sup>a</sup>					0,1 <sup>ab</sup>	0,05 <sup>ab</sup>	0,05 <sup>a</sup>
		Beans (with pods)	0,5 <sup>b</sup>			0,2	0,1 <sup>a</sup>	0,3				
		Beans (without pods)										
		Peas (with pods)				0,2	0,1 <sup>a</sup>					
		Peas (without pods)										
		Others	0,02 <sup>ab</sup>			0,1 <sup>a</sup>	0,1 <sup>a</sup>	0,02 <sup>a</sup>				
	(vii)	STEM VEGETABLES (fresh)	0,02 <sup>ab</sup>	0,05 <sup>a</sup>	0,01 <sup>a</sup>	0,1 <sup>a</sup>	0,1 <sup>a</sup>			0,1 <sup>ab</sup>	0,05 <sup>ab</sup>	
		Asparagus										
		Cardoons										
		Celery										
		Fennel										
		Globe artichokes						0,5				
		Leek										1
		Rhubarb										
		Others						0,02 <sup>a</sup>				0,05 <sup>a</sup>
	(viii)	FUNGI	0,02 <sup>ab</sup>		0,01 <sup>a</sup>	0,1 <sup>a</sup>	0,1 <sup>a</sup>	0,02 <sup>a</sup>				0,05 <sup>a</sup>
		(a) Cultivated mushrooms	10							0,1 <sup>ab</sup>	0,05 <sup>ab</sup>	
		(b) Wild mushrooms	0,05 <sup>a</sup>							50 <sup>b</sup>	20 <sup>b</sup>	
3.		<b>Pulses</b>	0,02 <sup>ab</sup>	0,05 <sup>a</sup>	0,01 <sup>a</sup>	0,1 <sup>a</sup>	0,1 <sup>a</sup>	0,02 <sup>a</sup>			0,05 <sup>ab</sup>	0,05 <sup>a</sup>

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	Beans							2 <sup>b</sup>		
	Lentils									
	Peas							10 <sup>b</sup>		
	Lupins							10 <sup>b</sup>		
	Others							0,1 <sup>ab</sup>		
4.	<b>Oilseeds</b>	0,05 <sup>ab</sup>	0,05 <sup>a</sup>	0,02 <sup>a</sup>			0,05 <sup>a</sup>			0,05 <sup>a</sup>
	Linseed							10 <sup>b</sup>		
	Peanuts									
	Poppy seed									
	Sesame seed									
	Sunflower seed							20 <sup>b</sup>		
	Rape seed							10 <sup>b</sup>		
	Soya bean				0,2	0,3		20 <sup>b</sup>	10 <sup>b</sup>	
	Mustard seed							10 <sup>b</sup>		
	Cotton seed							10 <sup>b</sup>		
	Hemp seed									
	Others				0,1 <sup>a</sup>	0,1 <sup>a</sup>		0,1 <sup>ab</sup>	0,05 <sup>ab</sup>	
5.	<b>Potatoes</b>	0,02 <sup>ab</sup>		0,01 <sup>a</sup>	0,1 <sup>a</sup>	0,1 <sup>a</sup>	0,02 <sup>a</sup>	0,5 <sup>b</sup>	0,05 <sup>ab</sup>	0,05 <sup>a</sup>
	Early potatoes		0,05 <sup>a</sup>							
	Ware potatoes		15							
6.	<b>Tea (dried leaves and stalks, fermented or otherwise, <i>Camellia sinensis</i>)</b>	0,05 <sup>ab</sup>	0,1 <sup>a</sup>	0,02 <sup>a</sup>	0,1 <sup>a</sup>	0,1 <sup>a</sup>	0,05 <sup>a</sup>	2 <sup>b</sup>	0,05 <sup>ab</sup>	0,1 <sup>a</sup>
7.	<b>Hops (dried), including hop pellets and unconcentrated powder</b>	30 <sup>b</sup>	0,1 <sup>a</sup>	0,05	0,1 <sup>a</sup>	0,1 <sup>a</sup>	2	0,1 <sup>ab</sup>	0,05 <sup>ab</sup>	10

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- (1) OJ L 350, 14.12.1990, p. 71. Directive as last amended by Commission Directive 2006/53/EC (OJ L 154, 8.6.2006, p. 11).
- (2) OJ L 230, 19.8.1991, p. 1. Directive as last amended by Commission Directive 2006/45/EC (OJ L 130, 18.5.2006, p. 27).
- (3) 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).
- (4) OJ L 224, 18.8.1990, p. 1. Regulation as last amended by Commission Regulation (EC No 205/2006 (OJ L 34, 7.2.2006, p. 21).
- (5) 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, 14 July 1998); Opinion regarding variable pesticide residues in fruit and vegetables (Opinion expressed by SCP on 14 July 1998) [http://europa.eu.int/comm/food/fs/sc/scp/outcome\\_ppp\\_en.html](http://europa.eu.int/comm/food/fs/sc/scp/outcome_ppp_en.html)