

Commission Directive 2006/53/EC of 7 June 2006 amending Council Directive 90/642/EEC as regards the maximum residue levels of fenbutatin-oxide, fenhexamid, cyazofamid, linuron, triadimephon/triadimenol, pymetrozine, and pyraclostrobin (Text with EEA relevance)

COMMISSION DIRECTIVE 2006/53/EC

of 7 June 2006

amending Council Directive 90/642/EEC as regards the maximum residue levels of fenbutatin-oxide, fenhexamid, cyazofamid, linuron, triadimephon/triadimenol, pymetrozine, and pyraclostrobin

(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) Maximum residue levels (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 with respect to fenbutatin oxide, fenhexamid, cyazofamid, linuron, triadimephon/triadimenol, pymetrozine, and pyraclostrobin.
- (4) The lifetime exposure of consumers to these pesticides via food products that may contain residues of these pesticides has been assessed and evaluated in accordance with the procedures and practices used within the Community, taking account of

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guidelines published by the World Health Organisation<sup>(3)</sup>. Based on those assessment and evaluations, the MRLs for those pesticides should be set so as to ensure that the acceptable daily intake is not exceeded.

- (5) In the case of pymetrozine, linuron, triadimenol, pyraclostrobine and fenbutatin oxide 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 Organisation. 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>(4)</sup>, have been taken into account. Based on the intake assessment of pymetrozine, linuron, triadimenol, pyraclostrobine and fenbutatin oxide, the MRLs for those five 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) Therefore it is appropriate to fix new MRLs for those pesticides.
- (8) The setting or modification at Community level of provisional MRLs does not prevent the Member States from establishing provisional MRLs for fenhexamid, cyazofamid, linuron, pymetrozine, and pyraclostrobin 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.
- (9) Directive 90/642/EEC should therefore be amended accordingly.
- (10) 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*

In Annex I to Directive 90/642/EEC in the category '2. Vegetables, fresh or uncooked, frozen or dry, (v) Leaf vegetables and fresh herbs, (a) Lettuce and similar', the entries 'leaves and stems of brassica' and 'rucicola' are added between the entries 'Scarole' and 'others'.

*Article 2*

Part A of Annex II to Directive 90/642/EEC is amended in accordance with the Annex to this Directive.

### *Article 3*

1 Member States shall adopt and publish, by 8 December 2006 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 9 December 2006 except for pyraclostrobine where they shall apply the provisions from 21 April 2007.

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 4*

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

### *Article 5*

This Directive is addressed to the Member States.

Done at Brussels, 7 June 2006.

*For the Commission*

Markos KYPRIANOU

*Member of the Commission*

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## ANNEX

In part A of Annex II to Directive 90/642/EEC, the columns for fenbutatin oxide, fenhexamid, cyazofamid, linuron, triadimefon/triadimenol, pymetrozine, and pyraclostrobin 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)						
	Fenbutatin oxide	Fenhexamid	Cyazofamid	Linuron	Triadimefon and triadimenol (sum of triadimefon and triadimenol)	Pymetrozine	Pyraclostrobin
1. Fruit, fresh, dried or uncooked, preserved by freezing, not containing added sugar; nuts				0,05 <sup>ab</sup>			
(i) 5 CITRUS FRUIT	0,05 <sup>ab</sup>	0,01 <sup>ab</sup>			0,1 <sup>a</sup>	0,3 <sup>b</sup>	1 <sup>b</sup>
Grapefruit							
Lemons							
Limes							
Mandarins (including clementines and other hybrids)							
Oranges							
Pomelos							

**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.

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

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similar hybrids)							
Plums		1 <sup>b</sup>					0,1 <sup>b</sup>
Others		0,05 <sup>ab</sup>				0,02 <sup>ab</sup>	0,02 <sup>ab</sup>
(v) BERRIES AND SMALL FRUIT						0,02 <sup>ab</sup>	
(a) 2 Table and wine grapes		5 <sup>b</sup>	0,5 <sup>b</sup>		2		
Table grapes							1 <sup>b</sup>
Wine grapes							2 <sup>b</sup>
(b) 1 Strawberries (other than wild)		5 <sup>b</sup>	0,01 <sup>ab</sup>		0,5		0,5 <sup>b</sup>
(c) Cane fruit (other than wild)		10 <sup>b</sup>	0,01 <sup>ab</sup>		0,1 <sup>a</sup>		0,02 <sup>ab</sup>
Blackberries	5						
Dewberries							
Loganberries							
Raspberries	5						
Others	0,05 <sup>a</sup>						
(d) 0,05 <sup>a</sup> Other small fruit and berries (other than wild)		5 <sup>b</sup>	0,01 <sup>ab</sup>		1		0,02 <sup>ab</sup>

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Bilberries						
Cranberries						
Currants (red, black and white)						
Gooseberries						
Others						
(e) Wild berries and wild fruit	0,05 <sup>a</sup>	0,05 <sup>ab</sup>	0,01 <sup>ab</sup>		0,1 <sup>a</sup>	0,02 <sup>ab</sup>
(vi) MISCELLANEOUS			0,01 <sup>ab</sup>			0,02 <sup>ab</sup>
Avocados						
Bananas	3				0,2	
Dates						
Figs						
Kiwi		10 <sup>b</sup>				
Kumquats						
Litchis						
Mangoes						0,05 <sup>b</sup>
Olives						
Papaya						0,05 <sup>b</sup>
Passion fruit						
Pineapples					3	
Pomegranate						
Others	0,05 <sup>a</sup>	0,05 <sup>ab</sup>			0,1 <sup>a</sup>	0,02 <sup>ab</sup>

**2.****Vegetables,  
fresh or  
uncooked,  
frozen  
or dry**


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(i)	0,05 <sup>a</sup> ROOT AND TUBER VEGETABLES	0,05 <sup>ab</sup>	0,01 <sup>ab</sup>		0,1 <sup>a</sup>	0,02 <sup>ab</sup>	
Beetroot							
Carrots				0,2 <sup>b</sup>			0,1 <sup>b</sup>
Cassava							
Celeriac				0,5 <sup>b</sup>			
Horseradish							0,3 <sup>b</sup>
Jerusalem artichokes							
Parsnips				0,2 <sup>b</sup>			0,3 <sup>b</sup>
Parsley root				0,2 <sup>b</sup>			
Radishes							
Salsify							
Sweet potatoes							
Swedes							
Turnips							
Yam							
Others				0,05 <sup>ab</sup>			0,02 <sup>ab</sup>
(ii)	0,05 <sup>a</sup> BULB VEGETABLES	0,05 <sup>ab</sup>	0,01 <sup>ab</sup>	0,05 <sup>ab</sup>		0,02 <sup>ab</sup>	
Garlic							0,2 <sup>b</sup>
Onions					0,5		0,2 <sup>b</sup>
Shallots							0,2 <sup>b</sup>
Spring onions					1		
Others					0,1 <sup>a</sup>		0,02 <sup>ab</sup>
(iii)	FRUITING VEGETABLES			0,05 <sup>ab</sup>			
(a)	1 Solanacea						

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Tomatoes		1 <sup>b</sup>	0,2 <sup>b</sup>		0,3	0,5 <sup>b</sup>	0,2 <sup>b</sup>
Peppers		2 <sup>b</sup>			0,5	1 <sup>b</sup>	0,5 <sup>b</sup>
Aubergines		1 <sup>b</sup>				0,5 <sup>b</sup>	0,2 <sup>b</sup>
Others		0,05 <sup>ab</sup>	0,01 <sup>ab</sup>		0,1 <sup>a</sup>	0,02 <sup>ab</sup>	0,02 <sup>ab</sup>
(b) Cucurbits — edible peel		1 <sup>b</sup>	0,1 <sup>b</sup>		0,1 <sup>a</sup>	0,5 <sup>b</sup>	0,02 <sup>ab</sup>
Cucumbers	0,5						
Gherkins							
Courgettes	0,5						
Others	0,05 <sup>a</sup>						
(c) Cucurbits — inedible peel	0,05 <sup>a</sup>	0,05 <sup>ab</sup>	0,1 <sup>b</sup>		0,1 <sup>a</sup>	0,2 <sup>b</sup>	0,02 <sup>ab</sup>
Melons							
Squashes							
Watermelons							
Others							
(d) Sweet corn	0,05 <sup>a</sup>	0,05 <sup>ab</sup>	0,01 <sup>ab</sup>		0,1 <sup>a</sup>	0,02 <sup>ab</sup>	0,02 <sup>ab</sup>
(iv) BRASSICA VEGETABLES	0,05 <sup>a</sup>	0,05 <sup>ab</sup>	0,01 <sup>ab</sup>	0,05 <sup>ab</sup>	0,1 <sup>a</sup>		
(a) Flowering brassica						0,02 <sup>ab</sup>	0,1 <sup>b</sup>
Broccoli (including Calabrese)							
Cauliflower							
Others							
(b) Head brassica							
Brussels sprouts							0,2 <sup>b</sup>

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	Head cabbage					0,05 <sup>b</sup>	0,2 <sup>b</sup>
	Others					0,02 <sup>ab</sup>	0,02 <sup>ab</sup>
(c)	Leafy brassica					0,2 <sup>b</sup>	0,02 <sup>ab</sup>
	Chinese cabbage						
	Kale						
	Others						
(d)	Kohlrabi					0,02 <sup>ab</sup>	0,02 <sup>ab</sup>
(v)	0,05 <sup>a</sup> LEAF VEGETABLES AND FRESH HERBS		0,01 <sup>ab</sup>		0,1 <sup>a</sup>		
(a)	Lettuce and similar	30 <sup>b</sup>		0,05 <sup>ab</sup>		2 <sup>b</sup>	2 <sup>b</sup>
	Cress						
	Lamb's lettuce						
	Lettuce						
	Scarole (broad-leaf endive)						
	Ruccola						
	Leaves and stems of brassica						
	Others						
(b)	Spinach and similar	0,05 <sup>ab</sup>		0,05 <sup>ab</sup>		0,02 <sup>ab</sup>	0,02 <sup>ab</sup>
	Spinach						

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Beet leaves (chard)							
Others							
(c) Water cress		0,05 <sup>ab</sup>		0,05 <sup>ab</sup>		0,02 <sup>ab</sup>	0,02 <sup>ab</sup>
(d) Witloof		0,05 <sup>ab</sup>		0,05 <sup>ab</sup>		0,02 <sup>ab</sup>	0,02 <sup>ab</sup>
(e) Herbs		30 <sup>b</sup>		1 <sup>b</sup>		1 <sup>b</sup>	2 <sup>b</sup>
Chervil							
Chives							
Parsley							
Celery leaves							
Others							
(vi) LEGUME VEGETABLES (fresh)	0,05 <sup>a</sup>	0,05 <sup>ab</sup>	0,01 <sup>ab</sup>		0,1 <sup>a</sup>	1 <sup>b</sup>	0,02 <sup>ab</sup>
Beans (with pods)							
Beans (without pods)				0,1 <sup>b</sup>			
Peas (with pods)							
Peas (without pods)				0,1 <sup>b</sup>			
Others				0,05 <sup>ab</sup>			
(vii) STEM VEGETABLES (fresh)	0,05 <sup>a</sup>	0,05 <sup>ab</sup>	0,01 <sup>ab</sup>			0,02 <sup>ab</sup>	
Asparagus							
Cardoons							

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Celery				0,1 <sup>b</sup>			
Fennel							
Globe artichokes					1		
Leek							0,5 <sup>b</sup>
Rhubarb							
Others				0,05 <sup>ab</sup>	0,1 <sup>a</sup>		0,02 <sup>ab</sup>
(viii) FUNGI	0,05 <sup>a</sup>	0,05 <sup>ab</sup>	0,01 <sup>ab</sup>	0,05 <sup>ab</sup>	0,1 <sup>a</sup>	0,02 <sup>ab</sup>	0,02 <sup>ab</sup>
(a) Cultivated mushrooms							
(b) Wild mushrooms							
3. Pulses	0,05 <sup>a</sup>	0,05 <sup>ab</sup>	0,01 <sup>ab</sup>	0,05 <sup>ab</sup>	0,1 <sup>a</sup>	0,02 <sup>ab</sup>	0,3 <sup>b</sup>
Beans							
Lentils							
Peas							
Others							
4. Oilseeds	0,05 <sup>a</sup>	0,1 <sup>ab</sup>	0,02 <sup>ab</sup>	0,1 <sup>ab</sup>	0,2 <sup>a</sup>		0,02 <sup>ab</sup>
Linseed							
Peanuts							
Poppy seed							
Sesame seed							
Sunflower seed							
Rape seed							
Soya bean							
Mustard seed							
Cotton seed						0,05 <sup>b</sup>	

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Others						0,02 <sup>ab</sup>	
5.	0,05 <sup>a</sup> <b>Potatoes</b>	0,05 <sup>ab</sup>	0,01 <sup>ab</sup>	0,05 <sup>ab</sup>	0,1 <sup>a</sup>	0,02 <sup>ab</sup>	0,02 <sup>ab</sup>
Early potatoes							
Ware potatoes							
6.	0,1 <sup>a</sup> <b>Tea</b> (dried leaves and stalks, fermented or otherwise, <i>Camellia sinensis</i> )	0,1 <sup>ab</sup>	0,02 <sup>ab</sup>	0,1 <sup>ab</sup>	0,2 <sup>a</sup>	0,1 <sup>ab</sup>	0,05 <sup>ab</sup>
7.	0,1 <sup>a</sup> <b>Hops</b> (dried), including hop pellets and unconcentrated powder	0,1 <sup>ab</sup>	0,02 <sup>ab</sup>	0,1 <sup>ba</sup>	10	15 <sup>b</sup>	10 <sup>b</sup>

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- (1) OJ L 350, 14.12.1990, p. 71. Directive as last amended by Commission Directive 2006/30/EC (OJ L 75, 14.3.2006, p. 7).
- (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) 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)