



MINISTÈRE DE LA SANTÉ
Direction de la santé

Service de la sécurité alimentaire

Multi-Annual National Plan for Pesticide Residues

Monitoring in produce of plant and animal origin

Luxembourg
2010-2012

MINISTRY OF HEALTH
DIRECTION FOR PUBLIC HEALTH - FOOD SAFETY SERVICE
February 2010

Service de la sécurité alimentaire	7-9 avenue Victor Hugo L-1750 Luxembourg	 (352) 2477 5625  (352) 2479 5655	
Plan pluri annuel intégré partiel Pesticides	FC/PH	Luxembourg	Page 1/13

1. Introduction

The multi-annual national control plan for pesticide residues monitoring in and on fruits, vegetables and cereals 2010-2012 has been planned in line with regulation (EC) N° 396/2005 and regulation (EC) N° 901/2009.

The national control plan for pesticide residues monitoring in and on food of animal origin is planned in line with directive (CE) N° 96/23 and decision (CE) N° 97/747.

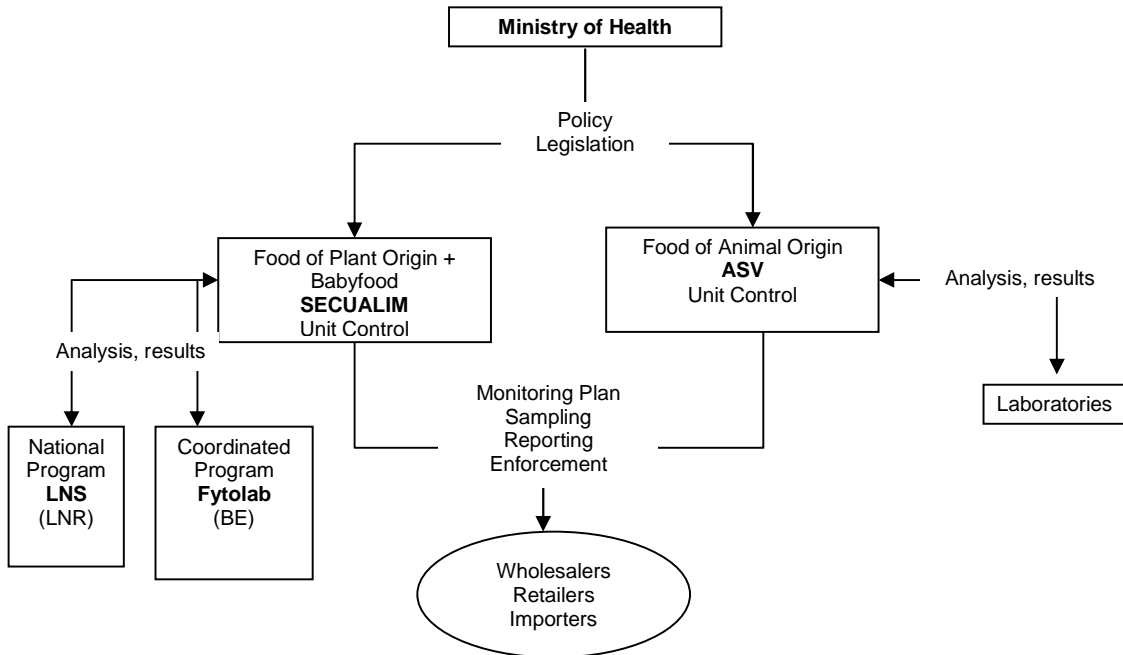
2. Legislation

- Regulation (EC) N° 396/2005/CE of the European Parliament and the Council of 23 February 2005 on maximum residue levels of pesticides in or on food and feed of plant and animal origin and amending Council directive (EC) N° 91/414. (OJL 70, 16/03/2009)
- Regulation (EC) N° 901/2009 of 28 September 2009 concerning a coordinated multiannual Community control program for 2010. 2011. 2012 to ensure compliance with maximum levels of and to assess the consumer exposure to pesticide residues in and on food of plant and animal origin. (OJL 256, 29/09/09)
- Commission Directive (EC) N° 2002/63 of 11 July 2002 establishing Community methods of sampling for the official control of pesticide residues in and on products of plant and animal origin and repealing Directive (EC) N° 79/700. (OJL 27, 30/01/2002)
- Council Directive (CE) N° 96/23 of 29 April 1996 on measures to monitor certain substances and residues thereof in live animals and animal products and repealing Directives 85/358/EEC and 86/469/EEC and Decisions 89/187/EEC and 91/664/EEC. (OJL 125, 23/05/1996)
- Commission Decision (CE) N° 97/747 of 27 October 1997 fixing the levels and frequencies of sampling provided for by Council Directive 96/23/EC for the monitoring of certain substances and residues thereof in certain animal products. (OJL 303, 6/11/1997)

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3. Competent Authorities for pesticide residues

The Food Safety Service of the Direction for Public Health under the Ministry of Health is the competent Authority for the control of the pesticide residues in food of plant and animal origin, including baby food, and is responsible for the operation of notifications the Rapid Alert System via the national contact point(OSQCA) for the same categories of food.



Secualim: Food safety service of the Direction of public health
ASV: Veterinary Service Administration
LNS: National health laboratory

4. Organization of Monitoring program and sampling for food of animal origin

The annual control program for food of animal origin is drafted by the veterinary Services Administration (ASV).

The monitoring is in compliance with directive (CE) N° 96/23 and decision (CE) N° 97/747. The number of samples per matrix to be analyzed is defined by these regulations.

All results are transmitted to the DG SANCO unit 5 through a special database application “Residues – Monitoring plan and result” available on the Internet.

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5. Organization of Monitoring program and sampling for food of plant origin

The annual control program for food of plant origin and for baby food is drafted by the Food safety service of the Direction for public health. It provides for sampling for the presence of pesticides residues in fruit, vegetables, cereals and baby food.

The choice of food products to be sampled and the pesticides to be analyzed is based on a risk analysis, in particular taking into account results from previous checks, toxicological data of residues and food consumption figures.

The EU coordinated program is the main part of the control program.

Sampling is carried out mainly at wholesalers but also at retail level. Samples collected by inspectors of the Food Safety Service arrive at the National health laboratory of Luxembourg

- The samples for the coordinated community control are sent to a specific laboratory in Belgium (Fytolab). (Since 2009).
- The samples for the national annual program are analyzed by the national health laboratory of Luxembourg.

All results are reported to the Food safety service. In case of a non compliant sample, an assessment of the risk to the consumer is performed and the appropriate measures such as recall and RASFF notification are taken. The ASTA (Technical services of agricultural sector responsible for primary production) is informed of all non compliant results on national production.

6. History

	2007	2008	2009
Coordinated community Program	Cabbage Strawberries Lettuce Apples Tomatoes Peaches Leek Baby food	Beans Carrots Cucumbers Oranges or Mandarins Pears Potatoes Rice Spinach Baby food	Aubergines Bananas Cauliflower, Grapes Orange juice Peas Peppers (sweet) Flour Baby Food
National annual Program	Wine Grapes Exotic fruits	Wine Grapes Flour	Plum Pumpkin Coriander

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7. Scheduled commodities 2010-2012

It has to be mentioned, that the program for 2010 is mainly fixed, but the plans for 2011 and 2012 may be changed next year in respect to new knowledge, special experiences or other legitimate factors.

	2010		2011	2012
	Food (Number of samples)	Code for pesticides	Food	Food
Coordinated Community Program (Fytolab)	Apples (15)	LMS+GMS+Captan, Folpet	Spinach	Orange juice
	Head cabbage (15)	LMS+GMS	Beans	Flour
	Leek (15)	LMS+GMS	Rice	Grapes
	Lettuce(15)	LMS+GMS+Dithiocarbamates	Potatoes	Peas
	Tomatoes (15)	LMS+GMS+Ethephon	Carrots	Aubergines
	Peaches (15)	LMS+GMS	Cucumbers	Bananas
	Strawberries (15)	LMS+GMS	Oranges	Cauliflower
	Flour (15)	LMS+GMS4+Chlormequat, Mepiquat	Pears	Peppers
	Baby food (10)	LMS+GMS+LMS2+ LMS5 + Dithiocarbamates	Baby Food	Baby Food
National Program (LNS)	Wine Grapes (12)	LMS+GMS+LMS2+ LMS5 + Dithiocarbamates	Wine Grapes	
	Mushroom (12)	LMS+GMS+ Nicotin	Flour	
	Pears (15)	Amitraze		
	Different fruits and vegetables (72)	LNS	Different fruits and vegetables	Different fruits and vegetables

8. Details of the analysis of Pesticides

Details of what pesticide residues are analyzed per Code listed in the table above.

Coding GMS

Name	LOQ[mg/kg]	Code EFSA	Name	LOQ[mg/kg]	Code EFSA
Aclonifen	0,02	RF-0017-001-PPP	Diazinon	0,01	RF-0123-001-PPP
Acrinathrin	0,01	RF-0018-001-PPP	Dichlofluanid	0,05	RF-0453-001-PPP
Alachlor	0,1	RF-0019-001-PPP	Dichlorvos	0,01	RF-0127-001-PPP
Aldrin and Dieldrin	0,01	RF-0021-001-PPP	Dicloran	0,01	RF-0129-001-PPP
Atrazine	0,01	RF-0029-001-PPP	Dicofol	0,01	RF-0130-001-PPP
Benalaxyl	0,01	RF-0038-001-PPP	Diethofencarb	0,01	RF-0132-001-PPP
Benfluralin	0,01	RF-0039-001-PPP	Diphenylamine	0,05	RF-0147-001-PPP
Bifenazate	0,05	RF-0044-001-PPP	Ditalimfos	0,01	RF-0640-001-PPP
Bifenox	0,05	RF-0045-001-PPP	Dodemorph	0,01	RF-0645-001-PPP
Bifenthrin	0,01	RF-0046-001-PPP	Endosulfan	0,01	RF-0155-001-PPP
Biphenyl	0,01	RF-0506-001-PPP	Endrin	0,05	RF-0156-001-PPP
Bromophos-ethyl	0,01	RF-0051-001-PPP	EPN	0,01	RF-0654-001-PPP
Bromopropylate	0,01	RF-0052-001-PPP	Ethion	0,01	RF-0161-001-PPP
Bupirimate	0,01	RF-0055-001-PPP	Ethoprophos	0,008	RF-0164-001-PPP
Buprofezin	0,02	RF-0056-001-PPP	Ethoxyquin	0,01	RF-0165-001-PPP
Butralin	0,01	RF-0057-001-PPP	Etofenprox	0,01	RF-0168-001-PPP
Cadusafos	0,01	RF-0528-001-PPP	Etrimfos	0,01	RF-0668-001-PPP
Carbophenothion	0,02	RF-0535-001-PPP	Famoxadone	0,02	RF-0171-001-PPP
Chinomethionat	0,01	RF-0539-001-PPP	Fenarimol	0,01	RF-0174-001-PPP
Chlordane	0,02	RF-0075-001-PPP	Fenazaquin	0,05	RF-0175-001-PPP
Chlorfenapyr	0,01	RF-0077-001-PPP	Fenitrothion	0,01	RF-0180-001-PPP
Chlorfenson	0,01	RF-0078-001-PPP	Fenpropathrin	0,01	RF-0183-001-PPP
Chlorobenzilate	0,01	RF-0082-001-PPP	Fenpropimorph	0,01	RF-0185-001-PPP
Chlorothalonil	0,01	RF-0084-001-PPP	Fenvalerate and Esfenvalerate	0,01	RF-0190-001-PPP
Chlorpropham	0,01	RF-0086-001-PPP	Fipronil	0,01	RF-0192-003-PPP
Chlorpyrifos ethyl	0,005	RF-1013-001-PPP	Flucythrinate	0,01	RF-0201-001-PPP
Chlorpyrifos-methyl	0,01	RF-0088-001-PPP	Fludioxonil	0,01	RF-0202-001-PPP
Chlorthal-dimethyl	0,01	RF-0090-001-PPP	Flumetralin	0,01	RF-0706-001-PPP
Chlozolinate	0,01	RF-0093-001-PPP	Flutolanil	0,01	RF-0219-001-PPP
Clomazone	0,02	RF-0099-001-PPP	Fluvalinate	0,02	RF-0721-001-PPP
Cyfluthrin	0,01	RF-0108-001-PPP	Formothion	0,01	RF-0224-001-PPP
Cyhalofop-butyl	0,01	RF-0109-001-PPP	Furalaxyl	0,01	RF-0727-001-PPP
Cypermethrin	0,01	RF-0112-001-PPP	HCH	0,01	RF-0240-003-PPP
Cyprodinil	0,01	RF-0114-001-PPP	Heptenophos	0,01	RF-0737-001-PPP
DDD, o,p-	0,01	RF-0119-005-PPP	Hexachlorobenzene	0,003	RF-0237-001-PPP
DDE, o,p-	0,01	RF-0119-007-PPP	Iprodione	0,02	RF-0255-001-PPP
DDT	0,01	RF-0119-001-PPP	Isocarbophos	0,01	RF-0754-001-PPP
DDT, o,p-	0,01	RF-0119-003-PPP	Isofenphos	0,01	RF-0756-001-PPP
DDT, p,p-	0,01	RF-0119-006-PPP	Isofenphos-Methyl	0,01	RF-0758-001-PPP
Deltamethrin	0,01	RF-0120-001-PPP	Kresoxim-methyl	0,01	RF-0260-001-PPP

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Coding GMS

Name	LOQ[mg/kg]	Code EFSA	Name	LOQ[mg/kg]	Code EFSA
Lambda-Cyhalothrin	0,01	RF-0261-001-PPP	Pirimiphos-methyl	0,01	RF-0348-001-PPP
Lindane	0,01	RF-0263-001-PPP	Procymidone	0,01	RF-0350-001-PPP
Malathion	0,01	RF-0266-001-PPP	Profenofos	0,01	RF-0351-001-PPP
Mecarbam	0,01	RF-0272-001-PPP	Profluralin	0,01	RF-0858-001-PPP
Mepronil	0,01	RF-0780-001-PPP	Prometryn	0,01	RF-0862-001-PPP
Metazachlor	0,01	RF-0285-001-PPP	Propargite	0,01	RF-0357-001-PPP
Methacrifos	0,01	RF-0288-001-PPP	Propoxur	0,01	RF-0361-001-PPP
Methidathion	0,01	RF-0290-001-PPP	Propyzamide	0,01	RF-0364-001-PPP
Metrafenone	0,01	RF-0299-001-PPP	Prothiofos	0,01	RF-0869-001-PPP
Metribuzin	0,01	RF-0300-001-PPP	Pyraclostrobin	0,01	RF-0370-001-PPP
Mevinphos	0,01	RF-0302-001-PPP	Pyrazophos	0,01	RF-0373-001-PPP
Mirex	0,02	RF-0797-001-PPP	Pyridaben	0,01	RF-0375-001-PPP
Myclobutanil	0,01	RF-0308-001-PPP	Pyriproxyfen	0,01	RF-0378-001-PPP
Nitrofen	0,01	RF-0311-001-PPP	Quinalphos	0,01	RF-0380-001-PPP
Nitrothal-Isopropyl	0,01	RF-0815-001-PPP	Quinoxifen	0,01	RF-0382-001-PPP
Nuarimol	0,01	RF-0819-001-PPP	Quintozene	0,01	RF-0383-001-PPP
Orthophenylphenol	0,05	RF-0823-001-PPP	Silthiofam	0,01	RF-0389-001-PPP
Oxadiazon	0,01	RF-0318-001-PPP	Simazine	0,01	RF-0390-001-PPP
Oxychlorthane	0,01	RF-0827-001-PPP	Spirodiclofen	0,01	RF-0394-001-PPP
Oxyfluorfen	0,01	RF-0324-001-PPP	Spiromesifen	0,01	RF-0395-001-PPP
Paraoxon	0,05	RF-0828-001-PPP	Sulfotep	0,01	RF-0903-001-PPP
Parathion ethyl	0,01	RF-1014-001-PPP	Tecnazene	0,01	RF-0406-001-PPP
Parathion-methyl	0,01	RF-0328-001-PPP	Tefluthrin	0,01	RF-0408-001-PPP
Penconazole	0,01	RF-0329-001-PPP	Terbufos	0,003	RF-0412-002-PPP
Pendimethalin	0,01	RF-0331-001-PPP	Terbuthylazine	0,01	RF-0413-001-PPP
Pentachloroanisole	0,01	RF-0837-001-PPP	Tetrachlorvinphos	0,01	RF-0920-001-PPP
Permethrin	0,01	RF-0842-001-PPP	Tetradifon	0,01	RF-0415-001-PPP
Phorate	0,01	RF-0336-003-PPP	Tolclofos-methyl	0,01	RF-0424-001-PPP
Phosalone	0,01	RF-0337-001-PPP	Tolyfluanid	0,05	RF-0425-001-PPP
Phoxim	0,02	RF-0342-001-PPP	Triazophos	0,01	RF-0432-001-PPP
Piperonyl Butoxide	0,01	RF-0848-001-PPP	Trifluralin	0,01	RF-0442-001-PPP
Pirimiphos-Ethyl	0,01	RF-0851-001-PPP	Vinclozolin	0,01	RF-0450-001-PPP

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Coding GMS4

Name	LOQ[mg/kg]	Code EFSA	Name	LOQ[mg/kg]	Code EFSA
Aclonifen	0,02	RF-0017-001-PPP	Cyprodinil	0,01	RF-0114-001-PPP
Acrinathrin	0,01	RF-0018-001-PPP	DDD, o,p-	0,01	RF-0119-005-PPP
Alachlor	0,01	RF-0019-001-PPP	DDE, o,p-	0,01	RF-0119-007-PPP
Aldrin and Dieldrin	0,025	RF-0021-001-PPP	DDT	0,01	RF-0119-001-PPP
Atrazine	0,01	RF-0029-001-PPP	DDT, o,p-	0,01	RF-0119-003-PPP
Benalaxyl	0,01	RF-0038-001-PPP	DDT, p,p-	0,01	RF-0119-006-PPP
Benfluralin	0,01	RF-0039-001-PPP	Deltamethrin	0,01	RF-0120-001-PPP
Bifenazate	0,05	RF-0044-001-PPP	Diazinon	0,01	RF-0123-001-PPP
Bifenox	0,05	RF-0045-001-PPP	Dichlorvos	0,01	RF-0127-001-PPP
Bifenthrin	0,01	RF-0046-001-PPP	Dicloran	0,01	RF-0129-001-PPP
Biphenyl	0,01	RF-0506-001-PPP	Diphenylamine	0,05	RF-0147-001-PPP
Bromophos-ethyl	0,01	RF-0051-001-PPP	Ditalimfos	0,01	RF-0640-001-PPP
Bromopropylate	0,01	RF-0052-001-PPP	Dodemorph	0,04	RF-0645-001-PPP
Buprofezin	0,02	RF-0056-001-PPP	Endosulfan	0,01	RF-0155-001-PPP
Butralin	0,01	RF-0057-001-PPP	Endrin	0,02	RF-0156-001-PPP
Cadusafos	0,01	RF-0528-001-PPP	EPN	0,01	RF-0654-001-PPP
Carbophenothion	0,01	RF-0535-001-PPP	Ethion	0,01	RF-0161-001-PPP
Chinomethionat	0,01	RF-0539-001-PPP	Ethoprophos	0,008	RF-0164-001-PPP
Chlordane	0,02	RF-0075-001-PPP	Ethoxyquin	0,01	RF-0165-001-PPP
Chlorfenapyr	0,01	RF-0077-001-PPP	Etofenprox	0,01	RF-0168-001-PPP
Chlorobenzilate	0,01	RF-0082-001-PPP	Etrimfos	0,01	RF-0668-001-PPP
Chlorothalonil	0,01	RF-0084-001-PPP	Famoxadone	0,02	RF-0171-001-PPP
Chlorpropham	0,01	RF-0086-001-PPP	Fenarimol	0,01	RF-0174-001-PPP
Chlorpyrifos ethyl	0,005	RF-1013-001-PPP	Fenazaquin	0,05	RF-0175-001-PPP
Chlorpyrifos-methyl	0,01	RF-0088-001-PPP	Fenitrothion	0,01	RF-0180-001-PPP
Chlorthal-dimethyl	0,01	RF-0090-001-PPP	Fenpropathrin	0,01	RF-0183-001-PPP
Chlozolinate	0,01	RF-0093-001-PPP	Fenpropimorph	0,01	RF-0185-001-PPP
Cyfluthrin	0,01	RF-0108-003-PPP	Fenvalerate and Esfenvalerate	0,01	RF-0190-001-PPP
Cyhalothrin	0,01	RF-0584-001-PPP	Fipronil	0,01	RF-0192-003-PPP
Cypermethrin	0,01	RF-0112-001-PPP	Flucythrinate	0,01	RF-0201-001-PPP

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Name	LOQ[mg/kg]	Code EFSA	Name	LOQ[mg/kg]	Code EFSA
Fludioxonil	0,01	RF-0202-001-PPP	Phorate	0,01	RF-0336-003-PPP
Flumetralin	0,01	RF-0706-001-PPP	Phosalone	0,01	RF-0337-001-PPP
Fluvalinate	0,02	RF-0721-001-PPP	Phoxim	0,02	RF-0342-001-PPP
Formothion	0,01	RF-0224-001-PPP	Piperonyl Butoxide	0,01	RF-0848-001-PPP
Furalaxyl	0,01	RF-0727-001-PPP	Pirimiphos-Ethyl	0,01	RF-0851-001-PPP
HCH	0,01	RF-0240-003-PPP	Pirimiphos-methyl	0,01	RF-0348-001-PPP
Heptenophos	0,01	RF-0737-001-PPP	Procymidone	0,01	RF-0350-001-PPP
Hexachlorobenzene	0,003	RF-0237-001-PPP	Profenofos	0,01	RF-0351-001-PPP
Iprodione	0,02	RF-0255-001-PPP	Profluralin	0,01	RF-0858-001-PPP
Isocarbophos	0,01	RF-0754-001-PPP	Prometryn	0,01	RF-0862-001-PPP
Isofenphos	0,01	RF-0756-001-PPP	Propargite	0,025	RF-0357-001-PPP
Isofenphos-Methyl	0,01	RF-0758-001-PPP	Propoxur	0,01	RF-0361-001-PPP
Kresoxim-methyl	0,01	RF-0260-001-PPP	Propyzamide	0,01	RF-0364-001-PPP
Lindane	0,01	RF-0263-001-PPP	Prothiofos	0,01	RF-0869-001-PPP
Malathion	0,01	RF-0266-001-PPP	Pyraclostrobin	0,01	RF-0370-001-PPP
Mecarbam	0,01	RF-0272-001-PPP	Pyrazophos	0,01	RF-0373-001-PPP
Mepronil	0,01	RF-0780-001-PPP	Pyridaben	0,01	RF-0375-001-PPP
Metazachlor	0,01	RF-0285-001-PPP	Pyriproxyfen	0,01	RF-0378-001-PPP
Methacrifos	0,01	RF-0288-001-PPP	Quinalphos	0,01	RF-0380-001-PPP
Methidathion	0,01	RF-0290-001-PPP	Quinoxifen	0,01	RF-0382-001-PPP
Metrafenone	0,01	RF-0299-001-PPP	Quintozene	0,01	RF-0383-001-PPP
Metribuzin	0,01	RF-0300-001-PPP	Silthiofam	0,01	RF-0389-001-PPP
Mevinphos	0,01	RF-0302-001-PPP	Simazine	0,01	RF-0390-001-PPP
Nitrofen	0,01	RF-0311-001-PPP	Spirodiclofen	0,01	RF-0394-001-PPP
Nitrothal-Isopropyl	0,01	RF-0815-001-PPP	Spiromesifen	0,01	RF-0395-001-PPP
Nuarimol	0,01	RF-0819-001-PPP	Sulfotep	0,01	RF-0903-001-PPP
Orthophenylphenol	0,05	RF-0823-001-PPP	Tecnazene	0,01	RF-0406-001-PPP
Oxadiazon	0,01	RF-0318-001-PPP	Tefluthrin	0,01	RF-0408-001-PPP
Oxychlorane	0,01	RF-0827-001-PPP	Terbufos	0,003	RF-0412-002-PPP
Oxyfluorfen	0,01	RF-0324-001-PPP	Terbuthylazine	0,01	RF-0413-001-PPP
Paraoxon	0,05	RF-0828-001-PPP	Tetrachlorvinphos	0,01	RF-0920-001-PPP
Parathion ethyl	0,01	RF-1014-001-PPP	Tetradifon	0,01	RF-0415-001-PPP
Parathion-methyl	0,01	RF-0328-001-PPP	Tolclofos-methyl	0,01	RF-0424-001-PPP
Penconazole	0,01	RF-0329-001-PPP	Triazophos	0,01	RF-0432-001-PPP
Pendimethalin	0,01	RF-0331-001-PPP	Trifluralin	0,01	RF-0442-001-PPP
Pentachloroanisole	0,01	RF-0837-001-PPP	Vinclozolin	0,01	RF-0450-001-PPP
Permethrin	0,01	RF-0842-001-PPP			

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Coding LMS

Name	LOQ[mg/kg]	Code EFSA	Name	LOQ[mg/kg]	Code EFSA
Acephate	0,02	RF-0012-001-PPP	Dimethoate	0,01	RF-0139-001-PPP
Acetamiprid	0,01	RF-0014-001-PPP	Dimethomorph	0,01	RF-0140-001-PPP
Acybenzolar-S-methyl	0,01	RF-0016-002-PPP	Dimoxystrobin	0,01	RF-0141-001-PPP
Aldicarb	0,01	RF-0020-001-PPP	Diniconazole	0,01	RF-0142-001-PPP
Amidosulfuron	0,01	RF-0022-001-PPP	Disulfoton	0,01	RF-0149-001-PPP
Azadirachtin	0,01	RF-0030-001-PPP	Dodine	0,02	RF-0154-001-PPP
Azamethiphos	0,01	RF-0484-001-PPP	Epoconazole	0,01	RF-0157-001-PPP
Azimsulfuron	0,01	RF-0031-001-PPP	Ethiofencarb	0,01	RF-0660-001-PPP
Azinphos-ethyl	0,01	RF-0032-001-PPP	Ethirimol	0,01	RF-0162-001-PPP
Azinphos-methyl	0,01	RF-0033-001-PPP	Etoazole	0,01	RF-0169-001-PPP
Azoxystrobin	0,01	RF-0035-001-PPP	Fenamidone	0,01	RF-0172-001-PPP
Bendiocarb	0,01	RF-0489-001-PPP	Fenamiphos	0,02	RF-0173-001-PPP
Benfuracarb	0,01	RF-0040-001-PPP	Fenbuconazole	0,01	RF-0176-001-PPP
Benthiavalicarb	0,01	RF-0043-001-PPP	Fenhexamid	0,01	RF-0179-001-PPP
Bitertanol	0,02	RF-0048-001-PPP	Fenobucarb	0,01	RF-0677-001-PPP
Boscalid	0,02	RF-0049-001-PPP	Fenoxycarb	0,01	RF-0182-001-PPP
Bromuconazole	0,01	RF-0054-001-PPP	Fenpropidin	0,01	RF-0184-001-PPP
Carbaryl	0,01	RF-0062-001-PPP	Fenpyroximate	0,01	RF-0186-001-PPP
Carbendazim and benomyl	0,01	RF-0041-001-PPP	Fensulfotion	0,01	RF-0685-002-PPP
Carbetamide	0,01	RF-0064-001-PPP	Fenthion	0,01	RF-0187-001-PPP
Carbofuran	0,01	RF-0065-001-PPP	Fenuron	0,01	RF-0689-001-PPP
Carbosulfan	0,05	RF-0068-001-PPP	Flazasulfuron	0,01	RF-0193-001-PPP
Carboxin	0,01	RF-0069-001-PPP	Florasulam	0,01	RF-0195-001-PPP
Carfentrazone-ethyl	0,01	RF-0070-003-PPP	Fluazifop-P-butyl	0,01	RF-0197-001-PPP
Chlorbromuron	0,01	RF-0544-001-PPP	Fluazinam	0,02	RF-0198-001-PPP
Chlorfenvinphos	0,01	RF-0079-001-PPP	Flufenoxuron	0,01	RF-0204-001-PPP
Chloridazon	0,01	RF-0080-001-PPP	Fluoxastrobin	0,01	RF-0211-001-PPP
Chlorotoluron	0,01	RF-0092-001-PPP	Flupyrsulfuron-methyl	0,01	RF-0212-001-PPP
Chloroxuron	0,01	RF-0085-001-PPP	Fluquinconazole	0,01	RF-0213-001-PPP
Chlorsulfuron	0,01	RF-0089-001-PPP	Fluroxypyr	0,02	RF-0215-003-PPP
Clofentezine	0,01	RF-0098-001-PPP	Flurtamone	0,01	RF-0217-001-PPP
Clothianidin	0,01	RF-0101-001-PPP	Flusilazole	0,01	RF-0218-001-PPP
Cyazofamid	0,01	RF-0104-001-PPP	Flutriafol	0,01	RF-0220-001-PPP
Cymiazol	0,01	RF-0586-001-PPP	Foramsulfuron	0,01	RF-0222-001-PPP
Cymoxanil	0,01	RF-0111-001-PPP	Fosthiazate	0,01	RF-0226-001-PPP
Cyproconazole	0,01	RF-0113-001-PPP	Fuberidazole	0,01	RF-0227-001-PPP
Demeton-S-Methyl	0,006	RF-0594-002-PPP	Furathiocarb	0,01	RF-0228-001-PPP
Diclotophos	0,01	RF-0612-001-PPP	Hexaconazole	0,01	RF-0241-001-PPP
Difenoconazole	0,01	RF-0133-001-PPP	Hexythiazox	0,01	RF-0242-001-PPP
Diflubenzuron	0,01	RF-0134-001-PPP	Imazalil	0,01	RF-0246-001-PPP

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Coding LMS

Name	LOQ[mg/kg]	Code EFSA	Name	LOQ[mg/kg]	Code EFSA
Imidacloprid	0,01	RF-0250-001-PPP	Pinoxaden	0,01	RF-0346-001-PPP
Indoxacarb	0,01	RF-0251-001-PPP	Promecarb	0,01	RF-0860-001-PPP
Iodosulfuron-methyl	0,01	RF-0252-001-PPP	Propaquizafop	0,01	RF-0356-001-PPP
Iprovalicarb	0,01	RF-0256-001-PPP	Propham	0,01	RF-0867-001-PPP
Isoproturon	0,01	RF-0257-001-PPP	Propiconazole	0,01	RF-0358-001-PPP
Isoxaben	0,01	RF-0258-001-PPP	Proquinazid	0,01	RF-0365-001-PPP
Lenacil	0,01	RF-0262-001-PPP	Prosulfocarb	0,01	RF-0366-001-PPP
Linuron	0,01	RF-0264-001-PPP	Prosulfuron	0,01	RF-0367-001-PPP
Lufenuron	0,02	RF-0265-001-PPP	Pymetrozine	0,01	RF-0369-001-PPP
Mandipropamid	0,01	RF-0268-001-PPP	Pyraflufen-ethyl	0,01	RF-0371-001-PPP
Metalaxyl	0,01	RF-0281-001-PPP	Pyridaphenthion	0,01	RF-0877-001-PPP
Metamitron	0,01	RF-0284-001-PPP	Pyrifenoxy	0,01	RF-0878-001-PPP
Metconazole	0,01	RF-0286-001-PPP	Pyrimethanil	0,01	RF-0377-001-PPP
Methabenzthiazuron	0,01	RF-0287-001-PPP	Quinclorac	0,01	RF-0885-001-PPP
Methamidophos	0,01	RF-0289-001-PPP	Quizalofop-Ethyl	0,01	RF-0887-001-PPP
Methiocarb	0,01	RF-0291-001-PPP	Rotenone	0,01	RF-0387-001-PPP
Methomyl and Thiodicarb	0,01	RF-0293-001-PPP	Spinosad	0,01	RF-0393-001-PPP
Methoxyfenozide	0,01	RF-0296-001-PPP	Spiroxamine	0,01	RF-0397-001-PPP
Metobromuron	0,01	RF-0791-001-PPP	Sulfosulfuron	0,01	RF-0399-001-PPP
Metolachlor	0,01	RF-0292-002-PPP	Tebuconazole	0,01	RF-0403-001-PPP
Metoxuron	0,01	RF-0794-001-PPP	Tebufenozide	0,01	RF-0404-001-PPP
Metsulfuron-methyl	0,01	RF-0301-001-PPP	Tebufenpyrad	0,01	RF-0405-001-PPP
Molinate	0,01	RF-0304-001-PPP	Tepraloxymid	0,01	RF-0411-001-PPP
Monocrotophos	0,01	RF-0305-001-PPP	Tetraconazole	0,01	RF-0414-001-PPP
Monolinuron	0,02	RF-0306-001-PPP	Thiabendazole	0,01	RF-0416-001-PPP
Napropamide	0,01	RF-0309-001-PPP	Thiacloprid	0,01	RF-0417-001-PPP
Nicosulfuron	0,01	RF-0310-001-PPP	Thiametoxam	0,02	RF-0418-002-PPP
Nitenpyram	0,01	RF-0810-001-PPP	Thifensulfuron-methyl	0,01	RF-0419-001-PPP
Novaluron	0,01	RF-0313-001-PPP	Thiophanate-methyl	0,05	RF-0422-001-PPP
Omethoate	0,003	RF-0139-002-PPP	Triadimefon	0,01	RF-0428-001-PPP
Oxadixyl	0,02	RF-0319-001-PPP	Triasulfuron	0,01	RF-0431-001-PPP
Oxamyl	0,01	RF-0320-001-PPP	Trichlorfon	0,01	RF-0435-001-PPP
Oxydemeton-methyl	0,006	RF-0323-001-PPP	Tricyclazole	0,01	RF-0437-001-PPP
Paclobutrazol	0,01	RF-0325-001-PPP	Tridemorph	0,01	RF-0438-001-PPP
Pencycuron	0,01	RF-0330-001-PPP	Trietazine	0,01	RF-0959-001-PPP
Pethoxamid	0,01	RF-0333-001-PPP	Triforine	0,01	RF-0444-001-PPP
Phenmedipham	0,01	RF-0334-001-PPP	Trinexapac-Ethyl	0,01	RF-0963-001-PPP
Phenthoate	0,01	RF-0846-001-PPP	Triticonazole	0,01	RF-0447-001-PPP
Phosphamidon	0,01	RF-0339-001-PPP	Vamidotion	0,01	RF-0969-001-PPP
Picolinafen	0,01	RF-0344-001-PPP	Zoxamide	0,01	RF-0452-001-PPP
Picoxystrobin	0,01	RF-0345-001-PPP			

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Coding LMS 2

Name	LOQ[mg/kg]	Code EFSA	Name	LOQ[mg/kg]	Code EFSA
2,4 DB	0,01	RF-0008-001-PPP	Hexaflumuron	0,01	RF-0738-001-PPP
2,4,5-T	0,01	RF-0009-001-PPP	MCPA	0,01	RF-0271-005-PPP
2,4-D	0,01	RF-0010-003-PPP	MCPB	0,01	RF-0271-002-PPP
4-CPA	0,01	RF-0460-001-PPP	Mecoprop	0,01	RF-0273-003-PPP
Clopyralid	0,2	RF-0100-001-PPP	Picloram	0,05	RF-0343-001-PPP
Dicamba	0,01	RF-0124-001-PPP	Prohexadione	0,2	RF-0352-001-PPP
Dichlorophen	0,01	RF-0607-001-PPP	Sulfentrazone	0,01	RF-0901-001-PPP
Dichlorprop, incl. Dichlorprop-p	0,01	RF-0126-001-PPP	Teflubenzuron	0,01	RF-0407-001-PPP
Dithianon	0,25	RF-0150-001-PPP	Triflumuron	0,01	RF-0441-001-PPP

Coding LMS5

Name	LOQ[mg/kg]	Code EFSA	Name	LOQ[mg/kg]	Code EFSA
Acetamiprid	0,01	RF-0014-001-PPP	Mepronil	0,01	RF-0780-001-PPP
Azoxystrobin	0,01	RF-0035-001-PPP	Metalaxyl	0,01	RF-0281-002-PPP
Boscalid	0,01	RF-0049-001-PPP	Methiocarb	0,01	RF-0291-002-PPP
Carbendazim	0,01	RF-0041-002-PPP	Methiocarb- Sulfon	0,01	RF-0291-004-PPP
Carbetamide	0,01	RF-0064-001-PPP	Methiocarb- Sulfoxid	0,01	RF-0291-003-PPP
Chlorbromuron	0,01	RF-0544-001-PPP	Methomyl	0,01	RF-0293-003-PPP
Cyproconazole	0,01	RF-0113-001-PPP	Metobromuron	0,01	RF-0791-001-PPP
Cyprodinil	0,01	RF-0114-001-PPP	Myclobutanil	0,01	RF-0308-001-PPP
Diazinon	0,01	RF-0123-001-PPP	Omethoate	0,01	RF-0139-002-PPP
Difenoconazole	0,01	RF-0133-001-PPP	Oxamyl	0,01	RF-0320-001-PPP
Dimethoate	0,01	RF-0139-003-PPP	Propamocarb	0,01	RF-0354-001-PPP
Dimethomorph	0,01	RF-0140-001-PPP	Prosulfocarb	0,01	RF-0366-001-PPP
Famoxadone	0,01	RF-0171-001-PPP	Pymetrozine	0,01	RF-0369-001-PPP
Formetanate	0,01	RF-0223-001-PPP	Spinosad	0,01	RF-0393-001-PPP
Fuberidazole	0,01	RF-0227-001-PPP	Tebuconazole	0,01	RF-0403-001-PPP
Imazalil	0,01	RF-0246-001-PPP	Thiabendazole	0,01	RF-0416-001-PPP
Imidacloprid	0,01	RF-0250-001-PPP	Thiodicarb	0,01	RF-0293-002-PPP
Linuron	0,01	RF-0264-001-PPP	Thiophanate- methyl	0,01	RF-0422-001-PPP

Others coding

Name	LOQ[mg/kg]	Code EFSA	Name	LOQ[mg/kg]	Code EFSA
Chlormequat	0,01	RF-0081-001-PPP	Ethephon	0,01	RF-0160-001-PPP
Mepiquat	0,01	RF-0275-001-PPP	Amitraz (<i>non accredited</i>)	0,02	RF-0024-001-PPP
Captan	0,01	RF-0061-001-PPP	Nicotine (<i>non accredited</i>)	0,01	RF-0809-001-PPP
Folpet	0,02	RF-0221-001-PPP	Dithiocarbamates	0,05	RF-0151-001-PPP

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Coding LNS

Pesticide	LOQ [mg/kg]	Accreditation	Pesticide	LOQ [mg/kg]	Accreditation
Acrinathrin	0.05	No			
Azinphos-methyl	0.05	No	Imazalil	0.10	No
Azoxystrobin	0.05	Yes	Indoxacarb	0.05	Yes
Bifenthrin	0.05	Yes	Iprodion	0.05	Yes
Bitertanol	0.05	No	Iprovalicarb	0.05	Yes
Boscalid	0.05	No	Kresoxim-methyl	0.05	Yes
Bromopropylate	0.05	Yes	Malathion	0.05	Yes
Bromuconazole	0.05	No	Mecarbam	0.05	Yes
Bupirimate	0.05	No	Mepanipyrim	0.01	No
Buprofenzin	0.05	No	Metalaxyl	0.05	Yes
Cadusafos	0.01	No	Methidathion	0.05	Yes
Captan	0.05	Yes	Monocrotophos	0.05	No
Carbaryl	0.05	Yes	Myclobutanil	0.05	Yes
Carbofuran	0.02	No	Omethoate	0.05	No
Carbosulfan	0.05	No	Oxadixyl	0.01	Yes
Chlorfenapyr	0.05	No	Paclobutrazol	0.05	No
Chlorfenvinphos	0.02	Yes	Parathion	0.05	Yes
Chlorothalonil	0.01	Yes	Parathion-methyl	0.02	Yes
Chlorpropham	0.05	Yes	Paraoxon-methyl	0.02	Yes
Chlorpyrifos	0.05	Yes	Penconazole	0.05	Yes
Chlorpyrifos-methyl	0.05	Yes	Pendimethalin	0.05	No
lamda-Cyhalothrin	0.02	No	Permethrin	0.05	Yes
Cyfluthrin	0.05	No	Phenthoate	0.01	No
Cypermethrin	0.10	No	o-Phenylphenol (additif)	0.05	Yes
Cyproconazole	0.05	No	Phorat	0.05	Yes
Cyprodinil	0.05	Yes	Phosalone	0.05	Yes
p,p'-DDE	0.01	No	Phosmet	0.05	No
Deltamethrin	0.05	Yes	Pirimicarb incl.	0.05	No
Diazinon	0.01	Yes	Pirimicarb-desmethyl		No
Dichlofluanid	0.05	Yes	Pirimiphos-methyl	0.05	Yes
Dichlorvos	0.01	Yes	Procymidon	0.02	Yes
Dicloran	0.01	No	Profenofos	0.05	Yes
Dicofol	0.05	Yes	Propargite	0.01	Yes
Difenconazole	0.05	No	Propiconazole	0.05	Yes
Dimethoat	0.01	Yes	Propyzamid	0.02	Yes
Dimethomorph	0.05	No	Pyrazophos	0.05	No
Diphenylamine	0.05	Yes	Pyridaben	0.05	No
Endosulfan-sulfat	0.05	Yes	Pyrimethanil	0.05	Yes
Ethion	0.01	No	Pyriproxyfen	0.05	Yes
Ethoprophos	0.02	No	Quinoxifen	0.02	Yes
Fenamiphos	0.02	No	Quintozene	0.02	Yes
Fenarimol	0.10	Yes	Tebuconazole	0.05	Yes
Fenazaquin	0.01	No	Tebufenpyrad	0.05	No
Fenbuconazole	0.05	No	Tecnazene	0.05	No
Fenhexamid	0.05	Yes	Tefluthrin	0.01	No
Fenitrothion	0.05	No	Tetraconazole	0.02	No
Fenoxycarb	0.05	No	Tetradifon	0.02	Yes
Fenpropathrine	0.01	No	Thiabendazole	0.10	No
Fenpropimorph	0.05	No	Tolclofos-methyl	0.05	Yes
Fenthion	0.05	No	Tolyfluanid	0.05	Yes
Fenvalerate/Esfenfaleate	0.02 je	No	Triadimefon	0.02	Yes
Fludioxonil	0.05	Yes	Triadimenol	0.02	Yes
Folpet	0.02	Yes	Triazophos	0.01	Yes
Fosthiazate	0.05	No	Trifloxystrobin	0.02	No
Flusilazole	0.02	Yes	Trifluralin	0.05	No
Fluquiconazole	0.05	No	Triticonazole	0.01	No
Hexaconazole	0.05	Yes	Vinclozolin	0.05	Yes

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