



## National Pesticide Residue Control Plan

(according to article 30.2 of regulation. EC 396/2005)

**Country: LUXEMBOURG**

**Year: 2015**

**Part 1: Infrastructure of services involved in the implementation of the pesticide residue control plan**

The Ministry of Health is the competent authority for the control of pesticide residues in food of both plant and animal origin. Within this ministry, the Food safety service (Secualim) of the Directorate for public health is the executive, competent authority responsible for the control of pesticide residues in food of plant origin, including cereals and baby food. Secualim is also responsible for transferring notifications to the Rapid Alert System for food and feed (RASFF) via the national contact point (OSQCA) for these same categories of food.

As regards the control of pesticide residues in food of animal origin, the veterinary services (ASV) are the executive competent authorities. The various roles of these two authorities for the control of pesticide residues in food, both operating under the Ministry of Health, are illustrated in **table 1**.

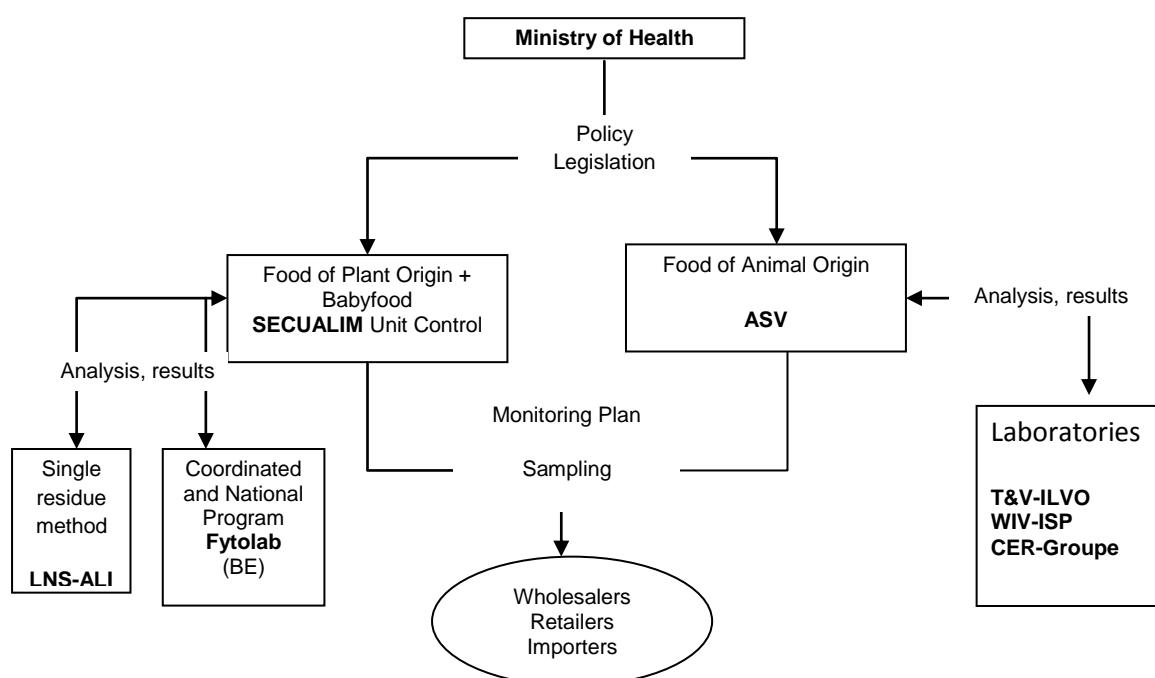
*Table 1. Various roles of the Secualim and ASV departments for the control of pesticide residues in food.*

| Role                            | Organisation name                 | Organisation address                             | Products   |
|---------------------------------|-----------------------------------|--|--|
| Official Reporting Organisation | Food Safety Service               | 3 rue des Primeurs<br>L-2361 Strassen            | Fruits, vegetables,<br>cereals, baby food<br>(including organic<br>products) |
| Residue programme design        |                                   |  |  |
| Sample Collection               |                                   |  |  |
| Enforcement agency              |                                   |  |  |
| Official Reporting Organisation | Veterinary Service Administration | 211 route d'Esch<br>L-1040 Luxembourg            | Animal Products  |
| Residue programme design        |                                   |  |  |
| Sample Collection               |                                   |  |  |
| Enforcement agency              |                                   |  |  |
| Laboratory services             | FYTOLAB                           | Technologiepark 2-3<br>B-9052 Zwijnaarde<br>GENT | Fruits, vegetables,<br>cereals, baby food                                    |

|   |                                       |            |                                    |
|---|---------------------------------------|------------|------------------------------------|
| Service de la sécurité alimentaire              | 3 rue des Primeurs<br>L-2361 Strassen |            | (352) 2477 5620<br>(352) 2479 5655 |
| Plan pluri annuel intégré partiel<br>Pesticides | DZ/FC/PH                              | Luxembourg | Page 1/27                          |

|                     |                                     |   |                    |
|---------------------|-------------------------------------|---|--------------------|
| Laboratory services | Laboratoire National de Santé (LNS) | 1, Rue Louis Rech<br>L-3555 Dudelange       | Fruits, vegetables |
| Laboratory services | T&V-ILVO                            | Brusselsesteenweg<br>370,<br>B-9090 MELLE   | Animal Products    |
| Laboratory services | WIV-ISP                             | Rue J. Wytsmanstraat,<br>14 B-1050 Brussels | Animal Products    |
| Laboratory services | CER-Groupe                          | Rue du Point du Jour,<br>8 B-6900 Marloie   | Animal Products    |

The collected samples are sent to the appropriate laboratories: the samples from food of animal origin are analysed by the laboratory for the products of animal origin (CER). For products of plant origin, samples collected are sent to Fytolab, laboratory for pesticide and residue analysis; samples analysed with single residue method are sent to the food laboratory of the national health laboratory (LNS-ALI). The role and implementation of the various services during the sample collection process at wholesalers, retailers and during import is represented in **figure 1** below.



**Figure 1.** Role of the various departments involved in the control plan.

**Secualim:** Food safety service of the Directorate for public health

**ASV:** administration of Veterinary service

**LNS-ALI:** Food laboratory of the National health laboratory

**CER:** Centre d'économie rurale, laboratory for the products of animal origin

|   |                                       |                                    |
|---|---------------------------------------|------------------------------------|
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**Part 2: Design of monitoring plan**

**Food of plant origin, cereals, baby food**

The Food safety service (Secualim) is responsible for drafting the sampling plan and for the control of presence of pesticide residues in fruits, vegetables, cereals, baby food and other plant products.

The control programme includes two different programs:

- The Coordinated community control programme based on the Commission Regulation EC 788/2012 of 31<sup>st</sup> August 2012 concerning a coordinated multiannual control programme.
- The national programme based on a risk assessment where several factors were taken into account: results from previous checks, data from the RASFF (rapid alert system for food and feed) over the last 3 years, toxicological data of residues, national production and available consumption figures.

The EU coordinated programme is the main part of the control programme. In 2014, samples included apples, head cabbage, leek, lettuce, tomatoes, peaches, rye / oats, strawberries, wine, cow milk, swine meat and baby food (Regulation EC 788/2012).

For the national programme, samples collected included fruits (melons, apricots), citrus fruits, exotic fruits, vegetables (celery, Chinese cabbage, scarole, witloof, cultivated fungi) as well as fresh herbs (parsley, thyme, celery leaves, basil).

For both parts of the programme, the national production was taken into account, as well as food originating from other EEA countries and from third countries. Furthermore, where available, samples were taken from products originating from organic farming that reflect the market share of organic products. Sampling was done mainly at wholesalers but also on retail level and during import. The choice of the matrices is based largely on fresh products to conduct the controls at the origin of the food chain and avoid the need of having to use a processing factor.

As far as the use pattern of pesticides and the toxicity of the active substances are concerned, Luxembourg focuses mainly on the laboratory responsible for controlling the samples for the choice of pesticides to be screened for as regards to a specific matrix (in function of their toxicity).

|   |                                       |            |                                    |
|---|---------------------------------------|------------|------------------------------------|
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**Food of animal origin:**

The annual control programme for food of animal origin is drafted by the administration of the Veterinary services (ASV) in compliance with directive (EC) N° 96/23 and decision (EC) N°97/747. The number of samples per matrix to be analysed is defined by these regulations.

All results were transmitted to DG SANCO unit 5 through a special database application available online “Residues – Monitoring plan and result”.

**Part 3: History**

All results for control campaigns of pesticides residues can be checked on the following website:

[http://www.securite-alimentaire.public.lu/organisme/pcnp/sc/cs9\\_prod\\_phyto/index.html](http://www.securite-alimentaire.public.lu/organisme/pcnp/sc/cs9_prod_phyto/index.html)

**Part 4: Multiannual national control programme for pesticides residues 2011-2013**

The updated multiannual national control programme for pesticides residues for Luxembourg can be viewed on the following website:

[http://www.securite-alimentaire.public.lu/organisme/pcnp/sc/cs9\\_prod\\_phyto/ppp\\_residus\\_pesticides/index.html](http://www.securite-alimentaire.public.lu/organisme/pcnp/sc/cs9_prod_phyto/ppp_residus_pesticides/index.html)

|   |                                       |            |                                    |
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**Details**

|   | 2014                             |  | 2015             |  | 2016                   | 2017                     |
|---|----------------------------------|--|------------------|--|------------------------|--------------------------|
|   | Commodity<br>(Number of samples) | Code for pesticides  | Commodity        | Code for pesticides                            | Commodity              | Commodity                |
| Coordinated Community Program (Fytolab) | Beans with pod (15)              | LMS+GMS+LMS5+LMS2 +CL1B+CS2                                | Aubergines       | LMS+GMS+LMS5+LMS2 +CL1B+CS2+OSN+QU1            | Apples                 | Beans with pod           |
|   | carrots(15)                      | LMS+GMS+LMS5+LMS2 +CL1B+CS2+QU1                            | Bananas          | LMS+GMS+LMS5+LMS2 +CL1B+CS2                    | Head cabbage           | Carrots                  |
|   | cucumbers(15)                    | LMS+GMS+LMS5+LMS2 +CL1B+CS2                                | Broccoli         | LMS+GMS+LMS5+LMS2 +CL1B+CS2                    | Leek                   | Cucumbers                |
|   | oranges or mandarins(15)         | LMS+GMS+LMS5+LMS2 +CL1B+CS2+Ethephon+ OSN                  | Table grapes     | LMS+GMS+LMS5+LMS2 +CL1B+CS2+OSN+ Ethephon+QU1  | Lettuce                | Oranges                  |
|   | pears(15)                        | LMS+GMS+LMS5+LMS2 +CL1B+CS2+AMI+OSN+ QU1                   | Orange juice     | LMS+GMS+LMS5+LMS2 +CL1B+CS2+ Ethephon          | Tomatoes               | Mandarins                |
|   | potatoes(15)                     | LMS+GMS+LMS5+LMS2 +CL1B+CS2                                | Peas without pod | LMS+GMS+LMS5+LMS2 +CL1B+CS2                    | Peaches                | Pears                    |
|   | spinach(15)                      | LMS+GMS+LMS5+LMS2 +CL1B+CS2                                | Peppers(sweet)   | LMS+GMS+LMS5+LMS2 +CL1B+CS2+ Ethephon+ BR+OSN  | Rye or oats            | Potatoes                 |
|   | rice(15)                         | LMS+GMS+LMS5+LMS2 +CL1B+CS2 + bromide ion + QU1 + ethephon | Virgin olive oil | LMS+GMS+LMS5+LMS2 +CL1B+CS2                    | Strawberries           | Rice                     |
|   | Wheat Flour (15)                 | LMS+GMS+LMS5+LMS2 +CL1B+CS2+Ethephon                       | Wheat            | LMS+GMS+LMS5+LMS2 +CL1B+CS2+Ethephon+ GLY1+Qu1 | Wine                   | Spinach                  |
|   | Baby food (10)                   | LMS+GMS+LMS5+LMS2 +CL1B                                    | Baby Food        | LMS+GMS+LMS5+LMS2 +CL1B+CS2+GLY1+OSN +QU1      | Baby Food              | Baby Food                |
|   | Poultry meat                     |  | Butter           |  | Cows milk              | Poultry (muscle and fat) |
|   | Liver                            |  | Chicken eggs     |  | Swine (muscle and fat) | Liver                    |

|                                | 2014                             |                                 | 2015               |   | 2016                     | 2017               |
|--------------------------------|----------------------------------|---------------------------------|--------------------|---|--------------------------|--------------------|
|                                | Commodity<br>(Number of samples) | Code for pesticides             | Commodity          | Code for pesticides                       | Commodity                | Commodity          |
| National Program (Fytolab/LNS) | Wine grapes (10)                 | LMS+GMS+LMS5+LMS2 +CS2+Ethephon | Wine grapes        | LMS+GMS+LMS5+LMS2 +CL1B+CS2+Ethephon+ QU1 | Wine                     | Wine grapes        |
|                                | Vegetables from LU (18)          | LMS+GMS                         | Vegetables from LU | LMS+GMS                                   | Vegetables from LU       | Vegetables from LU |
|                                | Fruits from LU (4)               | LMS+GMS                         | Potatoes           | LMS+GMS+QU1+Ethephon                      | Fruits from LU           | Fruits from LU     |
|                                | Herbal tea (15)                  | LMS+GMS                         | Fruits from LU     | LMS+GMS                                   | Celery / Turnip          | Apricots           |
|                                | Oil from LU (15)                 | GMSS                            | Cereal flour       | LMS+GMS+LMS5+LMS2 +CL1B+CS2+GLY1+QU1      | Currants (dried berries) | Plums              |
|                                |                                  |                                 |                    |   | Mixed berries            |                    |
|                                |                                  |                                 |                    |   | Exotic fruits            | Dried seeds        |
| Import                         |                                  |                                 |                    |   |                          | Tea                |
|                                | Fruits                           | LMS+GMS                         | Fruits             | LMS+GMS                                   | Fruits                   | Fruits             |
|                                | Vegetables                       | LMS+GMS                         | Vegetables         | LMS+GMS                                   | Vegetables               | Vegetables         |
|                                | Herbal tea                       | LMS+GMS                         | Herbal tea         | LMS+GMS                                   | herbal tea               | Herbal tea         |

**GMS:** Gas chromatography with tandem mass spectrometry detector, code EFSA, F049A

**GMS4:** Gas chromatography with tandem mass spectrometry detector Code EFSA, F049A

**LMS:** Liquid Chromatography Tandem Mass Spectrometry, code EFSA, F027A

**LMS2:** Liquid Chromatography Tandem Mass Spectrometry, code EFSA, F027A

**LMS5:** Liquid Chromatography Tandem Mass Spectrometry, code EFSA, F027A

**LNS:** GC-MS and/or LC-MS/MS following acetonitril extraction/partitioning and clean-up by dispersive SPE - QuEChERS-method. EN 15662

#### Part 5 Quality system

| Country code | Laboratory Name  | Laboratory Code | Accreditation Date     | Accreditation Body | Participation in proficiency tests or interlaboratory tests |
|--------------|--|-----------------|------------------------|--------------------|---|
|              |  |                 |                        |                    |   |
| BE           | Centre d'économie rurale - BE  | CER             | 073-TEST<br>13/06/2012 | BELAC - Belgium    | PT A07 (EU-RL pesticides); PT Fapas 0581                    |
| BE           | Fytolab - BE   | FYTOLAB         | 057-TEST               | BELAC - Belgium    | EUPT FV-15 ; EUPT-SRM8                                      |
|              |  |                 | 09.06.2009 (V4)        |                    |   |
|              |  |                 | 26.4.2011 (v7)         |                    |   |
|              |  |                 | 21.06.2011 (v8)        |                    |   |
| LU           | Laboratoire National de Santé, Laboratoire de contrôle alimentaire- LU | LNS-ALI         | 1/002                  | OLAS – Luxembourg  | EUPT CF7 ; EUPT-FV15 et EUPT-SRM8                           |
|              |  |                 | 27.05.2008             |                    |   |

#### Part 6: Actions in response to non-compliant results

In case of a non-compliant sample, an assessment of the risk to the consumer is performed and the appropriate measures are taken, such as product recall and RASFF notification, to enable the authority to perform its tasks of monitoring the health and nutritional risks of foods as effectively as possible. The ASTA (Technical services of agricultural sector responsible for primary production) is informed of all non-compliant results on national production.

|   |                                       |            |                                    |
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**Part 7: Scope of Analytical methods**

**7.1. Methods for a limited set of pesticide residues**

Colour code indicates status of accreditation. Detection limit in mg/kg.

|            |                |
|------------|----------------|
| accredited | non-accredited |
|------------|----------------|

| Method   | pesticides detected  | Detection limit<br>(mg/kg) | Code            |
|----------|--|----------------------------|-----------------|
| Amitraze | Amitraze   | 0,01                       | RF-0024-002-PPP |
|          | Amitraz (amitraz including the metabolites containing the 2,4 - dimethylaniline moiety expressed as amitraz) | 0,01                       | RF-0024-001-PPP |
|          | Dimethylphenylformamide, 2,4-  | 0,01                       | RF-0024-003-PPP |
|          | Dimethylphenyl-N-methylformamidine, N-2,4-   | 0,01                       | RF-0024-004-PPP |
| BR       | Bromide ion  | 5                          | RF-0050-001-PPP |
| CL1B     | Captan   | 0,01                       | RF-0061-001-PPP |
|          | Folpet   | 0,02                       | RF-0221-001-PPP |
| CS2      | Dithiocarbamates   | 0,05                       | RF-0151-001-PPP |
| DTC      | Dithiocarbamates   | 0,01                       | RF-0151-001-PPP |
| Ethepron | Ethepron   | 0,01                       | RF-0160-001-PPP |
| Gly1     | AMPA   | 0,05                       | RF-0471-001-PPP |
|          | Glufosinate-ammonium (sum of glufosinate, its salts, MPP and NAG expressed as glufosinate equivalents)       | 0,05                       | RF-0232-001-PPP |
|          | Glyphosate   | 0,05                       | RF-1020-001-PPP |
| Nicotine | Nicotine   | 0,01                       | RF-0809-001-PPP |
| OSN      | Azocyclotin and cyhexatin  | 0,01                       | RF-0034-001-PPP |
|          | Fenbutatin oxide   | 0,01                       | RF-0177-001-PPP |
|          | Fentin   | 0,003                      | RF-0687-001-PPP |
|          | Tributyltinoxide   | 0,01                       | RF-0954-001-PPP |
| QAC      | BAC 10   | 0,01                       | RF-1078-003-PPP |
|          | BAC 12   | 0,01                       | RF-1078-004-PPP |
|          | BAC 14   | 0,01                       | RF-1078-005-PPP |
|          | BAC 16   | 0,01                       | RF-1078-006-PPP |
|          | DDAC   | 0,01                       | RF-1078-002-PPP |
| QU1      | Chlormequat  | 0,01                       | RF-0081-001-PPP |
|          | Mepiquat   | 0,01                       | RF-0275-001-PPP |

## 7.2. GMS, GMS4, GMS5, LMS, LMS2, LMS3, LMS5, LNS

Colour code indicates status of accreditation. Detection limit in mg/kg.

|            |                |
|------------|----------------|
| accredited | non-accredited |
|------------|----------------|

| Description  | GMS  | GMS4 | GMS5 | LMS  | LMS2 | LMS3 | LMS5 | LNS  | CODE            |
|--|------|------|------|------|------|------|------|------|-----------------|
| 1,2-Dibromo-3-chloropropane  | 0,1  | 0,1  |      |      |      |      |      |      | RF-1052-001-PPP |
| 1-naphthylacetamide  |      |      |      | 0,01 |      |      |      |      | RF-0006-001-PPP |
| 2,4-DB   |      |      |      |      | 0,01 |      |      |      | RF-0008-001-PPP |
| 2,4,5-T  |      |      |      |      | 0,01 |      |      |      | RF-0009-001-PPP |
| 2,4-D  |      |      |      |      | 0,01 |      |      | 0,1  | RF-0010-003-PPP |
| 4-CPA  |      |      |      |      | 0,01 |      |      |      | RF-0460-001-PPP |
| 6-Benzyladenin   |      |      |      | 0,01 |      |      |      |      | RF-1062-001-PPP |
| Abamectin (sum of Avermectin B1a, AvermectinB1b and delta-8,9 isomer of Avermectin B1a)                                |      |      |      |      |      |      | 0,01 |      | RF-0011-001-PPP |
| Acephate   |      |      |      | 0,01 |      |      |      | 0,05 | RF-0012-001-PPP |
| Acequinocyl  |      |      |      |      |      |      |      |      | RF-0013-001-PPP |
| Acetamiprid  |      |      |      | 0,01 |      |      | 0,01 | 0,01 | RF-0014-001-PPP |
| Acetochlor   | 0,01 | 0,01 |      |      |      |      |      |      | RF-0015-001-PPP |
| Acibenzolar acid (CGA 210007)  |      |      |      | 0,05 |      |      |      |      | RF-0016-003-PPP |
| Acibenzolar-S-methyl (sum of acybenzolar-S-methyl and acibenzolar acid (CGA 210007) expressed as acybenzolar-S-methyl) |      |      |      |      | 0,01 |      |      |      | RF-0016-001-PPP |
| Aclonifen  | 0,01 | 0,01 | 0,1  |      |      |      |      |      | RF-0017-001-PPP |
| Acrinathrin  | 0,01 | 0,01 | 0,01 |      |      |      |      | 0,05 | RF-0018-001-PPP |
| Acybenzolar-S-methyl   |      |      |      | 0,01 |      |      |      |      | RF-0016-002-PPP |
| Alachlor   | 0,01 | 0,01 | 0,01 |      |      |      |      |      | RF-0019-001-PPP |
| Alanycarb  |      |      |      |      |      |      |      |      | RF-0462-001-PPP |
| Aldicarb   |      |      |      | 0,01 |      |      |      | 0,01 | RF-0020-002-PPP |
| Aldicarb (sum of Aldicarb, its sulfoxide and its sulfone, expressed as Aldicarb)                                       |      |      |      | 0,01 |      |      |      |      | RF-0020-001-PPP |
| Aldicarb-Sulfone   |      |      |      | 0,01 |      |      |      | 0,05 | RF-0020-004-PPP |
| Aldicarb-Sulfoxide   |      |      |      | 0,01 |      |      |      | 0,05 | RF-0020-003-PPP |

| Description  | GMS  | GMS4 | GMS5 | LMS  | LMS2 | LMS3 | LMS5 | LNS  | CODE            |
|--|------|------|------|------|------|------|------|------|-----------------|
| Aldrin   | 0,01 |      |      |      |      |      |      |      | RF-0021-002-PPP |
| Aldrin and Dieldrin (Aldrin and dieldrin combined expressed as dieldrin)   | 0,01 | 0,01 | 0,01 |      |      |      |      |      | RF-0021-001-PPP |
| Allethrin  |      |      |      | 0,01 |      |      |      |      | RF-0464-001-PPP |
| Ametoctradin   |      |      |      |      |      |      | 0,01 |      | RF-1055-001-PPP |
| Ametryn  |      |      |      | 0,01 |      |      |      |      | RF-0467-001-PPP |
| Amidosulfuron  |      |      |      | 0,01 |      |      |      |      | RF-0022-001-PPP |
| Amisulbrom   |      |      |      | 0,01 |      |      |      |      | RF-0470-001-PPP |
| Anthraquinone  | 0,01 |      |      |      |      |      |      |      | RF-0475-001-PPP |
| Atrazine   |      |      |      | 0,01 |      |      |      | 0,01 | RF-0029-001-PPP |
| Azaconazole  |      |      |      | 0,01 |      |      |      |      | RF-0482-001-PPP |
| Azadirachtin   |      |      |      | 0,01 |      |      |      |      | RF-0030-001-PPP |
| Azamethiphos   |      |      |      | 0,01 |      |      |      |      | RF-0484-001-PPP |
| Azimsulfuron   |      |      |      | 0,01 |      |      |      |      | RF-0031-001-PPP |
| Azinphos-ethyl   |      |      |      | 0,01 |      |      |      |      | RF-0032-001-PPP |
| Azinphos-methyl  |      |      |      | 0,01 |      |      |      | 0,05 | RF-0033-001-PPP |
| Azoxystrobin   |      |      |      | 0,01 |      |      | 0,01 | 0,05 | RF-0035-001-PPP |
| Beflubutamid   |      |      |      | 0,01 |      |      |      |      | RF-0037-001-PPP |
| Benalaxyloxyfentiazole including other mixtures of constituent isomers including benalaxyloxyfentiazole-M (sum of isomers)                 | 0,01 | 0,01 | 0,01 |      |      |      |      |      | RF-0038-001-PPP |
| Bendiocarb   |      |      |      | 0,01 |      |      |      |      | RF-0489-001-PPP |
| Benfluralin  | 0,01 | 0,01 | 0,01 |      |      |      |      |      | RF-0039-001-PPP |
| Bensulfuron-Methyl   |      |      |      | 0,01 |      |      |      |      | RF-0494-001-PPP |
| Bentazone  |      |      |      |      | 0,01 |      |      |      | RF-0042-002-PPP |
| Benthiavalicarb (Benthiavalicarb-isopropyl (KIF-230 R-L) and its enantiomer (KIF-230 S-D) and diastereomers (KIF-230 R-L and KIF-230 S-D)) |      |      |      | 0,01 |      |      |      |      | RF-0043-001-PPP |
| Benzoylprop-Ethyl  | 0,01 | 0,01 |      |      |      |      |      |      | RF-0502-001-PPP |
| Bifenazate   | 0,01 | 0,05 | 0,1  |      |      |      |      |      | RF-0044-001-PPP |
| Bifenoxy   | 0,01 | 0,01 | 0,01 |      |      |      |      |      | RF-0045-001-PPP |
| Bifenthrin   | 0,01 | 0,01 | 0,01 |      |      |      |      | 0,05 | RF-0046-001-PPP |
| Biphenyl   | 0,1  | 0,1  | 0,1  |      |      |      |      |      | RF-0506-001-PPP |
| Bispyribac   |      |      |      | 0,01 |      |      |      |      | RF-0507-001-PPP |







| Description   | GMS  | GMS4 | GMS5 | LMS  | LMS2 | LMS3 | LMS5 | LNS  | CODE            |
|---|------|------|------|------|------|------|------|------|-----------------|
| DDE, p,p-   | 0,01 |      |      |      |      |      |      | 0,01 | RF-0119-002-PPP |
| DDT (sum of p,p'-DDT, o,p'-DDT, p-p'-DDE and p,p'-TDE (DDD) expressed as DDT) | 0,01 | 0,01 | 0,01 |      |      |      |      |      | RF-0119-001-PPP |
| DDT, o,p-   | 0,01 |      |      |      |      |      |      |      | RF-0119-003-PPP |
| DDT, p,p-   | 0,01 |      |      |      |      |      |      |      | RF-0119-006-PPP |
| Deltamethrin (cis-deltamethrin)   | 0,01 | 0,01 | 0,01 |      |      |      |      | 0,1  | RF-0120-001-PPP |
| Demeton-S-Methyl  |      |      |      | 0,01 |      |      |      |      | RF-0594-002-PPP |
| Demeton-S-Methylsulfone   |      |      |      | 0,01 |      |      |      | 0,02 | RF-0323-003-PPP |
| Desmethyl Pirimicarb  |      |      |      | 0,01 |      |      |      |      | RF-0347-003-PPP |
| Desmetryn   | 0,01 | 0,01 |      |      |      |      |      |      | RF-0595-001-PPP |
| Diafenthiuron   |      |      |      |      |      | 0,01 |      |      | RF-0596-001-PPP |
| Diazinon  | 0,01 | 0,01 |      |      |      |      |      | 0,05 | RF-0123-001-PPP |
| Dicamba   |      |      |      | 0,01 |      |      |      |      | RF-0124-001-PPP |
| Dichlobenil   | 0,01 | 0,01 |      |      |      |      |      |      | RF-0125-001-PPP |
| Dichlofenthion  | 0,01 | 0,01 | 0,01 |      |      |      |      |      | RF-0599-001-PPP |
| Dichlofluanid   | 0,01 |      | 0,05 |      |      |      |      | 0,02 | RF-0453-001-PPP |
| Dichlormid  | 0,01 | 0,01 |      |      |      |      |      |      | RF-0601-001-PPP |
| Dichlorophen  |      |      |      | 0,01 |      |      |      |      | RF-0607-001-PPP |
| Dichlorprop, incl. Dichlorprop-p  |      |      |      | 0,01 |      |      |      | 0,02 | RF-0126-001-PPP |
| Dichlorvos  | 0,01 | 0,01 | 0,01 |      |      |      |      | 0,1  | RF-0127-001-PPP |
| Diclobutrazol   |      |      |      | 0,01 |      |      |      |      | RF-0610-001-PPP |
| Diclofop (sum Diclofop-methyl and Diclofop acid expressed as Diclofop-methyl) | 0,01 |      |      |      |      |      |      |      | RF-0128-001-PPP |
| Diclofop-Methyl   | 0,01 | 0,01 |      |      |      |      |      |      | RF-0128-003-PPP |
| Dicloran  | 0,01 | 0,01 | 0,01 |      |      |      |      | 0,01 | RF-0129-001-PPP |
| Dicofol (sum of p, p' and o,p' isomers)                                       | 0,01 | 0,01 | 0,01 |      |      |      |      |      | RF-0130-001-PPP |
| Dicofol o, p'   | 0,01 |      |      |      |      |      |      |      | RF-0130-003-PPP |
| Dicofol p, p'   | 0,01 |      |      |      |      |      |      |      | RF-0130-002-PPP |
| Dicrotophos   |      |      |      | 0,01 |      |      |      |      | RF-0612-001-PPP |
| Dieldrin  | 0,01 |      |      |      |      |      |      |      | RF-0021-003-PPP |
| Diethofencarb   |      |      |      | 0,01 |      |      |      |      | RF-0132-001-PPP |
| Diethyl-m-toluamid, N,N-  | 0,01 |      |      |      |      |      |      |      | RF-0616-001-PPP |
| Difenoconazole  |      |      |      | 0,01 |      |      | 0,01 | 0,05 | RF-0133-001-PPP |



| Description   | GMS  | GMS4 | GMS5 | LMS  | LMS2 | LMS3 | LMS5 | LNS  | CODE            |
|---|------|------|------|------|------|------|------|------|-----------------|
| Endosulfan, beta-   | 0,01 |      |      |      |      |      |      |      | RF-0155-003-PPP |
| Endosulfansulfate   | 0,01 |      |      |      |      |      |      | 0,05 | RF-0155-002-PPP |
| Endrin  | 0,01 | 0,01 | 0,05 |      |      |      |      |      | RF-0156-001-PPP |
| EPN   | 0,01 | 0,01 | 0,01 |      |      |      |      |      | RF-0654-001-PPP |
| Epoxiconazole   |      |      |      | 0,01 |      |      |      | 0,01 | RF-0157-001-PPP |
| EPTC (ethyl dipropylthiocarbamate)  | 0,01 | 0,01 |      |      |      |      |      |      | RF-0158-001-PPP |
| Esfenvalerate   | 0,01 |      |      |      |      |      |      |      | RF-0690-003-PPP |
| Ethalfluralin   | 0,01 | 0,01 |      |      |      |      |      |      | RF-0159-001-PPP |
| Ethametsulfuron-Methyl  |      |      |      | 0,01 |      |      |      |      | RF-0658-001-PPP |
| Ethiofencarb  |      |      |      | 0,01 |      |      |      |      | RF-0660-001-PPP |
| Ethiofencarb (sum)  |      |      |      | 0,01 |      |      |      |      | RF-0661-001-PPP |
| Ethiofencarb-Sulfon   |      |      |      | 0,01 |      |      |      |      | RF-0662-001-PPP |
| Ethiofencarb-Sulfoxid   |      |      |      | 0,01 |      |      |      |      | RF-0663-001-PPP |
| Ethion  | 0,01 | 0,01 | 0,01 |      |      |      |      | 0,05 | RF-0161-001-PPP |
| Ethirimol   |      |      |      | 0,01 |      |      |      |      | RF-0162-001-PPP |
| Ethofumesate (sum of ethofumesate and the metabolite 2,3-dihydro-3,3-dimethyl-2-oxo-benzofuran-5-yl methane sulphonate expressed as ethofumesate) | 0,01 | 0,01 | 0,01 |      |      |      |      |      | RF-0163-001-PPP |
| Ethofumesate  | 0,01 |      |      |      |      |      |      |      | RF-0163-002-PPP |
| Ethofumesate-2-keto   | 0,01 |      |      |      |      |      |      |      | RF-00000021-PAR |
| Ethoprophos   | 0,01 | 0,01 | 0,01 |      |      |      |      | 0,02 | RF-0164-001-PPP |
| Ethoxysulfuron  |      |      |      | 0,01 |      |      |      |      | RF-0166-001-PPP |
| Etofenprox  | 0,01 | 0,01 | 0,01 |      |      |      |      |      | RF-0168-001-PPP |
| Etoxazole   |      |      |      | 0,01 |      |      |      |      | RF-0169-001-PPP |
| Etridiazole   | 0,05 | 0,05 |      |      |      |      |      |      | RF-0170-001-PPP |
| Etrimfos  | 0,01 | 0,01 | 0,01 |      |      |      |      |      | RF-0668-001-PPP |
| Famoxadone  | 0,01 | 0,01 | 0,01 |      |      |      |      |      | RF-0171-001-PPP |
| Fenamidone  |      |      |      | 0,01 |      |      | 0,01 |      | RF-0172-001-PPP |
| Fenamiphos  |      |      |      | 0,01 |      |      |      | 0,01 | RF-0173-004-PPP |
| Fenamiphos (sum of fenamiphos and its sulphoxide and sulphone expressed as fenamiphos)  |      |      |      | 0,01 |      |      |      |      | RF-0173-001-PPP |
| Fenamiphos-Sulfon   |      |      |      | 0,01 |      |      |      | 0,02 | RF-0173-003-PPP |
| Fenamiphos-Sulfoxid   |      |      |      | 0,01 |      |      |      | 0,01 | RF-0173-002-PPP |



| Description   | GMS  | GMS4 | GMS5 | LMS  | LMS2 | LMS3 | LMS5 | LNS  | CODE            |
|---|------|------|------|------|------|------|------|------|-----------------|
| Fipronil-Sulfone  | 0,01 |      |      |      |      |      |      |      | RF-0192-002-PPP |
| Flazasulfuron   |      |      |      | 0,01 |      |      |      |      | RF-0193-001-PPP |
| Flonicamid (sum of flonicamid, TNFG and TNFA)   |      |      |      | 0,01 |      |      | 0,01 |      | RF-0194-001-PPP |
| Florasulam  |      |      |      | 0,01 |      |      |      |      | RF-0195-001-PPP |
| Forchlorfenuron   |      |      |      | 0,01 |      |      |      |      | RF-0196-001-PPP |
| Fluazifop-P   |      |      |      | 0,01 |      |      |      | 0,05 | RF-00000022-PAR |
| Fluazifop-Butyl   |      |      |      | 0,01 |      |      |      |      | RF-0699-001-PPP |
| Fluazifop-P-butyl (fluazifop acid (free and conjugate))   |      |      |      | 0,01 |      |      |      |      | RF-0197-001-PPP |
| Fluazinam   |      |      |      | 0,02 |      |      |      |      | RF-0198-001-PPP |
| Flubendiamide   |      |      |      | 0,01 |      |      |      |      | RF-0199-001-PPP |
| Flucythrinate (sum of isomers expressed as flucythrinate)   | 0,01 | 0,01 | 0,01 |      |      |      |      |      | RF-0201-002-PPP |
| Fludioxonil   | 0,01 | 0,01 | 0,01 |      |      |      |      | 0,05 | RF-0202-001-PPP |
| Flufenacet (sum of all compounds containing the N fluorophenyl-N-isopropyl moiety expressed as flufenacet equivalent) |      |      |      | 0,01 |      |      |      |      | RF-0203-001-PPP |
| Flufenoxuron  |      |      |      | 0,01 |      |      |      | 0,01 | RF-0204-001-PPP |
| Flumetralin   | 0,01 | 0,01 | 0,01 |      |      |      |      |      | RF-0706-001-PPP |
| Fluopicolide  |      |      |      | 0,01 |      |      |      |      | RF-0208-001-PPP |
| Fluopyram   |      |      |      | 0,01 |      |      |      |      | RF-1071-001-PPP |
| Fluoxastrobin   |      |      |      | 0,01 |      |      |      |      | RF-0211-001-PPP |
| Flupyralsulfuron-methyl   |      |      |      | 0,01 |      |      |      |      | RF-0212-001-PPP |
| Fluquinconazole   |      |      |      | 0,01 |      |      |      | 0,05 | RF-0213-001-PPP |
| Flurochloridone   |      |      |      | 0,01 |      |      |      |      | RF-0214-001-PPP |
| Fluroxypyrr   |      |      |      | 0,02 |      |      |      |      | RF-0215-003-PPP |
| Flurtamone  |      |      |      | 0,01 |      |      |      |      | RF-0217-001-PPP |
| Flusilazole   |      |      |      | 0,01 |      |      |      | 0,02 | RF-0218-001-PPP |
| Flutolanil  |      |      |      | 0,01 |      |      |      |      | RF-0219-001-PPP |
| Flutriafol  |      |      |      | 0,01 |      |      |      | 0,01 | RF-0220-001-PPP |
| Fluvalinate-Tau   | 0,01 | 0,01 | 0,01 |      |      |      |      |      | RF-00000124-VET |
| Fonofos   |      |      |      | 0,01 |      |      |      |      | RF-0724-001-PPP |
| Foramsulfuron   |      |      |      | 0,01 |      |      |      |      | RF-0222-001-PPP |
| Formetanate Sum of formetanate and its salts expressed as formetanate(hydrochloride)                                  |      |      |      |      |      |      | 0,01 | 0,01 | RF-0223-001-PPP |

| Description   | GMS  | GMS4  | GMS5 | LMS  | LMS2 | LMS3 | LMS5 | LNS  | CODE            |
|---|------|-------|------|------|------|------|------|------|-----------------|
| Formothion  | 0,01 | 0,01  | 0,01 |      |      |      |      |      | RF-0224-001-PPP |
| Fosthiazate   |      |       |      | 0,01 |      |      |      | 0,05 | RF-0226-001-PPP |
| Fuberidazole  |      |       |      | 0,01 |      |      |      |      | RF-0227-001-PPP |
| Furalaxyd   |      |       |      | 0,01 |      |      |      |      | RF-0727-001-PPP |
| Furathiocarb  |      |       |      | 0,01 |      |      |      |      | RF-0228-001-PPP |
| Haloxyfop   |      |       |      |      |      |      |      | 0,05 | RF-0235-004-PPP |
| Haloxyfop including haloxyfop-R (Haloxfop-R methyl ester, haloxyfop-R and conjugates of haloxyfop-R expressed as haloxyfop-R) |      |       |      | 0,01 |      |      |      |      | RF-0235-001-PPP |
| Haloxfop-Methyl   |      |       |      | 0,01 |      |      |      |      | RF-0235-002-PPP |
| Haloxfop-R and conjugates of haloxfop-R expressed as haloxfop-R   |      |       |      | 0,01 |      |      |      |      | RF-0235-005-PPP |
| Hexachlorocyclohexane (HCH), alpha-isomer   | 0,01 |       |      |      |      |      |      |      | RF-0238-001-PPP |
| Hexachlorocyclohexane (HCH), beta-isomer  | 0,01 |       |      |      |      |      |      |      | RF-0239-002-PPP |
| Hexachlorocyclohexane (HCH), sum of isomers, except the gamma isomer  | 0,01 | 0,01  | 0,01 |      |      |      |      |      | RF-0240-003-PPP |
| HCH, delta-   | 0,01 |       |      |      |      |      |      |      | RF-0736-001-PPP |
| HCH-epsilon   | 0,01 |       |      |      |      |      |      |      | RF-0240-004-PPP |
| Heptachlor  | 0,01 |       |      |      |      |      |      |      | RF-0236-004-PPP |
| Heptachlor (sum of heptachlor and heptachlor epoxide expressed as heptachlor)   | 0,01 | 0,01  |      |      |      |      |      |      | RF-0236-001-PPP |
| Heptachlor epoxide  | 0,01 |       |      |      |      |      |      |      | RF-0236-005-PPP |
| Heptenophos   | 0,01 | 0,01  | 0,01 |      |      |      |      |      | RF-0737-001-PPP |
| Hexachlorobenzene   | 0,01 | 0,003 | 0,01 |      |      |      |      |      | RF-0237-001-PPP |
| Hexaconazole  |      |       |      | 0,01 |      |      |      | 0,05 | RF-0241-001-PPP |
| Hexaflumuron  |      |       |      |      | 0,01 |      |      |      | RF-0738-001-PPP |
| Hexazinone  |      |       |      | 0,01 |      |      |      |      | RF-0739-001-PPP |
| Hexythiazox   |      |       |      | 0,01 |      |      |      | 0,01 | RF-0242-001-PPP |
| Imazalil  |      |       |      | 0,01 |      |      | 0,01 | 0,01 | RF-0246-001-PPP |
| Imazamethabenz-Methyl   |      | 0,01  |      |      |      |      |      |      | RF-0742-001-PPP |
| Imazamox  |      |       |      | 0,01 |      |      |      |      | RF-0247-001-PPP |
| Imazapyr  |      |       |      | 0,01 |      |      |      |      | RF-0744-001-PPP |
| Imazosulfuron   |      |       |      | 0,01 |      |      |      |      | RF-0249-001-PPP |

| Description   | GMS  | GMS4 | GMS5 | LMS  | LMS2 | LMS3 | LMS5 | LNS  | CODE            |
|---|------|------|------|------|------|------|------|------|-----------------|
| Imidacloprid  |      |      |      | 0,01 |      |      | 0,01 | 0,01 | RF-0250-001-PPP |
| Indoxacarb as sum of the isomers S and R  |      |      |      | 0,01 |      |      | 0,01 | 0,05 | RF-0251-001-PPP |
| Iodosulfuron-methyl (iodosulfuron-methyl including salts, expressed as iodosulfuron-methyl) |      |      |      | 0,01 |      |      |      |      | RF-0252-001-PPP |
| Ioxynil, including its esters expressed as ioxynil  |      |      |      |      | 0,01 |      |      |      | RF-0253-001-PPP |
| Ipconazole  | 0,01 | 0,05 |      |      |      |      |      |      | RF-0254-001-PPP |
| Iprobenfos  |      |      |      | 0,01 |      |      |      |      | RF-0751-001-PPP |
| Iprodione   | 0,01 | 0,01 | 0,01 |      |      |      |      | 0,05 | RF-0255-001-PPP |
| Iprovalicarb  |      |      |      | 0,01 |      |      |      | 0,05 | RF-0256-001-PPP |
| Isocarbophos  | 0,01 | 0,01 | 0,05 |      |      |      |      |      | RF-0754-001-PPP |
| Isofenphos  | 0,01 | 0,01 | 0,01 |      |      |      |      |      | RF-0756-001-PPP |
| Isofenphos-methyl   | 0,01 | 0,01 | 0,01 |      |      |      |      |      | RF-0758-001-PPP |
| Isonoruron  |      |      |      | 0,01 |      |      |      |      | RF-1035-001-PPP |
| Isoprocarb  | 0,01 | 0,01 |      |      |      |      |      |      | RF-0762-001-PPP |
| Isoprothiolane  |      |      |      | 0,01 |      |      |      |      | RF-0764-001-PPP |
| Isoproturon   |      |      |      | 0,01 |      |      |      |      | RF-0257-001-PPP |
| Isoxaben  |      |      |      | 0,01 |      |      |      |      | RF-0258-001-PPP |
| Ixoaxadifen-ethyl   | 0,01 | 0,01 |      |      |      |      |      |      | RF-0765-001-PPP |
| Isoxaflutole (sum of isoxaflutole, RPA 202248, expressed as isoxaflutole)                   |      |      |      |      |      |      | 0,02 |      | RF-0259-001-PPP |
| Ivermectin  |      |      |      |      |      |      | 0,01 |      | RF-0767-001-PPP |
| Kresoxim-methyl   |      |      |      | 0,01 |      |      |      | 0,05 | RF-0260-001-PPP |
| Lambda-Cyhalothrin  | 0,01 | 0,01 | 0,01 |      |      |      |      | 0,02 | RF-0261-001-PPP |
| Lenacil   |      |      |      | 0,01 |      |      |      |      | RF-0262-001-PPP |
| Lindane (Gamma-isomer of hexachlorocyclohexane (HCH))                                       | 0,01 | 0,01 | 0,01 |      |      |      |      |      | RF-0263-001-PPP |
| Linuron   |      |      |      | 0,01 |      |      | 0,01 |      | RF-0264-001-PPP |
| Lufenuron   |      |      |      | 0,02 |      |      |      |      | RF-0265-001-PPP |
| Malaoxon  | 0,01 |      |      |      |      |      |      | 0,05 | RF-0266-002-PPP |
| Malathion   | 0,01 |      |      |      |      |      |      | 0,1  | RF-0266-003-PPP |
| Malathion (sum of malathion and malaoxon expressed as malathion)                            | 0,01 | 0,01 | 0,01 |      |      |      |      |      | RF-0266-001-PPP |
| Mandipropamid   |      |      |      | 0,01 |      |      | 0,01 |      | RF-0268-001-PPP |
| MCPA  |      |      |      |      | 0,01 |      |      | 0,01 | RF-0271-005-PPP |

| Description  | GMS  | GMS4 | GMS5 | LMS  | LMS2 | LMS3 | LMS5 | LNS  | CODE            |
|--|------|------|------|------|------|------|------|------|-----------------|
| MCPB   |      |      |      |      | 0,01 |      |      |      | RF-0271-002-PPP |
| Mecarbam   | 0,01 | 0,01 | 0,01 |      |      |      |      | 0,05 | RF-0272-001-PPP |
| Mecoprop   |      |      |      |      | 0,01 |      |      | 0,01 | RF-0273-003-PPP |
| Mefenpyr-diethyl   |      |      |      | 0,01 |      |      |      |      | RF-00000026-PAR |
| Mepanipyrim (Mepanipyrim and its metabolite (2-anilino-4-(2-hydroxypropyl)-6-methylpyrimidine) expressed as mepanipyrim)     |      |      |      | 0,01 |      |      |      | 0,01 | RF-0274-001-PPP |
| Mepronil   | 0,01 | 0,01 | 0,01 |      |      |      |      |      | RF-0780-001-PPP |
| Mesosulfuron   |      |      |      | 0,01 |      |      |      |      | RF-0278-002-PPP |
| Mesosulfuron-methyl  |      |      |      | 0,01 |      |      |      |      | RF-0278-003-PPP |
| Mesosulfuron-methyl (expresssed as Mesosulfuron)   |      |      |      | 0,01 |      |      |      |      | RF-0278-001-PPP |
| Mesotrione (Sum of mesotrione and MNBA (4-methylsulfonyl-2-nitro benzoic acid), expressed as mesotrione)                     |      |      |      |      |      |      |      | 0,01 | RF-0279-001-PPP |
| Metaflumizone (sum of E- and Z- isomers)   |      |      |      | 0,01 |      |      |      |      | RF-0280-001-PPP |
| Metalaxyl and metalaxyl-M (metalaxyl including other mixtures of constituent isomers including metalaxyl-M (sum of isomers)) |      |      |      | 0,01 |      |      | 0,01 | 0,05 | RF-0281-001-PPP |
| Metamitron   |      |      |      | 0,01 |      |      |      |      | RF-0284-001-PPP |
| Metazachlor  |      |      |      | 0,01 |      |      |      |      | RF-0285-001-PPP |
| Metconazole  |      |      |      | 0,01 |      |      |      | 0,01 | RF-0286-001-PPP |
| Methabenzthiazuron   |      |      |      | 0,01 |      |      |      |      | RF-0287-001-PPP |
| Methacrifos  | 0,01 | 0,01 | 0,01 |      |      |      |      |      | RF-0288-001-PPP |
| Methamidophos  |      |      |      | 0,01 |      |      |      | 0,01 | RF-0289-001-PPP |
| Methidathion   | 0,01 | 0,01 | 0,01 |      |      |      |      | 0,05 | RF-0290-001-PPP |
| Methiocarb   |      |      |      | 0,01 |      |      |      | 0,01 | RF-0291-002-PPP |
| Methiocarb (sum of methiocarb and methiocarb sulfoxide and sulfone, expressed as methiocarb)                                 |      |      |      | 0,01 |      |      | 0,01 |      | RF-0291-001-PPP |
| Methiocarb-Sulfon  |      |      |      | 0,01 |      |      |      |      | RF-0291-004-PPP |
| Methiocarb-Sulfoxid  |      |      |      | 0,01 |      |      |      | 0,01 | RF-0291-003-PPP |
| Methomyl   |      |      |      | 0,01 |      |      |      | 0,01 | RF-0293-003-PPP |
| Methomyl and Thiodicarb (sum of methomyl and thiodicarb expressed as methomyl)   |      |      |      | 0,01 |      |      | 0,01 | 0,01 | RF-0293-001-PPP |

| Description                                | GMS  | GMS4  | GMS5 | LMS  | LMS2 | LMS3 | LMS5 | LNS  | CODE            |
|--|------|-------|------|------|------|------|------|------|-----------------|
| <b>Methoprene</b>                          | 0,01 | 0,01  |      |      |      |      |      |      | RF-0294-001-PPP |
| <b>Methoprotryne</b>                       |      |       |      | 0,01 |      |      |      |      | RF-0786-001-PPP |
| <b>Methoxychlor</b>                        | 0,01 | 0,01  |      |      |      |      |      |      | RF-0295-001-PPP |
| <b>Methoxyfenozide</b>                     |      |       |      | 0,01 |      |      |      | 0,01 | RF-0296-001-PPP |
| <b>Metobromuron</b>                        |      |       |      | 0,01 |      |      | 0,01 |      | RF-0791-001-PPP |
| <b>Metholachlor</b>                        |      |       |      | 0,01 |      |      |      |      | RF-0292-002-PPP |
| <b>Metosulam</b>                           |      |       |      | 0,01 |      |      |      |      | RF-0298-001-PPP |
| <b>Metoxuron</b>                           |      |       |      | 0,01 |      |      |      |      | RF-0794-001-PPP |
| <b>Metrafenone</b>                         | 0,01 | 0,01  | 0,01 |      |      |      |      |      | RF-0299-001-PPP |
| <b>Metribuzin</b>                          | 0,01 | 0,01  | 0,05 |      |      |      |      |      | RF-0300-001-PPP |
| <b>Metsulfuron-methyl</b>                  |      |       |      | 0,01 |      |      |      |      | RF-0301-001-PPP |
| <b>Mevinphos (sum of E- and Z-isomers)</b> | 0,01 | 0,01  | 0,01 |      |      |      |      |      | RF-0302-001-PPP |
| <b>Mirex</b>                               | 0,01 | 0,01  | 0,01 |      |      |      |      |      | RF-0797-001-PPP |
| <b>Molinate</b>                            |      |       |      | 0,01 |      |      |      |      | RF-0304-001-PPP |
| <b>Monocrotophos</b>                       |      |       |      | 0,01 |      |      |      |      | RF-0305-001-PPP |
| <b>Monolinuron</b>                         |      |       |      | 0,02 |      |      |      |      | RF-0306-001-PPP |
| <b>Monuron</b>                             |      |       |      | 0,01 |      |      |      |      | RF-0307-001-PPP |
| <b>Myclobutanil</b>                        |      |       |      | 0,01 |      |      | 0,01 | 0,05 | RF-0308-001-PPP |
| <b>Napropamide</b>                         |      |       |      | 0,01 |      |      | 0,01 |      | RF-0309-001-PPP |
| <b>Nicosulfuron</b>                        |      |       |      | 0,01 |      |      |      | 0,1  | RF-0310-001-PPP |
| <b>Nitenpyram</b>                          |      |       |      | 0,01 |      |      |      |      | RF-0810-001-PPP |
| <b>Nitralin</b>                            | 0,01 | 0,01  |      |      |      |      |      |      | RF-0812-001-PPP |
| <b>Nitrofen</b>                            | 0,01 | 0,003 | 0,01 |      |      |      |      |      | RF-0311-001-PPP |
| <b>Nitrothal-Isopropyl</b>                 | 0,01 | 0,01  | 0,01 |      |      |      |      |      | RF-0815-001-PPP |
| <b>Novaluron</b>                           |      |       |      | 0,01 |      |      |      |      | RF-0313-001-PPP |
| <b>Nuarimol</b>                            |      |       |      | 0,01 |      |      |      |      | RF-0819-001-PPP |
| <b>Ofurace</b>                             |      |       |      | 0,01 |      |      |      |      | RF-0821-001-PPP |
| <b>Omethoate</b>                           |      |       |      | 0,01 |      |      |      | 0,01 | RF-0139-002-PPP |
| <b>2-phenylphenol</b>                      | 0,05 | 0,005 | 0,05 |      |      |      |      | 0,05 | RF-0823-001-PPP |
| <b>Oxadiargyl</b>                          | 0,01 | 0,01  | 0,01 |      |      |      |      |      | RF-0317-001-PPP |
| <b>Oxadiazon</b>                           | 0,01 | 0,01  | 0,01 |      |      |      |      |      | RF-0318-001-PPP |
| <b>Oxadixyl</b>                            |      |       |      | 0,01 |      |      | 0,01 | 0,05 | RF-0319-001-PPP |



| Description  | GMS  | GMS4 | GMS5 | LMS  | LMS2 | LMS3 | LMS5 | LNS  | CODE            |
|--|------|------|------|------|------|------|------|------|-----------------|
| Phosphamidon   |      |      |      | 0,01 |      |      |      |      | RF-0339-001-PPP |
| Phoxim   |      |      |      | 0,01 |      |      |      | 0,05 | RF-0342-001-PPP |
| Picloram   |      |      |      |      | 0,05 |      |      |      | RF-0343-001-PPP |
| Picolinafen  |      |      |      | 0,01 |      |      |      |      | RF-0344-001-PPP |
| Picoxystrobin  |      |      |      | 0,01 |      |      |      |      | RF-0345-001-PPP |
| Pinoxaden  |      |      |      | 0,01 |      |      |      |      | RF-0346-001-PPP |
| Piperonyl Butoxide   | 0,01 | 0,01 | 0,01 |      |      |      |      |      | RF-0848-001-PPP |
| Pirimicarb   |      |      |      | 0,01 |      |      |      | 0,05 | RF-0347-002-PPP |
| Pirimicarb (sum of Pirimicarb and Desmethyl pirimicarb expressed as Pirimicarb)  |      |      |      | 0,01 |      |      | 0,01 | 0,05 | RF-0347-001-PPP |
| Pirimiphos-Ethyl   | 0,01 | 0,01 | 0,01 |      |      |      |      |      | RF-0851-001-PPP |
| Pirimiphos-methyl  | 0,01 | 0,01 | 0,01 |      |      |      |      | 0,05 | RF-0348-001-PPP |
| Pretilachlor   | 0,01 | 0,01 |      |      |      |      |      |      | RF-0854-001-PPP |
| Prochloraz (sum of prochloraz and its metabolites containing the 2,4,6-Trichlorophenol moiety expressed as prochloraz) |      |      |      | 0,01 |      |      |      |      | RF-0349-001-PPP |
| Procymidone  | 0,01 | 0,01 | 0,01 |      |      |      |      | 0,02 | RF-0350-001-PPP |
| Profenofos   |      |      |      | 0,01 |      |      |      | 0,05 | RF-0351-001-PPP |
| Profluralin  | 0,01 | 0,01 | 0,01 |      |      |      |      |      | RF-0858-001-PPP |
| Promecarb  |      |      |      | 0,01 |      |      |      |      | RF-0860-001-PPP |
| Prometryn  | 0,01 | 0,01 | 0,01 |      |      |      |      |      | RF-0862-001-PPP |
| Propachlor: oxalinic derivate of propachlor, expressed as propachlor   |      |      |      | 0,01 |      |      |      |      | RF-0353-001-PPP |
| Propamocarb (Sum of propamocarb and its salt expressed as propamocarb)   |      |      |      | 0,01 |      |      | 0,01 | 0,01 | RF-0354-001-PPP |
| Propanil   |      | 0,05 |      | 0,01 |      |      |      |      | RF-0355-001-PPP |
| Propaphos  |      |      |      |      |      |      |      |      | RF-0863-001-PPP |
| Propaqquizafop   |      |      |      | 0,01 |      |      |      |      | RF-0356-001-PPP |
| Propargite   | 0,01 | 0,05 | 0,05 |      |      |      |      | 0,01 | RF-0357-001-PPP |
| Propham  |      |      |      | 0,01 |      |      |      |      | RF-0867-001-PPP |
| Propiconazole  |      |      |      | 0,01 |      |      |      | 0,05 | RF-0358-001-PPP |
| Propoxur   |      |      |      | 0,01 |      |      |      |      | RF-0361-001-PPP |
| Propyzamide  |      |      |      | 0,01 |      |      | 0,01 | 0,02 | RF-0364-001-PPP |

| Description  | GMS  | GMS4 | GMS5 | LMS  | LMS2 | LMS3 | LMS5 | LNS  | CODE            |
|--|------|------|------|------|------|------|------|------|-----------------|
| Proquinazid  |      |      |      | 0,01 |      |      |      |      | RF-0365-001-PPP |
| Prosulfocarb   |      |      |      | 0,01 |      |      | 0,01 |      | RF-0366-001-PPP |
| Prosulfuron  |      |      |      | 0,01 |      |      |      |      | RF-0367-001-PPP |
| Prothioconazole (prothioconazole-Desthio)  |      |      |      | 0,01 |      |      |      |      | RF-0868-001-PPP |
| Prothifos  | 0,01 | 0,01 | 0,01 |      |      |      |      |      | RF-0869-001-PPP |
| Pymetrozine  |      |      |      | 0,01 |      |      | 0,01 |      | RF-0369-001-PPP |
| Pyraclofos   |      |      |      | 0,01 |      |      |      |      | RF-0872-001-PPP |
| Pyraclostrobin   |      |      |      | 0,01 |      |      | 0,01 |      | RF-0370-001-PPP |
| Pyraflufen-ethyl   |      |      |      | 0,01 |      |      |      |      | RF-0371-001-PPP |
| Pyrazophos   | 0,01 | 0,01 | 0,01 |      |      |      |      | 0,05 | RF-0373-001-PPP |
| Pyrethrins   |      |      |      | 0,01 |      |      |      |      | RF-0374-001-PPP |
| Pyrethrin I  |      |      |      | 0,01 |      |      |      |      | RF-0374-002-PPP |
| Pyrethrin II   |      |      |      | 0,01 |      |      |      |      | RF-0374-003-PPP |
| Pyridaben  | 0,01 | 0,01 | 0,01 |      |      |      |      | 0,05 | RF-0375-001-PPP |
| Pyridafol  |      |      |      |      |      | 0,01 |      |      | RF-0875-001-PPP |
| Pyridaphenthion  |      |      |      | 0,01 |      |      |      |      | RF-0877-001-PPP |
| Pyridate   |      |      |      |      |      | 0,01 |      |      | RF-0376-002-PPP |
| Pyridate (sum of pyridate, its hydrolysis product CL 9673 (6-chloro-4-hydroxy-3-phenylpyridazin) and hydrolysable conjugates of CL 9673 expressed as pyridate) |      |      |      |      |      | 0,01 |      |      | RF-0376-001-PPP |
| Pyrifenoxy   |      |      |      | 0,01 |      |      |      |      | RF-0878-001-PPP |
| Pyrimethanil   |      |      |      | 0,01 |      |      |      | 0,05 | RF-0377-001-PPP |
| Pyriproxyfen   | 0,01 | 0,01 | 0,01 |      |      |      |      | 0,05 | RF-0378-001-PPP |
| Pyroquilon   | 0,01 | 0,01 |      |      |      |      |      |      | RF-0379-001-PPP |
| Quinalphos   | 0,01 | 0,01 | 0,01 |      |      |      |      |      | RF-0380-001-PPP |
| Quinclorac   |      |      |      | 0,01 |      |      |      |      | RF-0885-001-PPP |
| Quinoxifen   |      |      |      | 0,01 |      |      |      | 0,05 | RF-0382-001-PPP |
| Quintozene   | 0,01 |      |      |      |      |      |      | 0,02 | RF-0383-002-PPP |
| Quintozene (sum of quintozene and pentachloro-aniline expressed as quintozene)   | 0,01 | 0,01 | 0,01 |      |      |      |      | 0,05 | RF-0383-001-PPP |
| Quizalofop   |      |      |      | 0,01 |      |      |      |      | RF-0384-004-PPP |
| Quizalofop-Ethyl   |      |      |      | 0,01 |      |      |      |      | RF-0887-001-PPP |
| Rimsulfuron  |      |      |      | 0,01 |      |      |      |      | RF-0386-001-PPP |

| Description  | GMS  | GMS4 | GMS5 | LMS  | LMS2 | LMS3 | LMS5 | LNS  | CODE            |
|--|------|------|------|------|------|------|------|------|-----------------|
| Rotenone   |      |      |      | 0,01 |      |      |      |      | RF-0387-001-PPP |
| S421   |      |      | 0,02 |      |      |      |      |      | RF-0889-001-PPP |
| Sethoxydim   |      |      |      | 0,01 |      |      |      |      | RF-0096-003-PPP |
| Siduron  |      |      |      | 0,01 |      |      |      |      | RF-0894-001-PPP |
| Silthiofam   | 0,01 | 0,01 | 0,01 |      |      |      |      |      | RF-0389-001-PPP |
| Simazine   |      |      |      | 0,01 |      |      |      |      | RF-0390-001-PPP |
| Spinosad (sum of Spinosyn A and Spinosyn D, expressed as Spinosad)   |      |      |      | 0,01 |      |      | 0,01 |      | RF-0393-001-PPP |
| Spinosyn A   |      |      |      | 0,01 |      |      |      | 0,01 | RF-0393-002-PPP |
| Spinosyn D   |      |      |      | 0,01 |      |      |      | 0,01 | RF-0393-003-PPP |
| Spirodiclofen  | 0,01 | 0,01 | 0,01 |      |      |      |      |      | RF-0394-001-PPP |
| Spiromesifen   | 0,01 | 0,01 | 0,01 |      |      |      |      |      | RF-0395-001-PPP |
| Spirotetramat and its 4 metabolites BYI08330-enol, BYI08330-ketohydroxy, BYI08330-monohydroxy, and BYI08330 enol-glucoside, expressed as spirotetramat |      |      |      | 0,01 |      |      | 0,01 |      | RF-0396-001-PPP |
| Spiroxamine  |      |      |      | 0,01 |      |      |      | 0,01 | RF-0397-001-PPP |
| Sulcotriione   |      |      |      |      |      |      | 0,02 |      | RF-0398-001-PPP |
| Sulfentrazone  |      |      |      |      | 0,01 |      |      |      | RF-0901-001-PPP |
| Sulfosulfuron  |      |      |      | 0,01 |      |      |      |      | RF-0399-001-PPP |
| Sulfotep   | 0,01 | 0,01 | 0,01 |      |      |      |      |      | RF-0903-001-PPP |
| Sulprofos  | 0,01 | 0,01 |      |      |      |      |      |      | RF-0905-001-PPP |
| TCMTB  | 0,02 | 0,02 |      |      |      |      |      |      | RF-0906-001-PPP |
| Tebuconazole   |      |      |      | 0,01 |      |      | 0,01 | 0,05 | RF-0403-001-PPP |
| Tebufenozide   |      |      |      | 0,01 |      |      |      | 0,01 | RF-0404-001-PPP |
| Tebufenpyrad   |      |      |      | 0,01 |      |      |      | 0,05 | RF-0405-001-PPP |
| Tecnazene  | 0,01 | 0,01 | 0,01 |      |      |      |      | 0,05 | RF-0406-001-PPP |
| Teflubenzuron  |      |      |      |      | 0,01 |      |      |      | RF-0407-001-PPP |
| Tefluthrin   | 0,01 | 0,01 | 0,01 |      |      |      |      | 0,05 | RF-0408-001-PPP |
| Tepraloxydim   |      |      |      | 0,01 |      |      |      |      | RF-0411-001-PPP |
| Terbacil   | 0,01 | 0,01 |      |      |      |      |      |      | RF-0912-001-PPP |
| Terbufos   |      |      |      | 0,01 |      |      |      |      | RF-0412-002-PPP |
| Terbufos Sulfone   |      |      |      | 0,01 |      |      |      |      | RF-0412-003-PPP |
| Terbufos Sulfoxide   |      |      |      | 0,01 |      |      |      |      | RF-0412-004-PPP |

| Description  | GMS  | GMS4 | GMS5 | LMS  | LMS2 | LMS3 | LMS5 | LNS  | CODE            |
|--|------|------|------|------|------|------|------|------|-----------------|
| Terbutylazine  | 0,01 | 0,01 | 0,01 |      |      |      |      |      | RF-0413-001-PPP |
| Terbutryn  | 0,01 | 0,01 |      |      |      |      |      |      | RF-0919-001-PPP |
| Tetrachlorvinphos  | 0,01 | 0,01 | 0,01 |      |      |      |      |      | RF-0920-001-PPP |
| Tetraconazole  |      |      |      | 0,01 |      |      |      | 0,02 | RF-0414-001-PPP |
| Tetradifon   | 0,01 | 0,01 | 0,01 |      |      |      |      | 0,02 | RF-0415-001-PPP |
| Tetramethrin   |      |      |      | 0,01 |      |      |      |      | RF-0922-001-PPP |
| Thiabendazole  |      |      |      | 0,01 |      |      | 0,01 | 0,1  | RF-0416-001-PPP |
| Thiacloprid  |      |      |      | 0,01 |      |      | 0,01 | 0,01 | RF-0417-001-PPP |
| Thiametoxam  |      |      |      | 0,01 |      |      |      |      | RF-0418-001-PPP |
| Thiametoxam (sum of thiametoxam and clothianidin expressed as thiametoxam)                   |      |      |      | 0,01 |      |      | 0,01 | 0,01 | RF-0418-002-PPP |
| Thifensulfuron-methyl  |      |      |      | 0,01 |      |      |      |      | RF-0419-001-PPP |
| Thiobencarb  |      |      |      | 0,01 |      |      |      |      | RF-0420-001-PPP |
| Thiodicarb   |      |      |      | 0,01 |      |      |      | 0,01 | RF-0293-002-PPP |
| Thiophanate-methyl   |      |      |      | 0,01 |      |      | 0,01 | 0,01 | RF-0422-001-PPP |
| Thiram (expressed as thiram)   |      |      |      |      |      |      |      | 0,1  | RF-0423-001-PPP |
| Tiocarbazil  | 0,01 | 0,05 |      |      |      |      |      |      | RF-0942-001-PPP |
| Tolclofos-methyl   | 0,01 | 0,01 | 0,01 |      |      |      |      | 0,05 | RF-0424-001-PPP |
| Tolfenpyrad  | 0,01 | 0,01 |      |      |      |      |      |      | RF-0943-001-PPP |
| Tolylfluanid   | 0,02 |      |      |      |      |      |      | 0,05 | RF-0425-002-PPP |
| Tolylfluanid (Sum of tolylfluanid and dimethylaminosulfotoluidide expressed as tolylfluanid) | 0,02 |      | 0,05 |      |      |      |      | 0,01 | RF-0425-001-PPP |
| Tolylfluanid analysed as dimethylaminosulfotoluidide and expressed as tolylfluanid           |      |      |      |      |      |      |      |      | RF-1007-001-PPP |
| Transfluthrin  | 0,01 | 0,02 |      |      |      |      |      |      | RF-0945-001-PPP |
| Triadimefon  |      |      |      | 0,01 |      |      |      | 0,05 | RF-0428-003-PPP |
| Triadimefon and triadimenol (sum of triadimefon and triadimenol)                             |      |      |      | 0,01 |      |      |      |      | RF-0428-001-PPP |
| Triadimenol  |      |      |      | 0,01 |      |      |      | 0,02 | RF-0428-002-PPP |
| Tri-allate   | 0,01 | 0,01 |      |      |      |      |      |      | RF-0430-001-PPP |
| Triasulfuron   |      |      |      | 0,01 |      |      |      |      | RF-0431-001-PPP |
| Triazophos   |      |      |      | 0,01 |      |      |      | 0,05 | RF-0432-001-PPP |
| Tribenuron-methyl  |      |      |      | 0,01 |      |      |      |      | RF-0434-001-PPP |

| Description   | GMS  | GMS4 | GMS5 | LMS  | LMS2 | LMS3 | LMS5 | LNS  | CODE            |
|---|------|------|------|------|------|------|------|------|-----------------|
| Trichlorfon   |      |      |      | 0,01 |      |      |      |      | RF-0435-001-PPP |
| Triclopyr   |      |      |      |      | 0,01 |      |      |      | RF-0436-001-PPP |
| Tricyclazole  |      |      |      | 0,01 |      |      |      |      | RF-0437-001-PPP |
| Tridemorph  |      |      |      | 0,01 |      |      |      |      | RF-0438-001-PPP |
| Trifloxystrobin   |      |      |      | 0,01 |      |      |      | 0,02 | RF-0439-001-PPP |
| Triflumizole Triflumizole and metabolite FM-6-1(N-(4-chloro-2-trifluoromethylphenyl)-n-propoxyacetamidine), expressed as Triflumizole |      |      |      | 0,01 |      |      |      |      | RF-0440-001-PPP |
| Triflumuron   |      |      |      | 0,01 |      |      |      |      | RF-0441-001-PPP |
| Trifluralin   | 0,01 | 0,01 | 0,01 |      |      |      |      | 0,05 | RF-0442-001-PPP |
| Triflusulfuron-Methyl   |      |      |      | 0,01 |      |      |      |      | RF-0961-001-PPP |
| Triforine   |      |      |      | 0,01 |      |      |      |      | RF-0444-001-PPP |
| Trinexapac-Ethyl  |      |      |      | 0,02 |      |      |      |      | RF-0963-001-PPP |
| Triticonazole   |      |      |      | 0,01 |      |      |      | 0,05 | RF-0447-001-PPP |
| Vamidothion   |      |      |      | 0,01 |      |      |      |      | RF-0969-001-PPP |
| Vinclozolin   |      |      |      |      |      |      |      | 0,05 | RF-0450-003-PPP |
| Vinclozolin (sum of Vinclozolin and all metabolites containing the 3,5-dichloraniline moiety, expressed as Vinclozolin)               | 0,01 | 0,01 | 0,01 |      |      |      |      |      | RF-0450-001-PPP |
| Zoxamide  |      |      |      | 0,01 |      |      |      |      | RF-0452-001-PPP |