

Belgian Annual CIPAC/FAO/WHO Report form on CIPAC activities and Quality Control of Pesticides

2009

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1. Information regarding CIPAC activities

In 2008, the Federal Laboratory for Food Safety has participated to 2 collaborative studies :

- Fluazinam and impurity-5 in TC and SC organised by ISK.
- Clothianidin in TC, WG, SC, GR and SG organised by Sumitomo.

The Walloon Agricultural Research Centre (CRA-W), Pesticides Research Department, Gembloux (contact person : Dr Olivier PIGEON) has participated to the following collaborative trials:

- Fluazinam and impurity-5 in TC and SC organised by ISK.
- Clothianidin in TC, WG, SC, GR and SG organised by Sumitomo.
- 1-methylcyclopropene impurities (1-CMP and 3-CMP) organised by Rohm and Haas.
- Metalaxyl-M in TC, WP, WG and FS (small scale trial) organised by ESPAC.

The Federal Laboratory of Liège and the CRA-W, have participated to the proficiency Testing of physicochemical properties of pesticides formulations organized by FASFC (see under).

2. Information regarding quality control of pesticides

Reporting period/year :	Number of samples analysed	Number of non-compliance	Uses
2008	67 samples	6	Agricultural use : 67
			Public Health use : -
			Home and Garden use : combined with agricultural use
			Other uses (please specify) : -

Details of non-compliances : most of them concerned the a.i. content.

A total of 2351 controls have been realized in 2008 including analysis (see above), control of registration of formulations, labelling, packaging, and so on. The details are mentioned in the tables here after.

Type of controls made in 2008.

Analysis

Nature of pesticides	Number of samples analysed	Number of non-compliance
Fungicides	19	2
Herbicides	24	1
Insecticides	14	1
Growth regulators	2	0
Others	8	2
TOTAL	67	6

Visits of inspection to operators (182)

Controls	Number of controls	Number of non-compliances
Registration of formulations	373	62
Surroundings		
Labelling and packaging of formulations		

Visits of inspection to users (2145²)

Controls	Number of controls	Number of non-compliances
Use of non registered formulations	2169	258

3. Any comments and/or background information

In 2008, the Business Unit Proficiency Testing Scheme of the Federal Agency for the Safety of the Food Chain developed a “small scale” proficiency testing of physico-chemical properties of Plant Protection Product. 13 laboratories have participated.

In 2008, the Walloon Agricultural Research Centre (CRA-W), Pesticides Research Department, Gembloux (WHO Collaborating Centre) has performed the quality control of the following public health pesticides:

- 58 samples of DDT 75% WP according to the WHO/SIF/1.R7 specification. All the samples complied with the WHO specification.
- 17 samples of DDT 75% WP according to the WHO/SIF/1.R8 specification. All these samples produced by the same manufacturer did not comply with the WHO specification. The non-compliant samples failed to the tests for suspensibility, wet sieving and persistent foam.
- 2 samples of deltamethrin 2.5% WP according to the WHO specification 333/WP. The results complied with the WHO specification, except the pH.
- 1 sample of alpha-cypermethrin 5% WP according to the WHO specification 454/WP. The results complied with the WHO specification, except the persistent foam.
- 1 sample of lambda-cyhalothrin 10% WP-SB according to the WHO specification 463/WP. The results complied with the WHO specification, except the dissolution of the water soluble bag.

In 2008, the Walloon Agricultural Research Centre (CRA-W), Pesticides Research Department, in the framework of a FAO project, has performed the quality control of 101 samples of pesticides formulations stockpiles in Desert Locust affected countries according to the FAO specifications.

- 16 samples come from Niger (6 chlorpyrifos UL, 3 deltamethrin UL, 5 lambda-cyhalothrin EC and 2 tralomethrin UL). 13 samples / 16 complied with the FAO specifications. The non-compliant samples are 3 samples of lambda-cyhalothrin EC (emulsion stability).
- 85 samples come from Maroc (58 chlorpyrifos UL, 5 deltamethrin UL, 4 deltamethrin EC and 18 malathion UL). 62 samples / 85 complied with the FAO specifications. The non-compliant samples are all the samples of malathion UL (impurities) and 5 samples of chlorpyrifos UL (impurity).