

Annual CIPAC/FAO/WHO Report Form on the Quality Control of Pesticides

Country/Name and Address of the Institution (contact person):

ROMANIA

Laboratory for Phytosanitary Quarantine

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Voluntari, ROMANIA

Contact person:

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1 - Essential Information

Reporting period/year:	Number of samples analyzed (1)	Number of non-compliance (2)	Uses (3) (optional)
2010	170	13	Agricultural use: all of them
			Public Health use: -
			Home and Garden use: -
			Other uses (please specify):-

(1) Any sample, including those of active inspection and registration control samples.
- 170 samples;

(2) Non-compliance with FAO/WHO or national pesticide specifications.
- 13 samples

The reason of non-compliance:

- 8 counterfeits
- 4 samples non-compliance (content of active ingredient and physical properties)
- 1 unknown sample

2 - Any comments and/or background information

The Laboratory for Quality Control of Pesticides within Laboratory for Phytosanitary Quarantine carries out its as follows:

From total of samples analysed 170, were analysed :

- 26 samples analyzed in view of registration of plant protection products;
- 35 samples in view of low enforcement

Analysis of environmental samples (soil, surface water) and vegetable products with phytotoxicity problems its responsibilities of laboratory, thus were analysed 16 samples with this kind of problems.

- 109 samples in view of monitoring the quality control of plant protection products

In National Monitoring Program for Quality Control of Plant Protection Products, in 2010 were monitorized 42 active substances and together with 4 county laboratories for quality control were analysed 283 samples of plant protection products.

The laboratory is accredited in accordance with the RS EN ISO/IEC 17025, by the Romanian accreditation body in determination of content of active ingredient of plant protection products trough chromatography techniques like GC-FID, HPLC, GC-MS, LC-MS and determination of physical-chemical parameters.

3. CIPAC Activities

Participation in the collaborative trial for:

- piperonyl butoxide, organised by Endura Fine Chemicals, Spain
- flumioxazine, organised by Sumito Chemical, Japan

4. Other collaborative studies

- participation in proficiency test for determination of content of alpha-cypermethrine, pH of the formulation, pH at dilution 1 %; density, persisting foaming, wet sieve test;
- participation in 2 AAPCO tests for determination of content of atrazine and a mixture of azoxystrobine with propiconazole active substances.