

Annual CIPAC/FAO/WHO Report Form On the Quality Control of Pesticides 2009

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

El Salvador C. A
Pesticide Formulation Control Laboratory,
Ministry of Agriculture and Livestock
Cantón El Matazano, Soyapango, El Salvador
Tel/Fax (503) 22 941016
Apartado postal 01-189
laboirdsa@hotmail.com
Elizabeth Carranza de Aguila : aguilaeli@hotmail.com

1 - Essential Information

| Reporting period/year: | Number of samples analyzed (1) | Number of non-compliance (2) | Uses (3) (optional) |
|-------------------------|--------------------------------|------------------------------|----------------------------------|
| January – December 2009 | 709 | 17 | Agricultural use: 607 |
| | | | Public Health use: |
| | | | Home and Garden use: |
| | | | Other uses (please specify): 102 |

(1) Any sample, including those of active inspection and registration control samples 709

(2) Non-compliance with FAO/WHO or national pesticide specifications 17 samples.

The reason of non-compliance:

-Content active ingredient 17 samples (11 low, 2 high and 1 not detected), 1 incorrect label declaration of active ingredient and 2 for physical properties

(3) If possible, please indicate the use/destination of the pesticide analyzed If the pesticide has various uses, it should be included only in one category and should be explained under item 2 (comments).

-Agriculture use

2 - Any comments and/or background information

- Most of the pesticides analyzed for biocide action were:

Insecticides: Parathion Methyl(27) Endosulfan (6), Phoxim (11), Cypermethrine(39) and Deltamethrin(16)

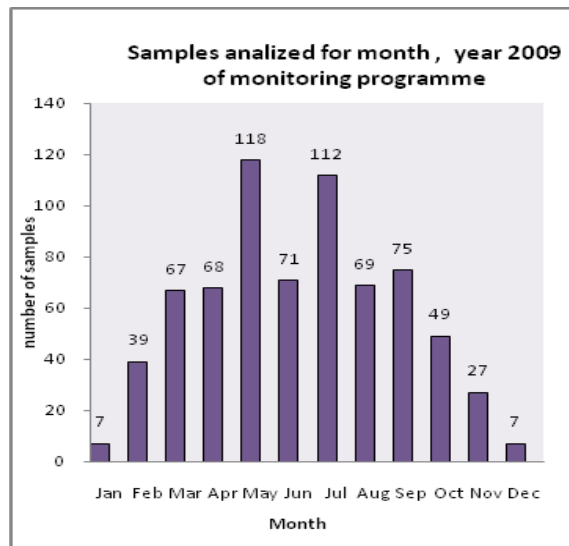
Herbicides: Paraquat (93), 2, 4-D(69), Glyphosate(42),Atrazine (29)

Fungicides: Cooper (13),Mancozeb(5) and Chlorothalonil (2)

Table 1

| Biocide action | Samples Analyzed | Non-compliance |
|----------------|------------------|----------------|
| Insecticides | 364 | 16 |
| Herbicides | 257 | 1 |
| Fungicides | 88 | - |
| Total | 709 | 17 |

-The graphic shows the samples of monitoring programme for month in 2009



-Other uses: (102 samples), Veterinary use: these are formulations of shampoos, soaps, powder and topic solutions with insecticides such as cypermethrin, fipronil and others

-We have analyzed 161 samples from the private sector who want to know the quality of their products 25 of these samples were used in public health, the active ingredient were Temephos, Deltamethrin ,S-Bioallethrin and others.

3. CIPAC Activities

N/A

4. Accreditation of laboratory

The laboratory is accredited under the Norm ISO/IEC 17025:2005

Accredited methods:

- Parathion Methyl in DP formulation, GLC method as for CIPAC Vol 1B *10.a/TC /(M1)/3, modified by the laboratory
- Cypermethrine in EC formulation, HPLC method as for CIPAC Vol 1 C*332/TC/M/3.2, modified by the laboratory
- Glyphosate in SL formulation, CIPAC 4335/R