

**MINISTRY OF AGRO INDUSTRY & FOOD SECURITY**

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**Pesticide Residue Analysis for samples collected at farm gate level for the month of July 2017**

Twelve samples of fruit and vegetable from farm gate level were analysed for one or more of the following pesticide residues: abamectin, acetamiprid, azoxystrobin, boscalid, carbaryl, carbendazim, chlorpyrifos, cyfluthrin, cypermethrin, difenoconazole, dimethoate, dimethomorph, fenazaquin, fluopicolid, hexaconazole, imidachloprid, indoxacarb, iprovalicarb, metalaxyl, methiocarb sulfoxide, profenofos, pyraclostrobin, spinosad, spiromesifen, tebuconazole, thiodicarb, thiophanate-methyl and trichlorfon.

Five samples exceeded the Codex Maximum Residue Level.

Results of Analysis for farm Gate level

|    | <b>Date received</b> | <b>Vegetables &amp; Fruits</b> | <b>Lab. Code</b> | <b>Client Code</b> | <b>Locality</b>             | <b>Pesticide detected</b>                                | <b>Amount detected (mg/kg)</b> | <b>CODEX MRL (mg/kg)</b>       |
|----|----------------------|--------------------------------|------------------|--------------------|-----------------------------|--|--------------------------------|--------------------------------|
| 1  | 01.07.17             | Brède Tom pouce                | C/382/17         | PDC/S4/17/13       | Cluny                       | Metalaxyl  | <0.01                          | N/A                            |
| 2  | 01.07.17             | Chinese cabbage                | C/383/17         | PDC/S4/17/14       | St Hubert                   | Abamectin<br>Imidachloprid<br>Metalaxyl<br>Cypermethrin  | <0.01<br>0.04<br>0.05<br>3.0   | N/A<br>0.5<br>0.5<br>1.0       |
| 3  | 01.07.17             | Sponge gourd (Pipengaille)     | C/384/17         | PDC/S4/17/15       | Astrooa                     | Cypermethrin   | 0.09                           | 0.07                           |
| 4  | 06.07.17             | Brède Tom pouce                | C/385/17         | E1/SP/07/16        | Circonstance                | Hexaconazole   | <0.01                          | N/A                            |
| 5  | 06.07.17             | Bean                           | C/386/17         | E1/SP/07/17        | Circonstance                | Tebuconazole<br>Cypermethrin                             | 0.04<br><0.01                  | N/A<br>0.7                     |
| 6  | 06.07.17             | Radish                         | C/387/17         | E1/SP/07/18        | La Laura                    | Carbendazim  | 0.42                           | 0.1                            |
| 7  | 06.07.17             | Chouchou                       | C/388/17         | E1/SP/07/19        | La Laura                    | NDL  | -                              | -                              |
| 8  | 06.07.17             | Chilli (long)                  | C/389/17         | N4/1/17/353        | Mme Azor Goodlands          | Imidachloprid<br>Pyraclostrobin<br>Spinosad              | 0.35<br>0.05<br>0.05           | 1.0<br>0.5<br>0.3              |
| 9  | 06.07.17             | Sponge gourd (Pipengaille)     | C/390/17         | N4/2/17/354        | Mlle Jeanne Goodlands       | Imidachloprid  | 0.03                           | N/A                            |
| 10 | 06.07.17             | Greens (Brède Malbar)          | C/391/17         | N4/2/17/355        | Mlle Jeanne Goodlands       | Imidachloprid<br>Pyraclostrobin<br>Spinosad<br>Abamectin | 0.90<br><0.01<br>0.02<br>0.01  | Kale: 5.0<br>1.0<br>0.3<br>N/A |
| 11 | 06.07.17             | Snake gourd (Patole)           | C/392/17         | N3/4/17/356        | Camp Domengue Petit Raffray | Cypermethrin   | 0.26                           | 0.07                           |
| 12 | 06.07.17             | Bittergourd                    | C/393/17         | N3/4/17/357        | Camp Domengue Petit Raffray | Cypermethrin   | 0.13                           | 0.07                           |

N.B.: Source CODEX MRL: FAO and WHO 2017

NDL - No detectable level.

MRL - Maximum Residue Level

N/A- Not available