

MINISTRY OF AGRO INDUSTRY & FOOD SECURITY*Agricultural Chemistry Division/Food Technology Laboratory**Agricultural Services, Réduit.*

Tél: 465 7472/4661321/4661435 Fax: 466 1559 E-mail: moa-agric-chem@govmu.org

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

Forty 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, cypermethrin, difenoconazole, dimethoate, dimethomorph, fenazaquin, fluopicolid, hexaconazole, imidachloprid, indoxacarb, iprovalicarb, metalaxyl, methiocarb sulfoxide, profenofos, pyraclostrobin, spinosad, spiromesifen, tebuconazole, thiodicarb, thiophanate-methyl and trichlorfon.

One sample exceeded the Codex Maximum Residue Level.

Results of Analysis for farm Gate level

	Date received	Fruits & Vegetables	Lab. Code	Client Code	Locality	Pesticide detected	Amount detected (mg/kg)	CODEX MRL (mg/kg)
1.	09.11.17	Snake gourd(patole)	C/506/17	PDC/S4/17/20	Bananes	Cypermethrin	0.089	0.07
2.	09.11.17	Greens (Brède Chouchou)	C/507/17	PDC/S4/17/19	St Hubert	NDL	-	-
3.	09.11.17	Banana	C/508/17	PDC/S4/17/21	St Hilaire	NDL	-	-
4.	09.11.17	Brinjal	C/509/17	E3/7/17/16	Belle Mare	NDL	-	-
5.	09.11.17	Calabash	C/510/17	E3/7/17/17	Belle Mare	Metalaxyl Cypermethrin	0.071 0.052	N/A 0.07
6.	09.11.17	Coriander	C/511/17	E3/7/17/18	Belle Mare	NDL	-	-
7.	09.11.17	Asparagus bean (Voehm)	C/512/17	N1/4/17/378	Khoyratty	NDL	-	-
8.	09.11.17	Sponge gourd (Pipengaille)	C/513/17	N1/4/17/379	Khoyratty	Carbendazim	<0.01	N/A
9.	09.11.17	Bittergourd	C/514/17	N1/4/17/380	Khoyratty	NDL	-	-
10.	09.11.17	Calabash	C/515/17	N1/4/17/381	Khoyratty	NDL	-	-
11.	09.11.17	Cabbage	C/516/17	N1/4/17/382	Notre Dame	NDL	-	-
12.	16.11.17	Bean	C/541/17	S1/8/225/17	Surinam	NDL	-	-
13.	16.11.17	Turnip (Rave)	C/542/17	S1/8/226/17	Riambel	NDL	-	-
14.	16.11.17	Chinese cabbage (Petsai)	C/543/17	S1/8/227/17	Riambel	NDL	-	-
15.	16.11.17	Cabbage	C/544/17	S1/8/228/17	Riambel	NDL	-	-
16.	16.11.17	Brinjal	C/547/17	E1/SP/11/16	Verdun	Fenthion	0.01	N/A
17.	16.11.17	Beans	C/548/17	E1/SP/11/18	Dagotièrre	Metalaxyl Carbendazim	<0.01 0.26	N/A 0.5
18.	16.11.17	Melon	C/549/17	N2/3/17/383	Solitude	Boscalid Carbendazim	0.038 0.12	Curcubits:3.0 N/A
19.	16.11.17	Brinjal	C/550/17	N2/3/17/384	Solitude	NDL	-	-

	Date received	Fruits & Vegetables	Lab. Code	Client Code	Locality	Pesticide detected	Amount detected (mg/kg)	CODEX MRL (mg/kg)
20.	16.11.17	Chillies	C/551/17	N2/3/17/385	Solitude	Metalaxyl Difenoconazole Spinosad Imidachloprid	<0.01 0.12 0.072 0.014	Pepper:1.0 N/A Pepper:0.3 Pepper:1.0
21.	16.11.17	Asparagus bean (Voehm)	C/552/17	N2/3/17/386	Solutide	NDL	-	-
22.	16.11.17	Cucumber	C/553/17	N2/3/17/3837	Solutide	NDL	-	-
23.	23.11.17	Sponge gourd (Pipengaille)	C/557/17	N4/3/17/388	L'esperance Trebuchet	NDL	-	-
24.	23.11.17	Bittergourd	C/558/17	N4/3/17/389	L'esperance Trebuchet	Metalaxyl	<0.01	N/A
25.	23.11.17	Brinjal	C/559/17	N4/4/17/390	Baudot	Fenthion	<0.01	N/A
26.	23.11.17	Chilli	C/560/17	N4/4/17/391	Baudot	Tebuconazole	0.015	Pepper:1.0
27.	23.11.17	Tomato	C/561/17	N4/2/17/392	St. Antoine	Metalaxyl	0.02	0.5
28.	30.11.17	Sponge gourd (Pipengaille)	C/567/17	N1/4/17/394	Souvenir	NDL	-	-
29.	30.11.17	Bittergourd	C/568/17	N1/4/17/393	Souvenir	NDL	-	-
30.	30.11.17	Tomato	C/569/17	N1/6/17/395	Notre Dame	Hexaconazole	<0.01	N/A
31.	30.11.17	Coriander	C/570/17	N1/6/17/397	Notre Dame	Metalaxyl Boscalid Spinosad Hexaconazole	<0.01 <0.01 2.23 0.044	N/A N/A Celery:2.0 N/A
32.	30.11.17	Sweet Pepper	C/571/17	N1/6/17/396	Notre Dame	Spinosad	0.11	0.3
33.	30.11.17	Brinjal	C/572/17	E2/UT/10/20	Q. Bords	Cypermethrin	0.024	0.03
34.	30.11.17	Cabbage	C/573/17	E2/UT/10/19	Bon Accueil	NDL	-	-
35.	30.11.17	Cucumber	C/574/17	E2/UT/10/21	Beau Bois	Cypermethrin	0.32	N/A
36.	30.11.17	Brinjal	C/575/17	S2/8/272/17	L'Escalier	Fenthion	0.038	N/A
37.	30.11.17	Calabash	C/576/17	S2/5/271/17	St Avold	NDL	-	-
38.	30.11.17	Chayote (Chouchou)	C/577/17	S2/7/273/17	Camp Diable	NDL	-	-
39.	30.11.17	Calabash	C/578/17	S2/5/269/17	St Avold	NDL	-	-
40.	30.11.17	Brinjal	C/579/17	S2/5/270/17	St Avold	Fenthion	0.021	N/A

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

NDL - No detectable level.

MRL - Maximum Residue Level

N/A- Not available