

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 June 2017

Fifty six 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.

Three samples exceeded the Codex Maximum Residue Level.

Results of Analysis for farm Gate level

	Date received	Vegetables & Fruits	Lab. Code	Client Code	Locality	Pesticide detected	Amount detected (mg/kg)	CODEX MRL (mg/kg)
1	01.06.17	Sponge gourd	C/300/17	E ₁ /SP/06/13	N. Decouverte	NDL	-	-
2	01.06.17	Chouchou	C/301/17	E ₁ /SP/06/14	N. Decouverte	NDL	-	-
3	01.06.17	Cucumber	C/302/17	E ₁ /SP/06/15	L'avenir	NDL	-	-
4	01.06.17	Cucumber	C/303/17	PDC/S ₄ /17/10	Bananes	Metalaxyl	<0.01	0.5
5	01.06.17	Okra	C/304/17	PDC/S ₄ /17/11	Cluny	NDL	-	-
6	01.06.17	Chouchou	C/305/17	PDC/S ₄ /17/12	Mare chicose	NDL	-	-
7	01.06.17	Sponge gourd (Pipengaille)	C/308/17	N1/04/17/1328	Souvenir	NDL	-	-
8	01.06.17	Bittergourd	C/309/17	N1/04/17/1329	Souvenir	Tebuconazole Cypermethrin	<0.01 0.07	N/A 0.07
9	01.06.17	Lady's finger	C/310/17	N1/04/17/1330	Souvenir	Cypermethrin	0.03	0.5
10	01.06.17	Courgette	C/311/17	N1/04/17/1331	Souvenir	Cypermethrin	0.03	0.07
11	01.06.17	Brède Tom Pouce	C/312/17	N1/03/17/1332	Calebasses	Tebuconazole Cypermethrin	0.35 0.36	N/A 0.7
12	02.06.17	Banana (green)	C/319/17	CW/DA/06/01	P. Merlot	NDL	-	-
13	02.06.17	Chouchou	C/320/17	CW/DA/06/02	P. Merlot	NDL	-	-
14	02.06.17	Lettuce	C/321/17	CW/DA/06/03	Bel Terre	NDL	-	-
15	08.06.17	Chouchou	C/324/17	C/HE/06/01	Plaine Sophie	NDL	-	-
16	08.06.17	Green Papaya	C/325/17	C/HE/06/02	La Marie	NDL	-	-
17	08.06.17	Shallot	C/327/17	N2/3/17/333	Derningham	NDL	-	-
18	08.06.17	Queue D'Ail	C/328/17	N2/3/17/334	Derningham	Tebuconazole	< 0.01	Leek:0.7
19	08.06.17	Brède Blanc	C/329/17	N2/3/17/335	Derningham	NDL	-	-
20	08.06.17	Chilli (Long)	C/330/17	N2/4/17/336	Cinema cassé	Imidacloprid Metalaxyl Cypermethrin	0.14 0.08 0.27	1.0 1.0 2.0
21	08.06.17	Lady's finger	C/331/17	N2/3/17/337	Derningham	NDL	-	-

	Date received	Vegetables & Fruits	Lab. Code	Client Code	Locality	Pesticide detected	Amount detected (mg/kg)	CODEX MRL (mg/kg)
22	15.06.17	Rave	C/335/17	S1/8/219/17	Riambel	Profenofos Cypermethrin	0.02 0.02	0.05 0.01
23	15.06.17	Brinjal	C/336/17	S1/8/220/17	Riambel	Imidacloprid Cypermethrin	0.03 <0.01	0.2 0.03
24	15.06.17	Cabbage	C/337/17	S1/8/221/17	Bel Air	NDL	-	-
25	15.06.17	Lady's finger	C/338/17	E2/UT/06/18	Bon Accueil	Imidacloprid Cypermethrin	<0.01 <0.01	N/A 0.5
26	15.06.17	Sponge gourd (Pipengaille)	C/339/17	E2/UT/06/19	Q-Bords	NDL	-	-
27	15.06.17	Calabash	C/340/17	E2/UT/06/20	Bon Accueil	NDL	-	-
28	15.06.17	Chilli	C/341/17	N3/8/17/338	Lower Vale	NDL	-	-
29	15.06.17	Lady's finger	C/342/17	N3/8/17/339	Lower Vale	NDL	-	-
30	15.06.17	Calabash	C/343/17	N3/8/17/340	Lower Vale	NDL	-	-
31	15.06.17	Greens	C/344/17	N3/9/17/341	Bois Mangués	Cypermethrin	0.07	0.7
32	15.06.17	Brinjal	C/345/17	N3/8/17/342	Lower Vale	NDL	-	-
33	22.06.17	Cucumber	C/349/17	S2/5/239/17	St Avold	Metalaxyl	0.06	0.5
34	22.06.17	Cabbage	C/350/17	S2/4/240/17	Tyack	NDL	-	-
35	22.06.17	Tom Pouce	C/351/17	S2/4/241/17	Tyack	Imidacloprid	0.17	N/A
36	22.06.17	Brede Chouchou	C/352/17	CW/QB/06/04	Bel Rive	NDL	-	-
37	22.06.17	Cabbage	C/353/17	CW/QB/06/05	Vevoyenne	NDL	-	-
38	22.06.17	Chouchou	C/354/17	CW/QB/06/06	Dick	NDL	-	-
39	22.06.17	Brinjal	C/355/17	E ₃ /03/17/013	Kashinath	NDL	-	-
40	22.06.17	Calabash	C/356/17	E ₃ /03/17/014	Kashinath	NDL	-	-
41	22.06.17	Sponge gourd (Pipengaille)	C/357/17	E ₃ /03/17/015	Kashinath	Imidacloprid	<0.01	N/A
42	22.06.17	Chilli	C/358/17	N1/3/17/343	Arsenal	Imidacloprid Cypermethrin	0.09 0.45	1.0 2.0
43	22.06.17	Calabash	C/359/17	N1/3/17/344	Arsenal	NDL	-	-
44	22.06.17	Sponge gourd (Pipengaille)	C/360/17	N1/3/17/345	Arsenal	Cypermethrin	0.03	0.07
45	22.06.17	Pumpkin	C/361/17	N1/3/17/346	Arsenal	Cypermethrin	0.29	0.07
46	22.06.17	Brede Tom Pouce	C/362/17	N1/3/17/347	Arsenal	Cypermethrin Difenoconazole	2.82 0.13	0.7 N/A
47	29.06.17	Greens (Brede Chinois)	C/372/17	C/HE/06/03	Hollyrood	Metalaxyl Tebuconazole	0.01 0.01	N/A
48	29.06.17	Chouchou	C/373/17	C/HE/06/04	Mare Longue	NDL	-	-
49	29.06.17	English Cucumber	C/374/17	N2/1/17/348	Bon Air	Imidacloprid Metalaxyl Cypermethrin	0.01 0.03 0.07	1.0 0.5 0.07
50	29.06.17	Chilli	C/375/17	N2/1/17/349	Bon Air	Imidacloprid Pyraclostrobin	0.11 0.29	1.0 0.5
51	29.06.17	Brede de Chine	C/376/17	N2/1/17/350	Bon Air	NDL	-	-
52	29.06.17	Lady's Finger	C/377/17	N2/1/17/351	Bon Air	NDL	-	-
53	29.06.17	Tom Pouce	C/378/17	N2/1/17/352	Bon Air	NDL	-	-

	Date received	Vegetables & Fruits	Lab. Code	Client Code	Locality	Pesticide detected	Amount detected (mg/kg)	CODEX MRL (mg/kg)
54	29.06.17	Calabash	C/379/17	S ₃ /10/14/17	Pl. Land Settlement	Carbendazim Cypermethrin	0.11 0.01	N/A 0.07
55	29.06.17	Bittergourd	C/380/17	S ₃ /03/15/17	Mare D'Albert	Cypermethrin	0.05	0.07
56	29.06.17	Sponge gourd (Pipengaille)	C/381/17	S ₃ /03/16/17	Mare D'Albert	Cypermethrin	0.04	0.07

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

NDL - No detectable level.

MRL - Maximum Residue Level

N/A- Not available