

MINISTRY OF AGRO INDUSTRY & FOOD SECURITY*Agricultural Chemistry Division/Food Technology Laboratory**Agricultural Services, Réduit.**Tel: 465 7472/4661321/4661435 Fax: 466 1559 E-mail: moa-agric-chem@mail.gov.mu***Pesticide Residue Analysis for samples collected at farm gate level for the month of August 2016**

Fifty samples of vegetables and fruits from farm gate level were analysed for one or more of the following pesticide residues: azoxystrobin, boscalid, difenoconazole, hexaconazole, indoxacarb, fenthion, fluopicolid, lufenuron, metalaxyl, malathion, profenofos, pyraclostrobin, spiromesifen and thiodicarb. None of the sample exceeded the Codex Maximum Residue Level.

Results of Analysis for farm Gate level

	Date received	Vegetables & Fruits	Client Code	Lab. Code	Locality	Pesticide detected	Amount detected (mg/kg)	CODEX MRL (mg/kg)
1	04.08.16	Tomato	C/210/16	S2/5/213/16	Saint Arold	NDL	-	-
2	04.08.16	Tomato	C/211/16	S2/5/214/16	Saint Arold	NDL	-	-
3	04.08.16	Cabbage	C/212/16	S2/5/215/16	Saint Arold	Profenofos Metalaxyl	<0.01 0.04	N/A 0.5
4	04.08.16	Cucumber	C/213/16	S2/5/216/16	Saint Arold	Metalaxyl	0.01	0.5
5	04.08.16	Brinjal	C/214/16	N4/09/16/165	Haute Rive	NDL	-	-
6	04.08.16	Bean	C/215/16	N4/09/16/166	Haute Rive	NDL	-	-
7	04.08.16	Lettuce	C/216/16	N4/09/16/167	Plaine de Roches	NDL	-	-
8	04.08.16	Cauliflower	C/217/16	E ₁ /SP/08/20	Dagotiere	NDL	-	-
9	04.08.16	Lettuce	C/218/16	E ₁ /SP/08/21	La Laura	NDL	-	-
10	04.08.16	Cabbage	C/219/16	E ₁ /SP/08/22	La Laura	NDL	-	-
11	11.08.16	Lettuce	C/222/16	CW/QB/16/21	Cresson ville	NDL	-	-
12	11.08.16	Chouchou	C/223/16	CW/QB/16/22	Cresson ville	NDL	-	-
13	11.08.16	Tomato	C/224/16	N1/07/16/168	Buckingham	Metalaxyl Hexaconazole	<0.01 0.05	0.5 N/A
14	11.08.16	Coriander	C/225/16	N1/07/16/169	Robinson, Creve Coeur	NDL	-	-
15	11.08.16	Shallot	C/226/16	N1/07/16/170	Robinson, Creve Coeur	Metalaxyl	<0.01	N/A
16	11.08.16	Cabbage	C/227/16	S3/13/01/16	Glen Park	NDL	-	-
17	11.08.16	Pamplemousse	C/228/16	S3/14/02/16	Rose- Belle	NDL	-	-
18	11.08.16	Brede Chouchou	C/229/16	S3/15/02/16	Rose- Belle	NDL	-	-
19	11.08.16	Tomato	C/230/16	E2/UT/08/15	Tomato	NDL	-	-
20	11.08.16	Brinjal	C/231/16	E2/UT/08/16	Tomato	NDL	-	-
21	11.08.16	Papaya	C/232/16	E2/UT/08/17	Lallmatie	NDL	-	-
22	18.08.16	Cabbage	C/234/16	E ₁ /SP/08/26	Nouvelle Decouverte	NDL	-	-

	Date received	Vegetables & Fruits	Client Code	Lab. Code	Locality	Pesticide detected	Amount detected (mg/kg)	CODEX MRL (mg/kg)
23	18.08.16	Bean	C/235/16	E ₁ /SP/08/27	Malenga	Difenoconazole	0.03	0.7
24	18.08.16	Chilli	C/236/16	E ₁ /SP/08/28	Nouvelle Decouverte	NDL	-	-
25	18.08.16	Chinese Cabbage(Petsai)	C/237/16	PDC/S4/16/24	Mont Vernom	NDL	-	-
26	18.08.16	Carrot	C/238/16	PDC/S4/16/25	Beemanique	NDL	-	-
27	18.08.16	Beetroot	C/239/16	PDC/S4/16/26	Grand Sable	NDL	-	-
28	18.08.16	Calabash	C/240/16	N2/1/16/171	Fond du Sac	NDL	-	-
29	18.08.16	Pipengaille	C/241/16	N2/1/16/172	Fond du Sac	NDL	-	-
30	18.08.16	Cucumber	C/242/16	N2/1/16/173	Bon Air	NDL	-	-
31	18.08.16	Lady finger	C/243/16	N2/3/16/174	M. Nagan	NDL	-	-
32	18.08.16	Tom pouce (Green)	C/244/16	N2/1/16/175	Trou aux biches	NDL	-	-
33	18.08.16	Watercress	C/245/16	PDC/S4/16/27	Le Val	Difenoconazole	0.04	N/A
34	18.08.16	Chinese Cabbage(Petsai)	C/247/16	C/QB/08/03	Carreau Laliane	NDL	-	-
35	18.08.16	Lettuce	C/248/16	C/QB/08/01	Carreau Laliane	NDL	-	-
36	18.08.16	Cauliflower	C/249/16	C/QB/08/02	Clozel	NDL	-	-
37	25.08.16	Rave	C/259/16	S1/8/195/16	Riambel	NDL	-	-
38	25.08.16	Chinese Cabbage(Petsai)	C/260/16	S1/8/196/16	Riambel	NDL	-	-
39	25.08.16	Bittergourd	C/261/16	S1/8/197/16	Surinam	NDL	-	-
40	25.08.16	Bottlegourd	C/262/16	S1/8/198/16	Surinam	NDL	-	-
41	25.08.16	Brinjal (L)	C/263/16	S1/8/199/16	Riambel	NDL	-	-
42	25.08.16	Tomato	C/264/16	C/QB/08/04	Palma	Difenoconazole	0.06	Fruiting veg. 0.6
43	25.08.16	Green (Tom Pouce)	C/265/16	C/QB/08/05	Palma	NDL	-	-
44	25.08.16	Red Cabbage	C/266/16	C/QB/08/06	Palma	NDL	-	-
45	25.08.16	Cabbage	C/267/16	E ₃ /4/16/16	Choisy	NDL	-	-
46	25.08.16	Beans	C/268/16	E ₃ /4/16/17	Choisy	NDL	-	-
47	25.08.16	Spinach	C/269/16	E ₃ /4/16/18	Choisy	NDL	-	-
48	25.08.16	Thyme	C/270/16	N3/1/16/176	Pavillon	NDL	-	-
49	25.08.16	Cabbage	C/271/16	N3/1/16/177	Pavillon	NDL	-	-
50	25.08.16	Parsely	C/272/16	N3/1/16/178	Pavillon	Profenofos Spiromesifen	0.28 <0.01	N/A N/A

N.B.: Source CODEX MRL: FAO and WHO 2016

NDL - No detectable level.

MRL - Maximum Residue Level

N/A- Not available