

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

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

Thirty two 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.

Four samples exceeded the Codex Maximum Residue Level.

Results of Analysis for farm Gate level

	<b>Date received</b>	<b>Fruits &amp; Vegetables</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.	05.10.17	Cucumber	C/446/17	N2/3/17/366	Solitude	Metalaxyl Cypermethrin	< 0.01 0.068	0.5 0.07
2.	12.10.17	Pumpkin	C/450/17	CW/CW2/10/01	Carreau Laliane	Metalaxyl Cypermethrin	0.021 0.070	N/A 0.07
3.	12.10.17	Chayote (Chouchou)	C/451/17	CW/CW2/10/02	Carreau Laliane	NDL	-	-
4.	12.10.17	Cabbage	C/452/17	CW/CW2/10/03	Carreau Laliane	NDL	-	-
5.	12.10.17	Ginger	C/453/17	CW/CW2/10/04	Carreau Laliane	NDL	-	-
6.	12.10.17	Cucumber	C/454/17	CW/CW2/10/05	Carreau Laliane	NDL	-	-
7.	12.10.17	Sponge gourd (Pipengaille)	C/455/17	N1/04/17/368	Khoyratty	Tebuconazole	<0.01	N/A
8.	12.10.17	Snake gourd (Patole)	C/456/17	N1/04/17/369	Khoyratty	Tebuconazole	0.011	N/A
9.	12.10.17	Tomato	C/457/17	N1/04/17/370	Khoyratty	Cypermethrin	<0.01	0.2
10.	12.10.17	Calabash	C/458/17	N1/04/17/371	Khoyratty	NDL	-	-
11.	12.10.17	Bittergourd	C/459/17	N1/04/17/372	Khoyratty	NDL	-	-
12.	12.10.17	Cabbage	C/460/17	E1/SP/10/16	La Laura	Tebuconazole	<0.01	1.0
13.	12.10.17	Chinese Cabbage (petsai)	C/461/17	E1/SP/10/17	La Laura	Iprovalicarb Cypermethrin	1.88 0.16	N/A 1.0
<b>14.</b>	<b>12.10.17</b>	<b>Broccoli</b>	<b>C/462/17</b>	<b>E1/SP/10/18</b>	La Laura	<b>Cypermethrin</b>	<b>1.12</b>	<b>1.0</b>
15.	12.10.17	Greens (tom pouce)	C/464/17	S1/8/222/17	Riambel	Acetamiprid	0.04	N/A
16.	12.10.17	Cabbage	C/465/17	S1/8/223/17	Riambel	NDL	-	-
17.	12.10.17	Turnip (Rave)	C/466/17	S1/8/224/17	Riambel	NDL	-	-
18.	20.10.17	Lettuce	C/477/17	CW1/QB/10/004	Carreau Laliane	NDL	-	-
19.	20.10.17	Brinjal	C/478/17	CW1/QB/10/003	Carreau Laliane	NDL	-	-
20.	20.10.17	Spring onion	C/479/17	CW1/QB/10/001	Carreau Laliane	NDL	-	-

	<b>Date received</b>	<b>Fruits &amp; Vegetables</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>
21.	20.10.17	Parsley	C/480/17	CW1/QB/10/002	Carreau Laliane	NDL	-	-
22.	26.10.17	Asparagus bean (Voehm)	C/482/17	PDC/S3/17/16	Plaisance	Acetamiprid Cypermethrin	0.065 0.65	0.4 0.7
23.	26.10.17	Brinjal	C/483/17	PDC/S3/17/17	Deux Bras	Acetamiprid Cypermethrin	0.026 0.085	0.2 N/A
<b>24.</b>	<b>26.10.17</b>	<b>Bittergourd</b>	<b>C/484/17</b>	<b>PDC/S3/17/18</b>	<b>La Rosa</b>	<b>Cypermethrin</b>	<b>0.14</b>	<b>0.07</b>
25.	26.10.17	Asparagus bean (Voehm)	C/485/17	N3/5/17/373	Reunion Maurel	Cypermethrin	0.059	0.7
26.	26.10.17	Tomato	C/486/17	N3/5/17/374	Reunion Maurel	Cypermethrin	0.17	0.2
27.	26.10.17	Lady's finger	C/487/17	N3/5/17/375	Petit Raffrey	NDL	-	-
28.	26.10.17	Beans	C/488/17	N3/5/17/376	Petit Raffrey	NDL	-	-
<b>29.</b>	<b>26.10.17</b>	<b>Bittergourd</b>	<b>C/489/17</b>	<b>N3/5/17/377</b>	<b>Calodyne</b>	<b>Cypermethrin</b>	<b>0.21</b>	<b>0.07</b>
30.	26.10.17	Brinjal	C/490/17	E2/UT/10/16	-	NDL	-	-
31.	26.10.17	Calabash	C/491/17	E2/UT/10/17	-	NDL	-	-
<b>32.</b>	<b>26.10.17</b>	<b>Cucumber</b>	<b>C492/17</b>	<b>E2/UT/10/18</b>	-	Hexaconazole <b>Carbendazim</b>	0.011 <b>0.085</b>	N/A <b>0.05</b>

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

NDL - No detectable level.

MRL - Maximum Residue Level

N/A- Not available