

# MINISTRY OF AGRO INDUSTRY & FOOD SECURITY

Pesticides Regulatory Office, Réduit

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## Pesticide Residue Analysis for samples collected by Pesticides Regulatory Office for the Month of July 2022

Number of samples collected: **42**

Number of samples from farm gate level: **42**

Number of samples with pesticide residues exceeding MRL: **4**

Number of samples with pesticide residues not recommended on that crop: **6**

### 1. Results of analysis of samples collected at farm gate level

SN.	Fruits and Vegetables	Locality	Pesticides detected	Amount (mg/kg)	MRL (mg/kg)
1	Lettuce	Gentilly, Moka	Carbendazim Hexaconazole <b>Thiophanate-methyl</b>	0.22 0.13 <b>0.32 (Excess)</b>	NR NR <b>0.1</b>
2	Cucumber	Bois Cheri Road, Moka	Cypermethrin	0.028	0.07
3	Cucumber	Bois Cheri, Road, Moka	Metalaxyl	0.010	0.5
4	Tomato	Bois Cheri Road, Moka	Cypermethin Cyazofamid Lambda-cyhalothrin	0.016 0.026 0.019	0.2 0.6 0.3
5	Guava	Gentilly, Moka	NDL	-	-
6	Cabbage	Rivière Baptiste	NDL	-	-
7	Squash	Rivière Baptiste	NDL	-	-
8	Carrot	Rivière Baptiste	Cypermethrin Lambda-cyhalothrin	0.028 0.014	0.05 0.05
9	Tomato	Clemencia	<b>Cypermethrin</b> Metalaxyl	<b>2.09 (Excess)</b> 0.22	<b>0.2</b> 0.3
10	Cucumber	Clemencia	<b>Cypermethrin</b> Metalaxyl	<b>0.13 (Excess)</b> 0.23	<b>0.07</b> 0.23
11	English cucumber	Clemencia	<b>Cypermethrin</b> Metalaxyl	<b>0.16 (Excess)</b> 0.23	<b>0.07</b> 0.5
12	Pumpkin	St-Pierre	Cypermethrin	0.049	0.07

13	Eggplant	Morcellement St-André	<b>Imidacloprid</b>	0.060	<b>NR</b>
14	Tomato	Triolet	Azoxystrobin Difenoconazole	0.043 0.039	3 2
15	Tomato	Triolet	Azoxystrobin Difenoconazole	0.048 0.053	3 2
16	Tomato	Triolet	Azoxystrobin Difenoconazole	0.033 0.036	3 2
17	Tomato	Triolet	NDL	-	-
18	Tomato (Cherry)	Triolet	NDL	-	-
19	English cucumber	Triolet	NDL	-	-
20	Tomato (Salad)	Triolet	NDL	-	-
21	Tomato	Triolet	NDL	-	-
22	Lettuce	Gentilly, Moka	NDL	-	-
23	Lettuce	Gentilly, Moka	<b>Tebuconazole</b> <b>Trifloxystrobin</b> Lambda-cyhalothrin	0.066 0.024 0.062	<b>NR</b> <b>NR</b> 1
24	Lettuce	Gentilly, Moka	Lambda-cyhalothrin	0.028	1
25	Chinese cabbage (Petsai)	St-Martin	Chlorantraniliprole	0.30	2
26	Lettuce	St-Martin	NDL	-	-
27	Coriander	St-Martin	NDL	-	-
28	Chinese cabbage (Petsai)	St-Martin	NDL	-	-
29	Spring onion	St-Martin	NDL	-	-
30	Lettuce	St-Martin	NDL	-	-
31	Chinese cabbage (Petsai)	St-Martin	NDL	-	-
32	Lettuce	St-Martin	NDL	-	-
33	Lettuce	St-Martin	NDL	-	-

34	Broccoli	St-Martin	<b>Cypermethrin</b>	0.056	<b>NR</b>
35	Tomato	Camp de Masque Pavé	Deltamethrin Thiophanate-methyl	0.030 0.068	0.07 1
36	Cabbage	Camp de Masque Pavé	Chlorantraniliprole	0.014	2
37	Cucumber	Camp de Masque Pavé	Cypermethrin Thiophanate-methyl	0.033 0.017	0.07 0.5
38	Lettuce	Camp de Masque Pavé	<b>Cypermethrin</b>	0.27	<b>NR</b>
39	Tomato	Camp de Masque Pavé	Cypermethrin Acetamiprid Chlorantraniliprole Iprovalicarb	0.035 0.028 0.011 0.22	0.2 0.5 5.0 0.7
40	Tomato	Petite Cabane	Tebuconazole Thiophanate-methyl	0.040 0.059	0.9 1
41	Tomato	Mont Ida	Lambda-cyhalothrin	0.025	0.3
42	Tomato	Mont Ida	Cypermethrin Lambda-cyhalothrin <b>Imazalil</b>	0.031 0.023 0.014	0.2 0.3 <b>NR</b>

NB: Source MRL: The Use of Pesticides Act 2018

MRL – Maximum Residue Level

NDL – No Detectable Level

NR – Not Recommended on that Crop

25 August 2022