

# MINISTRY OF AGRO INDUSTRY & FOOD SECURITY

*Pesticides Regulatory Office, Réduit*

Tel: 401 2800

E-mail: [moapro22@gmail.com](mailto:moapro22@gmail.com)

---

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

Total number of samples collected: **65**

Number of samples from farm gate level: **34**

Number of samples from markets/supermarkets: **30**

Number of imported samples: **1**

Number of samples with pesticide residues exceeding MRL: **2**

Number of samples with pesticide residues not recommended on that crop: **13**

Number of Improvement Notices issued: **12**

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

<b>SN.</b>	<b>Fruits and Vegetables</b>	<b>Locality</b>	<b>Pesticides detected</b>	<b>Amount (mg/kg)</b>	<b>MRL (mg/kg)</b>
1	Broccoli	Curepipe	NDL	-	-
2	Tomato (Yellow)	Gros Cailloux	NDL	-	-
3	Tomato	Gros Cailloux	NDL	-	-
4	Cherry Tomato (Yellow)	Gros Cailloux	NDL	-	-
5	Lettuce	Gros Cailloux	NDL	-	-
6	Pawpaw	Gros Cailloux	NDL	-	-
7	Banana (Green)	Gros Cailloux	<b>Azoxystrobin</b> <b>Cypermethrin</b> <b>Difenoconazole</b>	0.090 0.043 0.088	<b>NR</b> <b>NR</b> <b>NR</b>
8	Lettuce	Gros Cailloux	NDL	-	-
9	Chilli	Gros Cailloux	Metalaxyl	0.42	0.5
10	Pineapple	Gros Cailloux	Cypermethrin	0.035	5

11	Lettuce	Gros Cailloux	NDL	-	-
12	Bean	La Forêt, La Marie	NDL	-	-
13	Beetroot	La Forêt, La Marie	NDL	-	-
14	Carrot	La Forêt, La Marie	NDL	-	-
15	Carrot	La Forêt, La Marie	NDL	-	-
16	Zucchini	La Forêt, La Marie	Methoxyfenoxide	0.025	0.3
17	Carrot	La Forêt, La Marie	NDL	-	-
18	Onion	La Forêt, La Marie	NDL	-	-
19	Chayote	La Forêt, La Marie	NDL	-	-
20	Chayote	La Marie	NDL	-	-
21	Tomato	La Marie	<b>Acetamiprid</b> Azoxystrobin Chlorantraniliprole Difenoconazole <b>Mandipropamid</b> <b>Metalaxyl</b>	0.020 0.085 0.027 0.096 0.017 0.016	<b>NR</b> 3 5 2 <b>NR</b> <b>NR</b>
22	Bell Pepper	La Marie	Difenoconazole Metalaxyl <b>Pyraclostrobin</b>	0.095 0.30 0.20	0.6 0.5 <b>NR</b>
23	Lettuce	St-Pierre	NDL	-	-
24	Lettuce	St-Pierre	NDL	-	-
25	Chinese White Cabbage (Tom Pouce)	St-Pierre	NDL	-	-
26	Lettuce	Phoenix	NDL	-	-
27	Tomato	Phoenix	<b>Buprofezin</b> <b>Imidacloprid</b>	0.040 0.015	<b>NR</b> <b>NR</b>
28	<b>Bell Pepper (Mix)</b>	<b>Phoenix</b>	<b>Buprofezin</b> Carbendazim <b>Hexanoconazole</b>	0.046 0.015 <b>0.038 (Excess)</b> 0.22	<b>NR</b> 0.1 <b>0.01</b> 0.1

			Thiophanate-methyl		
29	Carrot	La Marie	NDL	-	-
30	Squash	La Marie	NDL	-	-
31	Chayote	La Forêt, La Marie	NDL	-	-
32	Beetroot	La Forêt, La Marie	NDL	-	-
33	Cabbage	La Marie	Methoxyfenozide	0.11	3.0
34	Beetroot	La Marie	NDL	-	-

## 2. Results of analysis of samples collected at super markets and auction markets

SN.	Fruits and Vegetables	Super/Auction Market	Pesticides detected	Amount (mg/kg)	MRL (mg/kg)
1	Lettuce	Réunion, Vacoas	NDL	-	-
2	Beetroot	Réunion, Vacoas	<b>Metalaxyl</b>	0.018	<b>NR</b>
3	Tomato	Réunion, Vacoas	Acetamiprid Boscalid Tebuconazole Pyraclostrobin	0.079 0.11 0.025 0.015	0.5 3 0.9 0.3
4	Bottle-gourd	Réunion, Vacoas	NDL	-	-
5	Eggplant	Réunion, Vacoas	Acetamiprid <b>Imidacloprid</b>	0.022 0.10	0.2 <b>NR</b>
6	Tomato	Réunion, Vacoas	Thiophanate-methyl	0.094	1.0
7	Banana	Réunion, Vacoas	NDL	-	-
8	Potato	Réunion, Vacoas	NDL	-	-
9	Ginger	Abercombie	<b>Tebuconazole</b>	1.4	<b>NR</b>
10	Taro Leaves	Abercombie	NDL	-	-
11	Cassava	Abercombie	NDL	-	-

12	Chinese Cabbage (Petsai)	Abercombie	<b>Cypermethrin</b>	0.027	<b>NR</b>
13	Banana	Abercombie	NDL	-	-
14	<b>Potato</b>	<b>Abercombie</b>	<b>Cyromazine</b>	<b>0.087 (Excess)</b>	<b>0.05</b>
15	Bean	Abercombie	Lambda-cyhalothrin	0.038	0.2
16	Eggplant	Abercombie	Acetamiprid	0.048	0.2
17	Tomato	Curepipe	NDL	-	-
18	Lettuce	Curepipe	<b>Trifloxystrobin</b>	0.23	<b>NR</b>
19	Tomato	Curepipe	<b>Piperonyl butoxide</b>	0.022	<b>NR</b>
20	Banana	Curepipe	NDL	-	-
21	Onion	Curepipe	NDL	-	-
22	Tomato	Curepipe	NDL	-	-
23	Chinese White Cabbage (Tom Pouce)	St. Pierre	Chlorantraniliprole	0.012	2.0
24	Chayote greens	St. Pierre	NDL	-	-
25	Chinese Cabbage (Petsai)	St. Pierre	<b>Azoxystrobin</b> Chlorantraniliprole Difenoconazole	0.022 0.020 0.022	<b>NR</b> 2.0 1.0
26	Lettuce	St. Pierre	NDL	-	-
27	English Cucumber	St. Pierre	NDL	-	-
28	Lettuce	St. Pierre	<b>Azoxystrobin</b> <b>Difenoconazole</b>	1.1 0.96	<b>NR</b> <b>NR</b>
29	Bottle-gourd	St. Pierre	NDL	-	-
30	Eggplant	St. Pierre	NDL	-	-

### **3. Results of analysis from imported samples**

<b>SN.</b>	<b>Fruits and Vegetables</b>	<b>Pesticides detected</b>	<b>Amount (mg/kg)</b>	<b>MRL (mg/kg)</b>
1	Apple (Red)	NDL	-	-

NB: Source MRL: The Use of Pesticides Act 2018 and Codex Alimentarius

MRL – Maximum Residue Level

NDL – No Detectable Level

NR- Not Recommended on that Crop