

**Pesticide Residue Analysis for samples collected by Pesticides Regulatory Office for the  
Month of November 2021**

Number of samples collected: **59**

Number of samples from farm gate level: **41**

Number of samples from auction sale/supermarkets: **15**

Number of imported samples: **3**

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

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

**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	Bean	L'Avenir	Cypermethrin	0.30	0.7
2	Tomato	L'Avenir	Acetamiprid Cypermethrin	0.015 0.049	0.5 0.2
3	Chinese white cabbage (white petiole)	La Laura	<b>Cypermethrin</b>	0.37	<b>NR</b>
4	Potato	Rivière Baptiste	Cyromazine Propamocarb	0.049 0.011	0.05 0.3
5	Bean	La Laura	Acetamiprid Chlorantraniliprole Metalaxyl	0.025 0.058 0.16	0.6 0.8 0.02
6	Beetroot	Rivière Baptiste	NDL	-	-
7	Tomato	Rivière Baptiste	Cypermethrin	0.19	0.2
8	Eggplant	Rivière Baptiste	NDL	-	-
9	Lettuce	Rivière Baptiste	<b>Cypermethrin</b>	0.070	<b>NR</b>
10	Parsley	St-Martin	<b>Cyromazine Tebuconazole</b>	0.042 0.099	<b>NR NR</b>

11	Beetroot	St-Martin	NDL	-	-
12	Cauliflower	St-Martin	NDL	-	-
13	Beetroot	St-Martin	NDL	-	-
14	Lettuce	St-Martin	NDL	-	-
15	Onion	St-Martin	NDL	-	-
16	Cauliflower	St-Martin	NDL	-	-
17	Cauliflower	St-Martin	NDL	-	-
18	Onion	La Ferme	NDL	-	-
19	Lettuce	Terre Rouge	<b>Cypermethrin</b> <b>Metalaxyl</b>	5.5 0.030	<b>NR</b> <b>NR</b>
20	Mint	Terre Rouge	<b>Cypermethrin</b> <b>Metalaxyl</b>	58 1.8	<b>NR</b> <b>NR</b>
21	Spring onion	Terre Rouge	<b>Cypermethrin</b>	3.9	<b>NR</b>
22	Lettuce	Terre Rouge	<b>Carbendazim</b> <b>Cypermethrin</b> Cyromazine <b>Thiophanate-</b> <b>methyl</b> <b>Metalaxyl</b>	0.15 12 0.18 <b>0.13</b> <b>(Excess)</b> 0.017	<b>NR</b> <b>NR</b> 3.0 <b>0.1</b> <b>NR</b>
23	Spring onion	Terre Rouge	<b>Cyromazine</b> <b>Cypermethrin</b>	<b>0.31</b> <b>(Excess)</b> 2.7	<b>0.05</b> <b>NR</b>
24	Lettuce	Terre Rouge	NDL	-	-
25	Chinese cabbage (Petsai frisée)	Terre Rouge	NDL	-	-
26	Chinese white cabbage (Tompouce)	Terre Rouge	NDL	-	-

27	Mint	Terre-Rouge	NDL	-	-
28	Chayote	Floréal	NDL	-	-
29	Onion	La Brasserie	NDL	-	-
30	Onion	La Brasserie	NDL	-	-
31	Carrot	La Brasserie	Linuron	0.038	0.2
32	Onion	La Brasserie	NDL	-	-
33	Cabbage	La Brasserie	NDL	-	-
34	Chayote	Plaine Sophie 2	NDL	-	-
35	Onion	Plaine Sophie 2	<b>Azoxystrobin</b> Difenoconazole	0.030 0.029	<b>NR</b> 0.5
36	Leek	Curepipe	NDL	-	-
37	Onion	Curepipe	<b>Azoxystrobin</b> <b>Difenoconazole</b> <b>Cypermethrin</b>	0.015 0.013 0.094	<b>NR</b> 0.5 <b>NR</b>
38	Onion	Curepipe	<b>Cypermethrin</b>	0.098	<b>NR</b>
39	Cucumber	Beau Champ	NDL	-	-
40	Eggplant	Beau Champ	NDL	-	-
41	Tomato	Palmar	NDL	-	-

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

<b>SN.</b>	<b>Fruits and Vegetables</b>	<b>Super/Auction Market</b>	<b>Pesticides detected</b>	<b>Amount (mg/kg)</b>	<b>MRL (mg/kg)</b>
1	Chinese chives (Queue d'ail)	Market Fare-Abercombie	NDL	-	-
2	Amaranthus	Market Fare-Abercombie	<b>Acetamiprid</b>	0.017	<b>NR</b>
3	Taro leaves (Brède songe)	Market Fare-Abercombie	NDL	-	-

4	Turnip	Market Fare- Abercombie	NDL	-	-
5	Taro (Arouille)	Market Fare- Abercombie	NDL	-	-
6	Ginger	Market Fare- Abercombie	NDL	-	-
7	Eggplant	Market Fare- Abercombie	NDL	-	-
8	Snake gourd	Market Fare- Abercombie	NDL	-	-
9	Cabbage	Market Fare- Abercombie	NDL	-	-
10	Carrot	Market Fare- Abercombie	NDL	-	-
11	Ridge gourd	Market Fare- Abercombie	NDL	-	-
12	Cauliflower	Market Fare- Abercombie	<b>Acetamiprid</b> <b>Azoxystrobin</b> Difenoconazole	0.10 0.12 0.12	<b>NR</b> <b>NR</b> 2
13	Bottle-gourd	Market Fare- Abercombie	NDL	-	-
14	Cassava	Market Fare- Abercombie	NDL	-	-
15	Chayote	Market Fare- Abercombie	NDL	-	-

### 3. Results of analysis from imported samples

SN.	Fruits and Vegetables	Pesticides detected	Amount (mg/kg)	MRL (mg/kg)
1	Grapes	Acetamiprid Metalaxyl	0.010 0.012	0.5 0.1
2	Lime	NDL	-	-
3	Pomegranate	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