

**Pesticide Residue Analysis for samples collected by Pesticides Regulatory Office for the  
Month of January 2019**

Total number of samples analysed: 76

Number of samples from farm gate level: 39

Number of samples from supermarkets: 16

Number of imported samples: 21

Number of samples with pesticide residues exceeding MRL- 1

Number of samples with pesticide residues not recommended- 12

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

SN.	Fruits and Vegetables	Locality	Pesticides detected	Amount (mg/kg)	MRL (mg/kg)
1.	Tomato	L'Escalier	Imidacloprid	0.014	NS
2.	Bottle gourd	Camp Diable	NDL	-	-
3.	Bottle gourd	Bois Marchand	NDL	-	-
4.	Eggplant	Bois Marchand	NDL	-	-
5.	Ladyfinger	Haute Rive	Imidacloprid	0.015	NS
6.	Cucumber	Haute Rive	NDL	-	-
7.	Chilli	Haute Rive	NDL	-	-
8.	Eggplant	Belvédère	NDL	-	-
9.	Tomato (Yellow Variety)	St Julien Village	NDL	-	-
10.	Snake gourd	L'Aventure	Boscalid	0.024	NS
11.	Bitter gourd	L'Aventure	NDL	-	-
12.	Eggplant	L'Aventure	NDL	-	-
13.	Bitter gourd	Khoyratty	NDL	-	-
14.	Bottle gourd	Khoyratty	NDL	-	-
15.	Cabbage	Quinze Cantons	NDL	-	-

16.	Bean	Carreau Laliane	NDL	-	-
17.	Lettuce	Carreau Laliane	NDL	-	-
18.	Bottle gourd	St Pierre	NDL	-	-
19.	Bottle gourd	Rivière des Anguilles	NDL	-	-
20.	Bottle gourd	Rivière des Anguilles	NDL	-	-
21.	Bottle gourd	Solitude	NDL	-	-
22.	Bottle gourd	Cote d'Or	NDL	-	-
23.	Cucumber	Cote d'Or	NDL	-	-
24.	Bottle gourd	Riambel	NDL	-	-
25.	Bottle gourd	Saint Avoild	Metalaxyl	0.026	0.5
26.	Bottle gourd	Mare Tabac	Metalaxyl	0.015	0.5
27.	Chilli	Solitude	NDL	-	-
28.	Bottle gourd	Bananes	NDL	-	-
29.	Bottle gourd	Camp Fouquereaux	NDL	-	-
30.	Eggplant	Camp Fouquereaux	NDL	-	-
31.	Tomato	Bonnefin, Forest Side	NDL	-	-
32.	Ladies finger	Riambel	Imidacloprid	0.013	NS
33.	Eggplant	Riambel	Carbendazim Ametryn	0.020 0.015	NS NS
34.	Eggplant	Riambel	NDL	-	-
35.	Bottle gourd	Rose Belle	NDL	-	-
36.	Eggplant	Le Bouchon	NDL	-	-
37.	Lady finger	Mare Tabac	NDL	-	-
38.	Tomato	Roche Terre	Imidacloprid	0.014	NS
39.	Bottle gourd	Fond du Sac	NDL	-	-

## 2. Results of analysis of samples from Supermarkets

SN.	Fruits and Vegetables	Pesticides detected	Amount (mg/kg)	MRL (mg/kg)
1.	Brède Blanc	Tebuconazole	0.015	NS
2.	Gherkin	NDL	-	-
3.	Cabbage	NDL	-	-
4.	Beetroot	NDL	-	-
5.	Carrot	NDL	-	-
6.	Cucumber	NDL	-	-
7.	Bottle gourd	Azoxystrobin	0.022	NS
8.	Potato	Propamocarb	0.015	0.3
9.	Brède Tom pouce	Difenoconazole	0.055	NS
10.	Watercress	Difenoconazole	0.50	NS
11.	Carrot	NDL	-	-
12.	English Cucumber	NDL	-	-
13.	Bean	Carbendazim	0.023	NS
14.	Tomato	Difenoconazole	0.016	2.0
15.	Bottle gourd	NDL	-	-
16.	Cabbage	NDL	-	-

## 3. Results of analysis from imported samples

SN.	Fruits and Vegetables	Pesticides detected	Amount (mg/kg)	MRL (mg/kg)
<b>1.</b>	<b>Sweet Pepper (yellow)</b>	Carbendazim	0.064	0.1
		<b>Flusilazole</b>	<b>0.012</b>	<b>0.01</b>
		<b>Propiconazole</b>	<b>0.038</b>	<b>0.01</b>
		<b>Thiophanate methyl</b>	<b>0.42</b>	<b>0.1</b>

2.	Sweet Pepper (red)	Carbendazim	0.067	0.1
3.	Lettuce	NDL	-	-
4.	Lime	Profenofos	0.015	NS
5.	Parsley	NDL	-	-
6.	Snowpea	NDL	-	-
7.	Baby spinach	NDL	-	-
8.	Baby marrow	NDL	-	-
9.	Baby squash	NDL	-	-
10.	Broccoli	NDL	-	-
11.	Grapes	Boscalid Imidacloprid	0.178 0.033	5 1
12.	Lime	NDL	-	-
13.	Parsley	Methomyl	0.840	0.02
14.	Strawberry	Metalaxyl Pyraclostrobin Boscalid Carbendazim	0.027 0.011 0.049 0.038	0.05 1.5 3 0.1
15.	Lime	NDL	-	-
16.	Broccoli	NDL	-	-
17.	Lettuce	NDL	-	-
18.	Lettuce	NDL	-	-
19.	Cauliflower	NDL	-	-
20.	Broccoli	NDL	-	-
21.	Lettuce	NDL	-	-

N. B: Source for MRL: The Use of Pesticides Act 2018, Codex Alimentarius, European Union Pesticides Database

MRL – Maximum Residue Level

NDL – No Detectable Level

NS – Not Specified