

**Pesticide Residue Analysis for samples collected by Pesticides Regulatory Office for the
month of December 2019**

Number of samples from Pesticides Regulatory Office: 73

Number of samples from farm gate level: 16

Number of samples from auction sale: 49

Number of imported samples: 8

Number of samples with pesticide residues exceeding MRL: 0

Number of samples with pesticide residues not recommended: 15

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	Cauliflower	Camp Leveux	Thiacloprid	< 0.010	NS
2	Onion	Camp Leveux	NDL	-	-
3	Onion	Roches Brunes	NDL	-	-
4	Onion	Beau Bassin	Acetamiprid Cypermethrin Tebuconazole	0.015 0.051 0.029	NS NS NS
5	Snake gourd	Triolet	NDL	-	-
6	Bean	Triolet	Cypermethrin	0.024	0.7
7	Tomato	Triolet	Carbendazim Thiophanate Methyl Cypermethrin	0.010 0.12 0.017	NS 1.0 0.2
8	Bitter gourd	Triolet	Cypermethrin	0.036	0.07
9	Carrot	Triolet	NDL	-	-
10	Lettuce	Triolet	NDL	-	-
11	Chayote	Triolet	NDL	-	-
12	Bottle gourd	Triolet	NDL	-	-
13	Cabbage	Arsenal	NDL	-	-

14	Cabbage	Vacoas	Fipronil	< 0.010	NS
15	Cabbage	Plaine Sophie	Fipronil	< 0.025	NS
16	Chayote	Plaine Sophie	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	Pumpkin	St. Pierre	Propamocarb	0.15	5
2	Chayote greens	St. Pierre	NDL	-	-
3	Carrot	St. Pierre	NDL	-	-
4	Lettuce	St. Pierre	Carbendazim Propamocarb	0.019 0.032	NS NS
5	Bottle gourd	St. Pierre	NDL	-	-
6	Tomato	St. Pierre	NDL	-	-
7	Bottle gourd	St. Pierre	Metalaxyl	0.011	0.05
8	Tomato	St. Pierre	Cyromazine Cypermethrin	0.13 0.18	0.6 0.4
9	Carrot	St. Pierre	NDL	-	-
10	Pumpkin	Cascavelle	Propamocarb	0.079	5
11	Carrot	Cascavelle	Cyromazine	0.010	NS
12	Tomato	Cascavelle	NDL	-	-
13	Sweet pepper	Cascavelle	Metalaxyl	< 0.010	0.5
14	Tomato	Cascavelle	NDL	-	-
15	Potato	Cascavelle	NDL	-	-
16	Chayote	Cascavelle	NDL	-	-

17	Zucchini	Cascavelle	NDL	-	-
18	Tomato	Cascavelle	Acetamiprid Metalaxyl	0.10 0.049	NS 0.3
19	Sweet pepper	St-Paul	NDL	-	-
20	Carrot	St-Paul	NDL	-	-
21	Zucchini	St-Paul	NDL	-	-
22	Banana	St-Paul	Lambda Cyhalothrin	0.014	0.1
23	Beetroot	St-Paul	Cyromazine	< 0.010	0.05
24	Onion	St-Paul	Acephate Boscalid Oxamyl	0.022 0.017 0.016	NS NS NS
25	Potato	St-Paul	NDL	-	-
26	Garlic	St-Paul	NDL	-	-
27	Ginger	St-Paul	NDL	-	-
28	Pineapple	St-Paul	NDL	-	-
29	Tomato	Wooton	Thiophanate-Methyl	0.012	1.0
30	Tomato	Wooton	Metalaxyl Thiophanate-methyl	< 0.010 0.070	0.3 1.0
31	Banana	Wooton	NDL	-	-
32	Water melon	Wooton	Cyromazine	0.020	0.5
33	Sweet pepper	Wooton	NDL	-	-
34	Pineapple	Wooton	NDL	-	-
35	Mango	Wooton	NDL	-	-
36	Chinese white cabbage (white petiole)	Wooton	Lamda-cyhalothrin	0.21	NS
37	Mint	Wooton	Boscalid Hexaconazole Zoxamide Cypermethrin	0.015 0.036 < 0.010 0.23	NS NS NS NS

38	Celery	Wooton	Metalaxyl Methamidophos Tebuconazole	0.013 < 0.010 0.056	NS NS NS
39	Amaranthus	Wooton	NDL	-	-
40	Lettuce	Wooton	NDL	-	-
41	Carrot	Rose-Hill	Cyromazine	0.023	NS
42	Leek	Rose-Hill	NDL	-	-
43	Sweet pepper	Rose-Hill	Azoxystrobin Difenoconazole Imidacloprid Metalaxyl Thiophanate methyl	0.015 0.02 0.025 0.013 0.012	3 0.6 NS NS 0.1
44	Chayote greens	Rose-Hill	NDL	-	-
45	Amaranthus	Rose-Hill	NDL	-	-
46	Potato	Rose-Hill	NDL	-	-
47	Tomato	Beau Bassin	NDL	-	-
48	Carrot	Beau Bassin	NDL	-	-
49	Tomato	Beau Bassin	Boscalid	0.054	NS

3. Results of analysis from imported samples

SN.	Fruits and Vegetables	Pesticides detected	Amount (mg/kg)	MRL (mg/kg)
1	Bean	NDL	-	-
2	Pear	Fludioxonil Thiacloprid	0.55 < 0.010	5.0 0.3
3	Apple	NDL	-	-
4	Apple	Thiacloprid	0.016	0.3
5	Peach	Fenbuconazole Pyrimethranil	0.060 0.045	
6	Cabbage	NDL	-	-

7	Butternut	NDL	-	-
8	Nectarine	Pyrimethanil	1.29	4

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

MRL – Maximum Residue Level

NDL – No Detectable Level

NS – Not Specified