

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

Number of samples from Pesticides Regulatory Office: 79

Number of samples from farm gate level: 18

Number of samples from supermarkets/markets/auction markets: 56

Number of imported samples: 5

Number of samples with pesticide residues exceeding MRL: 1

Number of samples with pesticide residues not recommended: 13

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	Chilli	Palma	NDL	-	-
2	Onion	Belle Mare	NDL	-	-
3	Tomato	Poste de Flacq	Acetamiprid	0.034	NS
4	Tomato	Poste de Flacq	Acetamiprid	0.18	NS
5	Cucumber	Poste de Flacq	Propamocarb	0.010	5.0
6	Sweet Pepper	Poste de Flacq	NDL	-	-
7	Sweet Pepper	Poste de Flacq	NDL	-	-
8	Sweet Pepper	Poste de Flacq	NDL	-	-
9	Maize	Cote D'Or	NDL	-	-
10	Bottle gourd	Pont Bon Dieu	NDL	-	-
11	Cucumber	Poste de Flacq	NDL	-	-
12	Carrot	Cluny	NDL	-	-

13	Chayote	Cluny	Tebuconazole	< 0.010	0.2
14	Chayote	St Julien	NDL	-	-
15	Chinese white cabbage (white petiole)	Dagotiere	NDL	-	-
16	Turnip	Rose-Belle	Acetamiprid Metalaxyl	0.011 0.011	NS NS
17	Sweet Potato	Rose-Belle	NDL	-	-
18	Banana	Rose-Belle	NDL	-	-

2. Results of analysis of samples collected at super markets/ markets/ auction markets

SN.	Fruits and Vegetables	Market	Pesticides detected	Amount (mg/kg)	MRL (mg/kg)
1	Carrot	St-Pierre	NDL	-	-
2	Pumpkin	St-Pierre	NDL	-	-
3	Watercress	St-Pierre	NDL	-	-
4	Carrot	St-Pierre	NDL	-	-
5	Bottle gourd	St-Pierre	NDL	-	-
6	Snake gourd	St-Pierre	Metalaxyl	0.045	0.5
7	Chayote	St-Pierre	NDL	-	-
8	Bean	St-Pierre	NDL	-	-
9	Chinese cabbage	St-Pierre	NDL	-	-
10	Chayote greens	St-Pierre	NDL	-	-
11	Pumpkin	St-Pierre	NDL	-	-
12	Bean	Rose-Belle	Carbendazim Spiromesifen	< 0.010 0.015	NS 1.0

13	Tomato	Rose-Belle	NDL	-	-
14	Tomato	Rose-Belle	NDL	-	-
15	Chines cabbage	Rose-Belle	NDL	-	-
16	Sweet pepper	Rose-Belle	Acetamiprid Hexaconazole Metalaxyl Carbendazim Spiromesifen	0.031 0.011 0.070 < 0.010 < 0.010	NS NS 0.5 NS 0.5
17	Eggplant	Rose-Belle	NDL	-	-
18	Cucumber	Rose-Belle	NDL	-	-
19	Chinese white cabbage (white petiole)	Rose-Belle	Carbendazim	0.035	NS
20	Beetroot	Rose-Belle	NDL	-	-
21	Tomato	Rose-Belle	NDL	-	-
22	Bottlegourd	Rose-Belle	NDL	-	-
23	Pumpkin	Rose-Belle	NDL	-	-
24	Lettuce	Rose-Belle	Carbendazim	0.013	NS
25	Turnip	Rose-Belle	NDL	-	-
26	Tomato	Rose-Belle	NDL	-	-
27	Carrot	Rose-Belle	NDL	-	-
28	Zucchinni	Rose-Belle	Pyraclostrobin	< 0.010	NS
29	Tomato	Rose-Belle	Tebuconazole	0.105	0.9
30	Squash	Rose-Belle	NDL	-	-
31	Beetroot	Rose-Belle	NDL	-	-

32	Cauliflower	Rose-Belle	Spinosad	0.045	2.0
33	Turnip	Rose-Belle	NDL	-	-
34	Sponge gourd	Rose-Belle	NDL	-	-
35	Zucchini	Rose-Belle	NDL	-	-
36	Chinese cabbage	Rose-Belle	NDL	-	-
37	Tomato	Rose-Belle	NDL	-	-
38	Squash	Rose-Belle	NDL	-	-
39	Beetroot	Rose-Belle	NDL	-	-
40	Tomato	Flacq	Boscalid Imidacloprid	0.021 0.021	NS NS
41	Sweet Pepper	Flacq	Axoxystrobin Piperonyl Butoxide	< 0.010 0.018	10.0 NS
42	Carrot	Flacq	Piperonyl Butoxide	0.018	NS
43	Cucumber	Flacq	Thiophanate- methyl	< 0.010	0.5
44	Tomato	Flacq	NDL	-	-
45	Chayote	Flacq	NDL	-	-
46	Cucumber	Flacq	NDL	-	-
47	Carrot	Flacq	NDL	-	-
48	Tomato	Flacq	Thiophanate- methyl	0.017	1.0
49	Tomato	Flacq	NDL	-	-
50	Chayote	Flacq	NDL	-	-
51	Carrot	Flacq	NDL	-	-
52	Cabbage	Flacq	Acephate Tebuconazole	0.014 0.023	NS 0.7
53	Sweet pepper	Flacq	NDL	-	-

54	Eggplant	Flacq	NDL	-	-
55	Potato	Flacq	NDL	-	-
56	Chilli	Flacq	Imidacloprid	0.038	NS

3. Results of analysis from imported samples

SN.	Fruits and Vegetables	Pesticides detected	Amount (mg/kg)	MRL (mg/kg)
1	Pomegranate	Imidacloprid	0.030	1
2	Lime	Profenofos	< 0.010	0.01
3	Lettuce	NDL	-	-
4	Strawberry	Boscalid Pyraclostrobin	0.20 0.045	3 1.5
5	Avocado	Tebuconazole	0.035	0.02

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

MRL – Maximum Residue Level

NDL – No Detectable Level

NS – Not Specified