

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

Number of samples from Pesticides Regulatory Office: 84

Number of samples from farm gate level: 35

Number of samples from markets: 47

Number of imported samples: 2

Number of samples with pesticide residues exceeding MRL: 0

Number of samples with pesticide residues not recommended: 11

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

Sample No.	Fruits and Vegetables	Locality	Pesticides detected	Amount (mg/kg)	MRL (mg/kg)
1	Carrot	Plaine Sophie	NDL	-	-
2	Carrot	Plaine Sophie	NDL	-	-
3	Carrot	Plaine Sophie	NDL	-	-
4	Carrot	Plaine Sophie	NDL	-	-
5	Beetroot	Plaine Sophie	NDL	-	-
6	Coriander	Plaine Sophie	Propamocarb	0.010	0.05
7	Cabbage	Plaine Sophie	NDL	-	-
8	Tomato	Cluny	Boscalid Difeconazole Furathiocarb Metalaxyl Methiocarb Phenmedipham	0.037 0.018 0.012 0.024 0.032 0.013	NS 2 NS 0.3 NS NS
9	Sweet Pepper	Cluny	NDL	-	-
10	Onion	Vacoas	NDL	-	-
11	Chayote greens	Vacoas	NDL	-	-
12	Sweet pepper	Montagne Longue	NDL	-	-

13	Squash	Montagne Longue	NDL	-	-
14	Cabbage	Vacoas	NDL	-	-
15	Sweet pepper	Vacoas	NDL	-	-
16	Squash	Vacoas	NDL	-	-
17	Zucchini	Vacoas	Boscalid Metalaxyl	0.060 0.091	NS 0.5
18	Beetroot	Vacoas	Boscalid Metalaxyl	0.030 0.62	NS NS
19	Carrot	Poste De Flacq	NDL	-	-
20	Zucchini	Camp Fouquereaux	Metalaxyl	0.022	0.5
21	Chayote	Camp Fouquereaux	NDL	-	-
22	Carrot	Vacoas	NDL	-	-
23	Carrot	Belle Rose	NDL	-	-
24	Cabbage	St Pierre	NDL	-	-
25	Carrot	St Pierre	NDL	-	-
26	Beetroot	St Pierre	NDL	-	-
27	Cabbage	St Pierre	NDL	-	-
28	Chinese white cabbage (green petiole)	St Pierre	NDL	-	-
29	Parsley	St Pierre	Difeconazole	0.21	NS
30	Chayote greens	St Pierre	Difeconazole	0.010	NS
31	Chinese white cabbage (green petiole)	St Pierre	NDL	-	-
32	Mint	St Pierre	Acetamiprid Difeconazole	0.60 0.18	NS NS
33	Lettuce	St-Julien d'Hotman	Imidacloprid Metalaxyl	0.010 0.010	NS NS

34	Tomato	Lallmatie	NDL	-	-
35	Lettuce (mixed)	Morcellement St André	NDL	-	-

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

SN.	Fruits and Vegetables	Market	Pesticides detected	Amount (mg/kg)	MRL (mg/kg)
1	Zucchini	Riche Terre	NDL	-	-
2	Pumpkin	Riche Terre	NDL	-	-
3	Squash	Riche Terre	NDL	-	-
4	Carrot	Riche Terre	NDL	-	-
5	Bean	Riche Terre	Cyromazine	0.073	5
6	Broccoli	Riche Terre	Thiamethoxam Acetamiprid	0.029 < 0.010	0.3 0.4
7	Potato	Riche Terre	Pencycuron	0.010	NS
8	Zucchini	Grand Bay	NDL	-	-
9	Carrot	Grand Bay	NDL	-	-
10	Squash	Grand Bay	Metalaxyl	0.015	0.2
11	Tomato	Grand Bay	Iprovalicarb	0.021	0.7
12	Cabbage	Grand Bay	NDL	-	-
13	Pumpkin	Grand Bay	Metalaxyl	0.042	0.5
14	Tomato	Grand Bay	NDL	-	-
15	Cucumber	Grand Bay	NDL	-	-
16	Squash	Grand Bay	NDL	-	-
17	Tomato	Grand Bay	Azoxystrobin	0.013	3

18	Tomato	Grand Bay	NDL	-	-
19	Tomato	St Pierre	NDL	-	-
20	Squash	St Pierre	Azoxystrobin Propamocarb	0.075 0.023	1.0 5
21	Tomato	St Pierre	NDL	-	-
22	Tomato	St Pierre	NDL	-	-
23	Carrot	St Pierre	NDL	-	-
24	Cowpea	St Pierre	NDL	-	-
25	Zucchini	St Pierre	NDL	-	-
26	Pumpkin	St Pierre	Propamocarb	0.38	5
27	Eggplant	St Pierre	NDL	-	-
28	Cowpea	Rose Belle	Cypermethrin	0.026	0.7
29	Eggplant	Rose Belle	NDL	-	-
30	Chayote	Rose Belle	NDL	-	-
31	Beetroot	Rose Belle	NDL	-	-
32	Pumpkin greens	Rose Belle	NDL	-	-
33	Tomato	Rose Belle	NDL	-	-
34	Beetroot	Rose Belle	NDL	-	-
35	Bottle gourd	Rose Belle	Metalaxyl	< 0.010	0.5
36	Watercress	Rose Belle	NDL	-	-
37	Turnip	Rose Belle	Cypermethrin	0.023	0.05
38	Tomato	Rose Belle	Lambda-cyhalothrin	0.18	NS
39	Cabbage	Rose Belle	NDL	-	-

40	Bitter gourd	Rose Belle	NDL	-	-
41	Sponge gourd	Rose Belle	Propamocarb	< 0.010	5
42	Bitter gourd	Rose Belle	Cypermethrin	0.036	0.07
43	Tomato	Rose Belle	Metalaxyl Imidacloprid	0.018 < 0.010	0.3 NS
44	Bottle gourd	Rose Belle	NDL	-	-
45	Watercress	Rose Belle	NDL	-	-
46	Sweet pepper	Flacq	Azoxystrobin	0.15	10.0
47	Tomato	Flacq	NDL	-	-

3. Results of analysis from imported samples

SN.	Fruits and Vegetables	Pesticides detected	Amount (mg/kg)	MRL (mg/kg)
1	Lettuce	Cyromazine Cyprodinil	0.012 < 0.010	3.0 NS
2	Cabbage	NDL	-	-

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

MRL – Maximum Residue Level

NDL – No Detectable Level

NS – Not Specified