

**Pesticide Residue Analysis for samples collected by Pesticides Regulatory Office for the month of
March 2020**

Number of samples from Pesticides Regulatory Office: 35

Number of samples from farm gate level: 1

Number of samples from auction sale: 32

Number of imported samples: 2

Number of samples with pesticide residues exceeding MRL: 1

Number of samples with pesticide residues not recommended: 6

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	Bottle gourd	Grand River South East	NDL	-	-

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

SN.	Fruits and Vegetables	Locality	Pesticides detected	Amount (mg/kg)	MRL (mg/kg)
1	Broccoli	Grand Bay	NDL	-	-
2	Lettuce	Grand Bay	NDL	-	-
3	Chayote	Grand Bay	NDL	-	-
4	Tomato	Grand Bay	NDL	-	-
5	Lemon	Grand Bay	Imazalil Pyrimethanil	0.55 0.53	5.0 8.0
6	Sweet pepper	Grand Bay	Acetamiprid Clothianidin Methamidophos Propamocarb Tebuconazole Thiamethoxam	0.013 0.018 0.022 0.028 0.012 0.044	NS NS NS 3 0.6 NS

7	Sweet pepper	Grand Bay	Carbendazim Carbofuran Pyrimethanil	0.013 0.046 0.011	NS NS NS
8	Tomato	Grand Bay	Azoxystrobin Difenoconazole Imidacloprid	0.048 0.047 0.013	3 NS NS
9	Tomato	Grand Bay	NDL	-	-
10	Carrot	Grand Bay	NDL	-	-
11	Zucchini	Floreale	Cyromazine Metalaxyl	0.029 0.028	2 0.5
12	Bean	Floreale	NDL	-	-
13	Tomato	Floreale	NDL	-	-
14	Onion	Floreale	NDL	-	-
15	Sweet pepper	Floreale	Azoxystrobin	0.011	10.0
16	Carrot	Floreale	NDL	-	-
17	Chayote greens	Floreale	NDL	-	-
18	Papaya	Floreale	NDL	-	-
19	Sweet Pepper	Beau Vallon	Carbendazim Thiophanate methyl	0.010 0.010	NS 0.1
20	Eggplant	Beau Vallon	Cyromazine	0.012	0.6
21	Okra	Beau Vallon	NDL	-	-
22	Banana	Beau Vallon	NDL	-	-
23	Tomato	Beau Vallon	Carbendazim Thiophanate methyl	0.030 0.20	NS 1.0
24	Pumpkin greens	Beau Vallon	NDL	-	-
25	Pumpkin	Tamarin	NDL	-	-
26	Carrot	Tamarin	NDL	-	-
27	Pineapple	Tamarin	NDL	-	-
28	Sweet pepper	Tamarin	NDL	-	-

29	Sweet pepper	Tamarin	Acetamiprid Carbendazim Metalaxyl	0.034 0.020 0.020	NS NS 0.5
30	Bean	Tamarin	NDL	-	-
31	Chayote	Tamarin	NDL	-	-
32	Tomato	Tamarin	NDL	-	-

3. Results of analysis from imported samples

SN.	Fruits and Vegetables	Pesticides detected	Amount (mg/kg)	MRL (mg/kg)
1	Grape	NDL	-	-
2	Plum	Pyrimethanil Thiabendazole	0.013 0.013	2.0 0.01

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

MRL – Maximum Residue Level

NDL – No Detectable Level

NS – Not Specified