

**Pesticide Residue Analysis for samples collected by Pesticides Regulatory Office for the
Month of December 2020**

Number of samples from Pesticides Regulatory Office: **33**

Number of samples from farm gate level: **8**

Number of samples from auction sale/supermarkets: **13**

Number of imported samples: **12**

Number of samples with pesticide residues exceeding MRL: 1

Number of samples with pesticide residues not recommended: 1

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	Beans	Floréal	NDL	-	-
2	Spinach	Eau Coulée	NDL	-	-
3	Cabbage	Curepipe	NDL	-	-
4	Chinese cabbage	Curepipe	NDL	-	-
5	Carrot	Vacoas	NDL	-	-
6	Chayote	Vacoas	NDL	-	-
7	Leafy Brassica	Vacoas	Acetamiprid	0.45 (Excess)	0.01
			Metalaxyl	0.035	NR
8	Pumpkin greens	Petit Raffray	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	Carrot	Grand Bay	NDL	-	-
2	Cabbage	Grand Bay	NDL	-	-

3	Tomato	Grand Bay	NDL	-	-
4	Cucumber	Grand Bay	NDL	-	-
5	Tomato	Grand Bay	NDL	-	-
6	Lettuce	Grand Bay	NDL	-	-
7	Carrot	Flacq	NDL	-	-
8	Cucumber	Flacq	NDL	-	-
9	Tomato	Plaisance	NDL	-	-
10	Squash	Plaisance	Acetamiprid	0.016	0.3
11	Beetroot	Plaisance	NDL	-	-
12	Watermelon	Plaisance	NDL	-	-
13	Cabbage	Plaisance	NDL	-	-

3. Results of analysis from imported samples

SN	Fruits and Vegetables	Pesticides detected	Amount (mg/kg)	MRL (mg/kg)
1	Orange	Azoxystrobin Fludioxonil Imazalil Propiconazole Pyrimethanil	0.018 9.8 5.0 0.042 5.8	15 10 10 8 8
2	Apple	NDL	-	-
3	Apple	Pyrimethanil Thiacloprid	0.33 0.095	15 0.3
4	Lemon	Imazalil Pyrimethanil Thiabendazole	4.3 6.0 0.18	5 8 7
5	Apple	Acetamiprid Fludioxonil Thiacloprid	0.049 0.094 0.12	0.4 5 0.3
6	Apple	Pyrimethanil Thiacloprid	1 0.061	15 0.3

7	Orange	Imazalil Pyrimethanil Thiabendazole	1.2 1.1 1.7	8 8 7
8	Pear	Acetamiprid Fludioxonil	0.021 0.34	0.4 5
9	Mandarin	Dimethoate	0.011	5
10	Onion	NDL	-	-
11	Garlic	NDL	-	-
12	Pomelo	Acetamiprid	0.011	0.9

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

MRL – Maximum Residue Level

NDL – Non Detectable Level

NR – Not Recommended