

**Pesticide Residue Analysis for samples collected by Pesticides Regulatory Office for the
Month of February 2021**

Total number of samples collected: **50**

Number of samples from farm gate level: **26**

Number of samples from auction sale/supermarkets: **17**

Number of imported samples: **7**

Number of samples with pesticide residues exceeding MRL: 2

Number of samples with pesticide residues not recommended: 4

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	Okra	Vacoas	NDL	-	-
2	Leek	Vacoas	NDL	-	-
3	Chayote	Dagotière	NDL	-	-
4	Tomato	Deux Bras	NDL	-	-
5	Tomato	Deux Bras	NDL	-	-
6	Cherry Tomato	Deux Bras	NDL	-	-
7	Sweet Pepper	Deux Bras	NDL	-	-
8	Tomato	Deux Bras	NDL	-	-
9	Cucumber	Deux Bras	NDL	-	-
10	Cucumber	Deux Bras	NDL	-	-
11	Tomato	Deux Bras	NDL	-	-
12	Lettuce	Deux Bras	NDL	-	-
13	Tomato	Deux Bras	NDL	-	-

14	Bottle gourd	Trois Boutiques	NDL	-	-
15	Okra	Trois Boutiques	Acetamiprid	0.074	0.2
16	Okra	Trois Boutiques	Acetamiprid	0.34 (Excess)	0.2
17	Cabbage	Vacoas	NDL	-	-
18	Cucumber	Vacoas	Metalaxyl	0.017	0.5
19	Chayote	Vacoas	NDL	-	-
20	Cabbage	Vacoas	NDL	-	-
21	Carrot	Vacoas	Linuron	0.032	0.2
22	Turnip	Vacoas	NDL	-	-
23	Carrot	Vacoas	NDL	-	-
24	Chayote	Vacoas	NDL	-	-
25	Chayote Greens	Vacoas	NDL	-	-
26	Bottle gourd	St Pierre	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	Chinese White Cabbage	Morcellement St André	Carbendazim Thiophanate methyl	0.72 3.4 (Excess)	NR 0.1
2	Spring Onion	Morcellement St André	Carbendazim Thiophanate methyl	0.17 0.30	NR NR
3	Tomato	Morcellement St André	Carbendazim	0.019	NR

			Thiophanate methyl	0.023	1.0
4	Squash	Bagatelle	Pyraclostrobin	0.014	NR
5	Pumpkin	Bagatelle	Propamocarb	1.6	5.0
6	Eggplant	Bagatelle	NDL	-	-
7	Tomato	Bagatelle	NDL	-	-
8	Tomato	Tamarin	NDL	-	-
9	Cabbage	Tamarin	NDL	-	-
10	Carrot	Tamarin	NDL	-	-
11	Yam	Tamarin	Linuron	0.016	0.2
12	Cucumber	Tamarin	NDL	-	-
13	Leek	Tamarin	NDL	-	-
14	Lettuce	Tamarin	NDL	-	-
15	Tomato	Mer Rouge	NDL	-	-
16	Carrot	Mer Rouge	NDL	-	-
17	Bean	Mer Rouge	NDL	-	-

3. Results of analysis from imported samples

SN.	Fruits and Vegetables	Pesticides detected	Amount (mg/kg)	MRL (mg/kg)
1	Grapes	Pyrimethanil	0.053	5.0
2	Grapes	Boscalid	0.018	5.0
3	Grapefruit	Carbendazim	0.020	0.2
4	Lettuce	NDL	-	-
5	Red Cabbage	NDL	-	-
6	Onion	NDL	-	-

7	Mandarin	Imazalil	0.19	5
		Thiabendazole	0.090	7

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

MRL – Maximum Residue Level

NDL – No Detectable Level

NR – Not Recommended