

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

Number of samples collected: **52**

Number of samples from farm gate level: **18**

Number of samples from supermarkets: **27**

Number of imported samples: **7**

Number of samples with pesticide residues exceeding MRL: 3

Number of samples with pesticide residues not recommended on that crop: 16

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	Eggplant	Rose Belle	NDL	-	-
2	Lady finger	Rose Belle	Carbendazim Tebuconazole	0.025 0.018	NR NR
3	Chinese white cabbage (Tompouce)	Mare Tabac	Cypermethrin Metalaxyl Propamocarb	1.3 0.013 1.0	NR 0.5 NR
4	Tomato	Mare Tabac	NDL	-	-
5	Tomato	Plaisance	Acetamiprid Cypermethrin Metalaxyl	0.040 0.13 0.019	0.5 0.2 0.3
6	Bean	Belle Mare	NDL	-	-
7	Onion	Belle Mare	Imidacloprid Cypermethrin	0.013 0.022	NR NR
8	Eggplant	Belle Mare	Cypermethrin	0.18	0.5
9	Sponge-gourd	Belle Mare	Cypermethrin	0.054	0.07
10	Papaya	Belle Mare	NDL	-	-
11	Onion	Belle Mare	NDL	-	-
12	Carrot	Belle Mare	NDL	-	-
13	Chayote	Plaine Sophie	Linuron	0.029	NR

14	Onion	Plaine Sophie	Azoxystrobin Difenoconazole Tebuconazole Cypermethrin	0.014 0.013 0.020 0.068	NR 0.5 0.15 NR
15	Carrot	Plaine Sophie	NDL	-	-
16	Coriander	Plaine Sophie	Tebuconazole Cypermethrin	0.025 0.019	NR NR
17	Cabbage	Plaine Sophie	Tebuconazole Cypermethrin	0.14 0.056	0.7 NR
18	Coriander	Plaine Sophie	Linuron	0.59 (Excess)	0.1

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	Lettuce	Rose Belle	Cypermethrin	0.060	NR
2	Tomato	Rose Belle	Cypermethrin	0.044	0.2
3	Carrot	Rose Belle	Cypermethrin	0.050	0.05
4	Cabbage	Rose Belle	Metalaxyl	0.032	0.5
5	Watercress	Rose Belle	Acetamiprid Cypermethrin Metribuzin	0.021 4.3 0.027	NR NR NR
6	Chinese white cabbage (Tompouce)	Rose Belle	Cypermethrin	0.19	NR
7	English Cucumber	Rose Belle	Carbendazim Metalaxyl Cypermethrin	0.012 0.015 0.052	NR 0.5 0.07
8	Squash	Rose Belle	Metalaxyl Cypermethrin	0.013 0.17 (Excess)	0.2 0.07
9	Tomato	Flacq	Cypermethrin	0.048	0.2
10	Turnip	Flacq	NDL	-	-
11	Eggplant- Garden egg	Flacq	Acetamiprid Carbendazim Imidacloprid	0.11 0.082 0.022	0.2 NR NR

			Tebuconazole Thiophanate methyl	0.027 0.13	NR 2.0
12	Cabbage	Flacq	Metalaxyl	0.14	0.5
13	Pepper	Flacq	Acetamiprid Boscalid Cypermethrin Imidacloprid Metalaxyl Pyraclostrobin Thiamethoxam Thiophanate methyl	0.020 0.064 1.3 0.22 0.023 0.030 0.023 0.022	0.3 NR NR NR 0.5 NR NR 0.1
14	Lettuce	Flacq	Boscalid Cypermethrin Thiophanate methyl	0.041 0.48 0.022	NR NR 0.1
15	Cabbage (Red)	Trianon	NDL	-	-
16	Tomato	Trianon	Cypermethrin Metalaxyl Methoxyfenozide Tebuconazole Thiophanate methyl	0.22 0.013 0.035 0.094 0.010	0.2 0.3 2.0 0.9 1.0
17	Cabbage	Trianon	Chlorantraniliprole	0.015	0.2
18	Broccoli	Trianon	NDL	-	-
19	Zucchini	Grand Bay	NDL	-	-
20	Cabbage	Grand Bay	Cypermethrin Metalaxyl	0.30 0.025	NR 0.5
21	Banana	Grand Bay	NDL	-	-
22	Carrot	Grand Bay	Linuron	0.047	0.2
23	Carrot	Grand Bay	NDL	-	-
24	Onion	Grand Bay	NDL	-	-
25	Lettuce	Grand Bay	NDL	-	-
26	Cherry Tomato	Grand Bay	Azoxystrobin Carbendazim Difenoconazole Thiophanate methyl	0.025 0.016 0.028 0.067	3 NR 2 1.0
27	Eggplant	Grand Bay	NDL	-	-

3. Results of analysis from imported samples

SN.	Fruits and Vegetables	Pesticides detected	Amount (mg/kg)	MRL (mg/kg)
1	Lemon	Azoxystrobin Thiabendazole Imazalil	1.2 0.52 0.77	15 7 15
2	Apple	Acetamiprid Pyrimethanil	0.015 1.3	0.8 15
3	Pear	NDL	-	-
4	Orange	Imazalil Methoxyfenozide Pyrimethanil Thiabendazole	0.64 0.015 1.2 0.087	5 2 8 7
5	Pear	Chlorantraniliprole	0.012	0.5
6	Lime	Imazalil Imidacloprid Pyrimethanil Thiabendazole	1.1 0.087 1.8 0.30	5 1 8 7
7	Endive	NDL	-	-

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

MRL – Maximum Residue Level

NDL – No Detectable Level

NR – Not Recommended on that Crop