

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

Number of samples from Pesticides Regulatory Office: **85**

Number of samples from farm gate level: **11**

Number of samples from auction sale/market/supermarket: **33**

Number of imported samples: **41**

Number of samples with pesticide residues exceeding MRL: 1

Number of samples with pesticide residues not recommended: 9

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	Parsley	Saint Pierre	NDL	-	-
2	Banana	Saint Pierre	NDL	-	-
3	Carrot	Plaine Sophie	NDL	-	-
4	Carrot	Plaine Sophie	NDL	-	-
5	Chayote	Plaine Sophie	NDL	-	-
6	Cabbage	Plaine Sophie	NDL	-	-
7	Leek	Plaine Sophie	Metribuzin	0.032	NR
8	Parsley	Plaine Sophie	NDL	-	-
9	Tomato	Baie aux Huitres, Rodrigues	NDL	-	-
10	Pepper	Baie aux Huitres, Rodrigues	Tebuconazole	0.016	0.6
11	Lemon	Grad Baie, Rodrigues	NDL	-	-

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

SN.	Fruits and Vegetables / Seal No / Notice No	Super/Auction Market	Pesticides detected	Amount (mg/kg)	MRL (mg/kg)
1	Carrot	Belle Rose	NDL	-	-
2	Tomato	Belle Rose	Carbendazim Metalaxyl Thiophanate-methyl	0.14 0.065 0.16	NR 0.3 1.0
3	Pumpkin	Belle Rose	NDL	-	-
4	Squash	Belle Rose	Metalaxyl Pyraclostrobin	0.017 0.015	0.2 NR
5	Pawpaw	Belle Rose	NDL	-	-
6	Pineapple	Tamarin	NDL	-	-
7	Lettuce	Tamarin	Piperonyl butoxide Imidacloprid Metalaxyl Propamocarb	0.055 0.099 0.039 1.0	NR NR NR NR
8	Banana	Tamarin	NDL	-	-
9	Carrot	Tamarin	NDL	-	-
10	Tomato	Tamarin	Acetamiprid Carbendazim Propamocarb Piperonyl butoxide	0.041 0.034 1.3 0.037	0.5 NR 2.0 NR
11	Cabbage	Tamarin	NDL	-	-
12	Cauliflower	Tamarin	NDL	-	-
13	Tomato	Curepipe	Iprovalicarb	0.012	0.7
14	Tomato	Curepipe	NDL	-	-
15	Tomato	Curepipe	NDL	-	-
16	Tomato	Trianon	Azoxystrobin Propamocarb	0.030 0.17	3.0 2.0
17	Zucchini	Trianon	Cyromazine Metalaxyl	0.01 0.014	2.0 0.5

18	Cabbage	Tranon	NDL	-	-
19	Banana	Port Louis	NDL	-	-
20	Lettuce	Port Louis	NDL	-	-
21	Cucumber	Port Louis	Acetamiprid Metalaxyl	0.054 0.036	0.3 0.5
22	Tomato	Port Louis	Acetamiprid Metalaxyl	0.14 0.030	0.5 0.3
23	Lettuce	St Pierre	NDL	-	-
24	Broccoli	St Pierre	NDL	-	-
25	Zucchini	St Pierre	NDL	-	-
26	Sweet Potato	St Pierre	NDL	-	-
27	Bottlegourd	St Pierre	NDL	-	-
28	Lettuce	St Pierre	Azoxystrobin Difenoconazole	0.29 0.40	NR NR
29	Carrot	St Pierre	NDL	-	-
30	Zucchini	St Pierre	NDL	-	-
31	Banana	Sodnac	NDL	-	-
32	Cabbage	Sodnac	NDL	-	-
33	Onion	Sodnac	NDL	-	-

3. Results of analysis from imported samples

SN.	Fruits and Vegetables	Pesticides detected	Amount (mg/kg)	MRL (mg/kg)
1	Lemon	Imazalil Pyrimethanil Thiabendazole	0.62 3.2 0.16	5.0 8.0 7.0
2	Pear	Acetamiprid Fludioxonil	0.011 0.67	0.4 5.0

3	Orange	Azoxystrobin Imazalil Methoxyfenozide Pyrimethanil Thiabendazole	0.014 2.6 0.025 7.7 0.97	15.0 4.0 2.0 8.0 7.0
4	Cherry	Acetamiprid Tebuconazole	0.028 0.011	1.5 1.0
5	Pepper	Carbendazim Tebuconazole Thiamethoxam	0.035 0.020 0.010	NR 0.6 NR
6	Lemon	Imazalil Pyrimethanil Thiabendazole	2.5 0.015 0.24	5.0 8.0 7.0
7	Mandarin	Azoxystrobin Difenoconazole Imazalil Imidacloprid Pyrimethanil Thiabendazole	0.026 0.025 0.5 0.014 3.1 0.73	15.0 0.6 5.0 1.0 8.0 7.0
8	Grapefruit	Imazalil Thiabendazole	0.85 0.70	4.0 7.0
9	Apple	Piperonyl butoxide	0.028	NR
10	Orange	Imazalil Methoxyfenozide Pyraclostrobin Thiabendazole Pyrimethanil	1.3 0.016 0.032 0.13 6.3	4.0 2.0 2.0 7.0 8.0
11	Garlic	NDL	-	-
12	Shallot	NDL	-	-
13	Fennel	NDL	-	-
14	Endive	NDL	-	-
15	Pepper	Imidacloprid	0.021	1.0
16	Onion	NDL	-	-
17	Avocado	Prochloraz Piperonyl butoxide	0.21 0.016	NR NR
18	Apricot	NDL	-	-
19	Grape	NDL	-	-

20	Plum	NDL	-	-
21	Pear	NDL	-	-
22	Grape	NDL	-	-
23	Pear	Acetamiprid Thiacloprid	0.042 0.030	0.4 0.3
24	Apple	NDL	-	-
25	Potato	Cyromazine	0.037	0.05
26	Orange	Imazalil Pyrimethanil Thiabendazole	1.1 2.7 1.0	4.0 8.0 7.0
27	Apple	Thiacloprid	0.011	0.3
28	Grape	Imidacloprid	0.021	1.0
29	Strawberry	Azoxystrobin Difenoconazole Pyrimethanil	0.43 0.45 0.44	10 5.0 2.0
30	Peach	NDL	-	-
31	Grapefruit	Imazalil Pyraclostrobin Thiabendazole	1.1 0.039 0.78	4.0 2.0 7.0
32	Mandarin	Imazalil Pyrimethanil Thiabendazole	0.5 1.9 1.2	5.0 8.0 7.0
33	Orange	Imazalil Pyraclostrobin Thiabendazole	2.6 0.044 2.2	8.0 2.0 7.0
34	Pear	Acetamiprid	0.019	0.4
35	Grapefruit	Imazalil Imidacloprid Pyraclostrobin Pyrimethanil Thiabendazole	1.4 0.024 0.019 0.93 1.5	4.0 1.0 2.0 8.0 7.0
36	Lemon	Imazalil Pyrimethanil Thiabendazole	0.67 2.3 0.20	15.0 8.0 7.0
37	Orange	Azoxystrobin Imazalil Imidacloprid Propiconazole Pyraclostrobin Pyrimethanil	0.016 1.08 0.010 0.14 0.022 1.01	15.0 8 1.0 10 2.0 8.0

		Thiabendazole	0.074	7.0
38	Grape	Cyprodinil Imazalil	0.083 0.011 (Excess)	3.0 0.01
39	Lemon	Imazalil Pyrimethanil Thiabendazole	0.24 2.1 0.16	15.0 8.0 7.0
40	Apple	Acetamiprid	0.021	0.4
41	Mandarin	Imidacloprid Imazalil Methoxyfenozide Propiconazole Thiabendazole	0.011 2.3 0.021 0.99 2.5	1.0 5.0 2.0 10 7.0

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

MRL – Maximum Residue Level

NDL – No Detectable Level

NR – Not Recommended