

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

Number of samples from Pesticides Regulatory Office: 95

Number of samples from farm gate level:55

Number of samples from auction sale:23

Number of imported samples: 17

Number of samples with pesticide residues exceeding MRL: 1

Number of samples with pesticide residues not recommended: 10

**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	Zucchini	Rose Belle	NDL	-	-
2	Lettuce	Rose Belle	NDL	-	-
3	Amaranthus	Camp Thorel	NDL	-	-
4	Chinese White Cabbage	Camp Thorel	NDL	-	-
5	Chayote Greens	Camp Thorel	NDL	-	-
6	Grapefruit	Vacoas	NDL	-	-
7	Lettuce	Midlands	NDL	-	-
8	Tomato	Deux Bras	NDL	-	-
9	Tomato	Deux Bras	NDL	-	-
10	Tomato	Deux Bras	NDL	-	-
11	Tomato	Deux Bras	NDL	-	-
12	Tomato	Deux Bras	NDL	-	-
13	Tomato	Deux Bras	NDL	-	-

14	Cauliflower	Mare Tabac	NDL	-	-
15	Cabbage	Mare Tabac	NDL	-	-
16	Radish	Rose-Hill	NDL	-	-
17	Celery Cabbage	Rose-Hill	Cyromazine	0.012	0.05
18	Spinach	Rose-Hill	NDL	-	-
19	Coriander	Beau-Bassin	Linuron Azoxyastrobin	0.021 0.22	0.1 NS
20	Green Onion	Beau-Bassin	Cyromazine Formetanate Methiocarb	0.036 0.74 0.15	0.05 NS NS
21	Bean	Beau-Bassin	NDL	-	-
22	Zucchini	Glen Park	NDL	-	-
23	Chayote	Henrietta	NDL	-	-
24	Chayote	Vacoas	NDL	-	-
25	Chayote	Glen Park	NDL	-	-
26	Chayote	Glen Park	NDL	-	-
27	Chayote	Curepipe	NDL	-	-
28	Chayote Greens	Curepipe	NDL	-	-
29	Pumpkin Greens	Curepipe	NDL	-	-
30	Chayote	Glen Park	NDL	-	-
31	Carrot	Vacoas	NDL	-	-

32	Chayote	Nouvelle Découverte	NDL	-	-
33	Cabbage	Nouvelle Découverte	NDL	-	-
34	Pumpkin	Nouvelle Découverte	NDL	-	-
35	Chayote	Nouvelle Découverte	NDL	-	-
36	Chayote Greens	Nouvelle Découverte	NDL	-	-
37	Cabbage	Nouvelle Découverte	NDL	-	-
38	Cucumber	Saint-Pierre	Metalaxyl	0.015	0.5
39	Cabbage	Saint-Pierre	NDL	-	-
40	Cauliflower	Saint-Pierre	NDL	-	-
41	Cabbage	St-Pierre	NDL	-	-
42	Eggplant	Cluny	NDL	-	-
43	Chayote	Cluny	NDL	-	-
44	Papaya	Bon Accueil	NDL	-	-
45	Turnip	Lallmatie	NDL	-	-
46	Snake gourd	Reunion Maurel	NDL	-	-
47	Cowpea	Reunion Maurel	NDL	-	-
48	Cucumber	Reunion Maurel	NDL	-	-
49	Cabbage	Valentina	NDL	-	-
50	Celery Cabbage	Valentina	NDL	-	-
51	Coriander	Valentina	NDL	-	-
52	Tomato	Fond Du Sac	Acetamiprid	0.010	NS

53	Radish	Fond Du Sac	NDL	-	-
54	Chinese White Cabbage	Fond Du Sac	NDL	-	-
55	Bottlegourd	Sebastopol	NDL	-	-

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

<b>SN.</b>	<b>Fruits and Vegetables</b>	<b>Locality</b>	<b>Pesticides detected</b>	<b>Amount (mg/kg)</b>	<b>MRL (mg/kg)</b>
1	Tomato	Flacq	NDL	-	-
2	Carrot	Flacq	NDL	-	-
3	Pumpkin	Flacq	NDL	-	-
4	Onion	Flacq	NDL	-	-
5	Carrot	Flacq	NDL	-	-
6	Tomato	Wooton	Acetamiprid Boscalid Carbendazim Imidacloprid Pyraclostrobin	0.043 0.057 0.040 0.30 0.013	NS NS NS NS 0.3
7	Banana	Wooton	NDL	-	-
8	Basilic	Wooton	Carbendazim Metalaxyl	0.042 0.25	0.1 3.0
9	Tomato	Wooton	Imidacloprid Propamocarb	0.079 0.062	NS 2
10	Pineapple	Wooton	NDL	-	-
11	Passion Fruit	Wooton	NDL	-	-
12	Eggplant	Wooton	NDL	-	-

13	Chinese White Cabbage	Wooton	Cyromazine	0.10	NS
14	Cabbage	Wooton	NDL	-	-
15	Pumpkin	St-Pierre	NDL	-	-
16	Chayote	St-Pierre	NDL	-	-
17	Spinach	St-Pierre	Cyromazine	0.057	NS
18	Chayote	St-Pierre	NDL	-	-
19	Cabbage	St-Pierre	NDL	-	-
20	Tomato	St-Pierre	Piperonyl butoxide	0.019	NS
21	Eggplant	St-Pierre	NDL	-	-
22	Bean	St-Pierre	Propamocarb	0.018	NS
23	Ginger	St-Pierre	Piperonyl butoxide	0.23	NS

### 3. Results of analysis from imported samples

SN.	Fruits and Vegetables	Pesticides detected	Amount (mg/kg)	MRL (mg/kg)
1	Carrot	NDL	-	-
2	Mandarin	Imazalil Pyrimethanil Thiabendazole	1.32 2.40 4.80	5.0 8.0 7.0
3	Pomegranate	Fludioxonil Imidacloprid Methoxyfenozide Pyrimethanil	0.81 0.039 0.050 <b>0.012</b>	3 1 0.6 <b>0.01</b>
4	Celery	Difenoconazole Dimethomorph Pyraclostrobin	0.013 0.040 0.020	0.1 0.3 30.0
5	Strawberry	Azoxystrobin Difenoconazole	0.16 0.17	10.0 2.0

		Quinoxifen	0.024	1
6	Baby Marrow (Zucchini)	NDL	-	-
7	Strawberry	Azoxystrobin Difenoconazole	0.26 0.29	10.0 2
8	Onion	NDL	-	-
9	Garlic	NDL	-	
10	Potato	Piperonyl butoxide	0.054	-
11	Mandarin	Azoxystrobin Imazalil Pyrimethanil Thiabendazole	0.025 0.40 4.4 1.4	15.0 5.0 8.0 7.0
12	Apple	Piperonyl butoxide	0.037	-
13	Mandarin	Imazalil Imidacloprid Propamocarb	4.94 0.014 0.18	5 1.0 0.01
14	Grape	Imazalil Dimethomorph	0.013 0.056	0.01 3
15	Apple	NDL	-	-
16	Garlic	NDL	-	-
17	Potato	NDL	-	-

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

MRL – Maximum Residue Level

NDL – No Detectable Level

NS – Not Specified