

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

Number of samples from Pesticides Regulatory Office: **90**

Number of samples from farm gate level: **39**

Number of samples from auction sale/market/supermarket: **34**

Number of imported samples: **17**

Number of samples with pesticide residues exceeding MRL: 6

Number of samples with pesticide residues not recommended: 11

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	Goodlands	NDL	-	-
2	Cauliflower	Goodlands	Acetamiprid	0.013	NR
3	Tomato	Goodlands	NDL	-	-
4	Chilli	Poudre d'Or	Carbendazim Thiophanate-methyl	0.34 0.012	NR 0.1
5	Tomato	Poudre d'Or	NDL	-	-
6	Eggplant	Poudre d'Or	NDL	-	-
7	Bean	Esperance Trébuchet	NDL	-	-
8	Lettuce	St Pierre	Carbendazim Thiophanate-methyl	0.028 0.020	NR 0.1
9	Chayote	St Pierre	NDL	-	-
10	Chayote greens	St Pierre	NDL	-	-
11	Tomato	St Pierre	Propamocarb	0.060	2.0

12	Tomato	St Pierre	Propamocarb	0.022	2.0
13	Tomato	St Pierre	Cyazofamid Iprovalicarb	0.017 0.10	0.6 0.7
14	Tomato	St Pierre	NDL	-	-
15	Bean	St Pierre	Metalaxyl Methoxyfenozide	0.012 0.061	0.02 2.0
16	Chayote	St Pierre	NDL	-	-
17	Cauliflower	St Pierre	NDL	-	-
18	Bean	St Pierre	Metalaxyl	0.058 (Excess)	0.02
19	Pumpkin	St Pierre	Thiophanate- methyl	0.039	0.5
20	Onion	La Chaumière	NDL	-	-
21	Onion	La Chaumière	NDL	-	-
22	Onion	La Chaumière	NDL	-	-
23	Onion	La Chaumière	NDL	-	-
24	Lettuce	La Chaumière	NDL	-	-
25	Lettuce	La Chaumière	NDL	-	-
26	Cabbage	La Chaumière	NDL	-	-
27	Chilli	La Chaumière	Boscalid	0.020	NR
28	Eggplant	La Chaumière	NDL	-	-
29	Onion	Vacoas	NDL	-	-
30	Lettuce	Floréal	NDL	-	-
31	Lettuce	Floréal	NDL	-	-
32	Cabbage	Vacoas	NDL	-	-

33	Cabbage	Vacoas	NDL	-	-
34	Carrot	Vacoas	NDL	-	-
35	Tomato	Vacoas	Iprovalicarb	0.047	0.7
36	Chinese white cabbage	Vacoas	Acetamiprid	0.11 (Excess)	0.01
			Linuron	0.028	NR
			Metribuzin	0.056	NR
37	Carrot	Vacoas	NDL	-	-
38	Onion	La Chaumière	NDL	-	-
39	Onion	La Chaumière	NDL	-	-

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

SN.	Fruits and Vegetables	Locality	Pesticides detected	Amount (mg/kg)	MRL (mg/kg)
1	Tomato	Wooton	Tebuconazole Acetamiprid Metalaxyl	0.037 0.024 0.021	0.9 0.5 0.3
2	Banana	Wooton	NDL	-	-
3	Sweet Pepper	Wooton	Acetamiprid	0.069	0.3
4	Bottlegourd	Wooton	NDL	-	-
5	Papaya	Wooton	NDL	-	-

6	Lettuce	Wooton	Thiophanate-methyl Carbendazim	18.0 (Excess) 0.48	0.1 NR
7	Lettuce	Wooton	Thiophanate-methyl Carbendazim	6.4 (Excess) 0.25	0.1 NR
8	Pineapple	Wooton	Thiophanate-methyl	0.020	0.1
9	Zucchini	Wooton	Metalaxyl	0.024	0.5
10	Zucchini	Wooton	Metalaxyl	0.012	0.5
11	Squash	Wooton	Pyraclostrobin	0.010	NR
12	Eddo	Wooton	NDL	-	-
13	Cherry Tomato	Wooton	Metalaxyl	0.62 (Excess)	0.3
14	Cabbage	Wooton	NDL	-	-
15	Tomato	Wooton	NDL	-	-
16	Tomato	Candos	NDL	-	-
17	Carrot	Candos	Linuron	0.014	0.2
18	Beetroot	Candos	NDL	-	-
19	Lettuce	Candos	NDL	-	-
20	Sweet Pepper	Candos	Azoxystrobin Difenoconazole	0.14 0.15	10.0 0.6
21	Squash	Candos	NDL	-	-
22	Pineapple	Candos	NDL	-	-
23	Spinach	Gros Cailloux	NDL	-	-
24	Lettuce	Gros Cailloux	Acetamiprid	0.021	NR

25	Lettuce	Gros Cailloux	NDL	-	-
26	Parsley	Gros Cailloux	NDL	-	-
27	Radish	Gros Cailloux	NDL	-	-
28	Coriander	Gros Cailloux	NDL	-	-
29	Cherry Tomato	Camp Levieux	Carbendazim Thiophanate-methyl	0.012 0.036	NR 1.0
30	Onion	Camp Levieux	NDL	-	-
31	Carrot	Camp Levieux	NDL	-	-
32	Onion	Camp Levieux	NDL	-	-
33	Tomato	Camp Levieux	Acetamiprid Imidacloprid	0.011 0.042	0.5 NR
34	Potato	Camp Levieux	Cyromazine	0.013	0.05

2. Results of analysis from imported samples

SN.	Fruits and Vegetables	Pesticides detected	Amount (mg/kg)	MRL (mg/kg)
1	Apple	NDL	-	-
2	Mandarin	Azoxystrobin Thiabendazole	0.027 0.41	15.0 7.0
3	Mandarin	Azoxystrobin Difenoconazole Methoxyfenozide Imazalil Thiabendazole Propiconazole	0.011 0.013 0.028 0.64 1.4 0.29	15.0 0.6 2.0 5.0 7.0 10
4	Grapefruit	Pyrimethanil Imazalil	0.010 0.84	8.0 4.0

		Thiabendazole	1.7	7.0
5	Nectarine	Fludioxonil Pyrimethanil	0.18 0.49	10.0 10.0
6	Celery	Acetamiprid Imidacloprid	0.075 0.069	3.0 6.0
7	Blueberry	Fenhexamid Pyrimethanil	0.029 0.016	20.0 8.0
8	Plum	NDL	-	-
9	Pear	Acetamiprid Thiacloprid	0.033 0.017	0.4 0.3
10	Kiwi	NDL	-	-
11	Mandarin	Imazalil Thiabendazole	2.0 1.3	5.0 7.0
12	Orange	Imazalil Methoxyfenozide Pyraclostrobin	0.89 0.11 0.013	8 2.0 2.0
13	Apple	Imazalil Thiacloprid	0.012 0.022 (Excess)	0.01 0.3
14	Broccoli	NDL	-	-
15	Apple	NDL	-	-
16	Apple	Pyrimethanil Thiacloprid	0.21 0.059	15.0 0.3
17	Orange	Azoxystrobin Imazalil Pyrimethanil Thiabendazole	0.021 0.50 0.54 0.46	15.0 8 8.0 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