

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

Number of samples from Pesticides Regulatory Office: **67**

Number of samples from farm gate level: **25**

Number of samples from auction sale/market/supermarket: **21**

Number of imported samples: **21**

Number of samples with pesticide residues exceeding MRL: 6

Number of samples with pesticide residues not recommended: 3

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	Tomato	Belle Rive	Mandipropamid	0.026	NR
2	Cabbage	Dubreuil	NDL	-	-
3	Tomato	Vacoas	NDL	-	-
4	Lettuce	Cluny	NDL	-	-
5	Lettuce	Cluny	NDL	-	-
6	Eggplant	Deux Bras	NDL	-	-
7	Tomato	Deux Bras	NDL	-	-
8	Cucumber	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	Sweet Pepper	Deux Bras	NDL	-	-

15	Tomato	Deux Bras	NDL	-	-
16	Lettuce	Deux Bras	NDL	-	-
17	Chayote	Plaine Sophie	NDL	-	-
18	Beetroot	Plaine Sophie	NDL	-	-
19	Chayote	Plaine Sophie	NDL	-	-
20	Chayote	Plaine Sophie	NDL	-	-
21	Carrot	Plaine Sophie	NDL	-	-
22	Chayote	Plaine Sophie	NDL	-	-
23	Cabbage	Plaine Sophie	NDL	-	-
24	Chayote	Plaine Sophie	NDL	-	-
25	Green onions	La Chaumière	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	Spinach	Beau Bassin	Imazalil	0.016	NR
2	Water Spinach (Brède Souflette)	Beau Bassin	NDL	-	-
3	Green Cucumber	Beau Bassin	Acetamiprid Metalaxyl	0.11 0.12	0.3 0.5
4	Carrot	Beau Bassin	NDL	-	-
5	Watercress	Beau Bassin	NDL	-	-

6	Leafy brassica	Terre Rouge	NDL	-	-
7	Chinese white cabbage	Terre Rouge	Acetamiprid	0.037 (Excess)	0.01
8	Lettuce	Terre Rouge	Boscalid Carbendazim Cyromazine Pyraclostrobin Thiophanate-methyl	0.17 0.61 0.26 0.23 0.37 (Excess)	NR NR 3.0 2.0 0.1
9	Cabbage	Grand Bay	NDL	-	-
10	Tomato	Grand Bay	NDL	-	-
11	Pumpkin	Grand Bay	Metalaxyl Propamocarb	0.013 0.32	0.5 5
12	Bean	Grand Bay	NDL	-	-
13	Garlic	Grand Bay	NDL	-	-
14	Potato	Grand Bay	Cyromazine	0.015	0.05
15	Eggplant	Grand Bay	NDL	-	-
16	Carrot	Grand Bay	NDL	-	-
17	Celery	Grand Bay	NDL	-	-
18	Cucumber	Morc St André	Acetamiprid	0.013	0.3
19	Tomato	Morc St André	NDL	-	-
20	Chinese cabbage	Morc St André	Cyromazine	0.16 (Excess)	0.05
21	Banana	Bambous	NDL	-	-

3. Results of analysis from imported samples

SN.	Fruits and Vegetables	Pesticides detected	Amount (mg/kg)	MRL (mg/kg)
1	Grapes	Azoxystrobin	0.03	3.0
		Difenoconazole	0.028	3.0
		Imidacloprid	0.018	1.0
		Metalaxyl	0.05	1
		Propamocarb	3.4	0.01
			(Excess)	
	Tebuconazole	0.012	6	
2	Orange	Azoxystrobin	0.015	15
		Imazalil	1.2	8
		Thiabendazole	1.5	7.0
3	Mandarin	Azoxystrobin	0.064	15
		Difenoconazole	0.066	0.6
		Imidacloprid	2.5	1.0
		Methoxifenozone	0.091	2.0
		Pyrimethanil	0.013	8.0
		Thiabendazole	2	7.0
4	Grapes	NDL	-	-
5	Lemon	NDL	-	-
6	Apple	NDL	-	-
7	Potato	NDL	-	-
8	Onion	NDL	-	-
9	Garlic	NDL	-	-
10	Sweet pepper	Acetamiprid	0.098	0.03
		Boscalid	0.085	3.0
		Carbendazim	0.020	0.1
		Pyraclostrobin	0.023	0.5
		Propiconazole	0.022	0.01
			(Excess)	
11	Mandarin	Azoxystrobin	0.016	15.0
		Difenoconazole	0.015	0.6
		Imazalil	0.40	5.0

		Thiabendazole	0.16	7.0
12	Grapes	NDL	-	-
13	Pear	Acetamiprid Fludioxonil Methoxyfenozide	0.036 0.65 0.011	0.4 5.0 2.0
14	Kiwi	NDL	-	-
15	Strawberry	Azoxystrobin Difenoconazole Pyrimethanil	0.10 0.099 1.0	10.0 2.0 5.0
16	Sweet Pepper	Boscalid Carbendazim Pyraclostrobin Thiophanate-methyl	0.14 0.049 0.061 0.13 (Excess)	3.0 0.1 0.5 0.1
17	Apple	Thiacloprid	0.062	0.3
18	Lemon	Imazalil Pyrimethanil Thiabendazole	0.050 4.1 0.070	15.0 8.0 7.0
19	Butternut	NDL	-	-
20	Plum	Fludioxonil	0.90	5.0
21	Mandarin	Azoxystrobin Difenoconazole Imazalil Thiabendazole	0.040 0.039 0.92 0.65	15.0 0.6 5.0 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