

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

Number of samples collected: **91**

Number of samples from farm gate level: **68**

Number of samples from auction sale/Supermarkets: **10**

Number of imported samples: **13**

Number of samples with pesticide residues exceeding MRL: 4

Number of samples with pesticide residues not recommended: 12

1. Results of analysis of samples collected at farm gate level

S/N	Fruits and Vegetables	Locality	Pesticides detected	Amount (mg/kg)	MRL (mg/kg)
1	Cauliflower	Circonstance, St. Pierre	Tebuconazole	0.31	0.7
2	Bean	La Laura	NDL	-	-
3	Potato	La Laura	Cyromazine	0.81 (Excess)	0.05
4	Chinese white cabbage	Rivière Baptiste	NDL	-	-
5	Chinese white cabbage (green petiole)	Rivière Baptiste	Carbendazim Thiophanate methyl	0.015 0.041	NR 0.1
6	Chinese white cabbage (Tom pouce)	Rivière Baptiste	NDL	-	-
7	Lettuce	Rivière Baptiste	Carbendazim Thiophanate methyl	0.013 0.091	NR 0.1
8	Beetroot	Rivière Baptiste	Cyromazine	0.049	0.05
9	Parsley	Rivière Baptiste	Cyromazine Linuron	0.43 0.034	NR NR
10	Celery	Rivière Baptiste	Cyromazine Linuron	0.50 0.053	NR 1.0
11	Coriander	Rivière Baptiste	Cyromazine Linuron	0.85 0.017	NR 0.1

12	Spring onion	Rivière Baptiste	Cyromazine	0.049	0.05
13	Cabbage	Rivière Baptiste	NDL	-	-
14	Potato	Glen Park	Cyromazine	0.071 (Excess)	0.05
15	Chayote	Glen Park	NDL	-	-
16	Ginger	Glen Park	NDL	-	-
17	Beetroot	Britannia	NDL	-	-
18	Cauliflower	Britannia	NDL	-	-
19	Chinese cabbage	Britannia	NDL	-	-
20	Chinese white cabbage (Tom pouce)	Britannia	NDL	-	-
21	Mustard cabbage	Britannia	NDL	-	-
22	Spring onion	Britannia	NDL	-	-
23	Chinese white cabbage (Tom pouce)	Britannia	NDL	-	-
24	Turnip	Britannia	NDL	-	-
25	Chinese cabbage	Terre Rouge	NDL	-	-
26	Lettuce	Terre Rouge	Carbendazim Thiophanate methyl	0.013 0.010	NR 0.1
27	Indian lettuce (Brède Basmati)	Terre Rouge	NDL	-	-
28	Chinese cabbage	Terre Rouge	NDL	-	-
29	Lettuce	Terre Rouge	NDL	-	-
30	Spring onion	Terre Rouge	NDL	-	-
31	Chinese white cabbage (Tom pouce)	Terre Rouge	Carbendazim Cyromazine Thiophanate methyl	0.20 0.090 (Excess) 2.7 (Excess)	NR 0.05 0.1

32	Lettuce	Terre Rouge	Cyromazine Metalaxyl Thiophanate methyl	0.18 0.015 3.5 (Excess)	3.0 NR 0.1
33	Lettuce	Terre Rouge	NDL	-	-
34	Chinese cabbage	Terre Rouge	NDL	-	-
35	Chinese white cabbage (Tom pousse)	Terre Rouge	NDL	-	-
36	Lettuce	Terre Rouge	Cyromazine	0.086	3.0
37	Lettuce	Terre Rouge	NDL	-	-
38	Spring onion	Terre Rouge	NDL	-	-
39	Mustard cabbage	Terre Rouge	NDL	-	-
40	Mustard cabbage (Brède de Chine Frisé)	Terre Rouge	NDL	-	-
41	Chinese white cabbage (Tom pousse)	Terre Rouge	NDL	-	-
42	Lettuce	Terre Rouge	NDL	-	-
43	Chayote	La Laura	NDL	-	-
44	Lettuce	St-Pierre	Azoxystrobin Difenoconazole Imidacloprid Piperonyl butoxide	0.025 0.030 0.025 0.027	NR NR NR NR
45	Broccoli	St-Pierre	Azoxystrobin Difenoconazole	0.030 0.036	NR 2
46	Cauliflower	St-Pierre	NDL	-	-
47	Tomato	St-Pierre	Cyromazine	0.11	0.6
48	Tomato	Roches Noires	Acetamiprid	0.029	0.5
49	Chayote	Nouvelle Découverte	NDL	-	-

50	Lemon	Nouvelle Decouverte	NDL	-	-
51	Chayote greens	Nouvelle Decouverte	NDL	-	-
52	Chayote greens	Nouvelle Decouverte	NDL	-	-
53	Chayote	Nouvelle Decouverte	NDL	-	-
54	Chinese cabbage	Nouvelle Decouverte	NDL	-	-
55	Chayote	Nouvelle Decouverte	NDL	-	-
56	Chayote greens	Nouvelle Decouverte	NDL	-	-
57	Cucumber	Nouvelle Decouverte	Azoxystrobin Difenoconazole	0.13 0.13	1 NR
58	English cucumber	Nouvelle Decouverte	Azoxystrobin Difenoconazole	0.079 0.093	1 NR
59	Leek	Terre Rouge	NDL	-	-
60	Chinese cabbage	Terre Rouge	NDL	-	-
61	Chinese chives	Terre Rouge	NDL	-	-
62	Spring onion	Terre Rouge	NDL	-	-
63	Coriander	Terre Rouge	NDL	-	-
64	Indian lettuce (Brède Basmati)	Terre Rouge	NDL	-	-
65	Lettuce	Terre Rouge	NDL	-	-
66	Mustard cabbage	Terre Rouge	NDL	-	-
67	Spring onion	Terre Rouge	NDL	-	-
68	Lettuce	Terre Rouge	NDL	-	-

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

S/N	Fruits and Vegetables	Locality of Super/Auction Market	Pesticides detected	Amount (mg/kg)	MRL (mg/kg)
1	Tomato	Fond du Sac	Thiophanate methyl	0.023	1.0
2	Cherry tomato	Rivière des Anguilles	Azoxystrobin Difenoconazole Tebuconazole Thiophanate methyl	0.011 0.010 0.014 0.023	3 2 0.9 1.0
3	Bell pepper (green)	Fond du Sac	NDL	-	-
4	Celery	Tamarin	NDL	-	-
5	Zucchini	Cascavelle	Propamocarb	0.053	5
6	Beetroot	Cascavelle	NDL	-	-
7	Cucumber	Cascavelle	Propamocarb	0.029	5
8	Cauliflower	Cascavelle	NDL	-	-
9	Tomato	Cascavelle	NDL	-	-
10	Cucumber	Cascavelle	NDL	-	-

3. Results of analysis from imported samples

SN.	Fruits and Vegetables	Pesticides detected	Amount (mg/kg)	MRL (mg/kg)
1	Apple	NDL	-	-
2	Apple	NDL	-	-
3	Celery	NDL	-	-
4	Squash	NDL	-	-
5	Baby Carrot	NDL	-	-
6	Cucumber (baby)	NDL	-	-
7	Broccoli	NDL	-	-

8	Blueberry	NDL	-	-
9	Mandarin	Imazalil Imidacloprid Pyrimethanil Thiabendazole	1.0 0.016 0.90 1.9	5 1 8 8
10	Apple (green)	Thiabendazole	0.021	4
11	Apple (red)	Thiabendazole	0.013	4
12	Mandarin	Imazalil Pyrimethanil Thiabendazole	1.9 4.5 3.3	5 8 7
13	Orange	Imazalil Propiconazole Thiabendazole	2.3 0.88 1.8	8 10 7

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)