

**MINISTRY OF AGRO INDUSTRY, FOOD SECURITY, BLUE ECONOMY &
FISHERIES**

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**Pesticide Residue Analysis for samples collected by Pesticides Regulatory Office for the
Month of March 2025**

Total number of samples from Pesticides Regulatory Office: **111**

Number of samples from farm gate level: **38**

Number of samples from auction sale: **19**

Number of samples from Supermarkets: **32**

Number of samples from Retailers: **7**

Number of imported samples: **15**

Number of samples with pesticide residues exceeding MRL: **3**

Number of samples with pesticide residues not recommended: **18**

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.	Lettuce	Carreau Laliane	NDL	-	-
2.	Green Onions	Carreau Laliane	NDL	-	-
3.	Tomato	Carreau Laliane	NDL	-	-
4.	Chinese White Cabbage (Tom Pouce)	Carreau Laliane	NDL	-	-
5.	Green Onions	Carreau Laliane	NDL	-	-
6.	Pawpaw	Carreau Laliane	NDL	-	-
7.	Cabbage	Quatre Bornes	NDL	-	-
8.	Tomato (Roma)	La Marie	Azoxystrobin Boscalid Carbendazim Chlorantraniliprole Difenoconazole Tebuconazole Thiophanate-Methyl	0.180 0.240 0.017 0.059 0.230 0.550 0.042	3 3 0.5 5 2 0.7 0.5
9.	Cucumber (English)	La Marie	NDL	-	-
10.	Tomato (Cherry)	La Marie	Boscalid Chlorantraniliprole Tebuconazole	0.390 0.150 0.370	3 5 0.7

11.	Tomato (Salad)	La Marie	Azoxystrobin Boscalid Chlorantraniliprole Difenoconazole Tebuconazole	0.032 0.068 0.023 0.035 0.180	3 3 5 2 0.7
12.	Bottle gourd (Calebasse)	Pailles	NDL	-	-
13.	Papaya	Pailles	NDL	-	-
14.	Custard Apple (Atte)	Pailles	NDL	-	-
15.	Banana	Pailles	NDL	-	-
16.	Eddo (Arouille)	Pailles	NDL	-	-
17.	Thyme	Pailles	NDL	-	-
18.	Basil	Pailles	NDL	-	-
19.	Papaya	Saint-Pierre	NDL	-	-
20.	Beans	Saint-Pierre	NDL	-	-
21.	Chilly (Gros Piment)	Saint-Pierre	NDL	-	-
22.	Ginger	Terre-Rouge	NDL	-	-
23.	Ginger	Congomah	NDL	-	-
24.	Cucumber (Lebanese)	Belle - Mare	NDL	-	-
25.	Cucumber (Gherkins)	Belle - Mare	NDL	-	-
26.	Cucumber (mini)	Belle - Mare	NDL	-	-

27.	Lettuce (Tourbillion)	Belle - Mare	Carbendazim Imidacloprid Methomyl	0.014 5.800 2.300	5 NR NR
28.	Green Kale (<i>Brassica spp</i>)	Belle - Mare	Acetamiprid Carbendazim Imidacloprid Methomyl	0.220 1.100 2.500 0.610	NR NR NR NR
29.	Basil	Belle - Mare	Imidacloprid Methomyl	1.100 0.510	NR NR
30.	Lime	Piton du Milieu	NDL	-	-
31.	Chayote	Piton du Milieu	NDL	-	-
32.	Melon	Deux Bras	Tebuconazole	0.047	NR
33.	Cucumber (English)(Mini)	Deux Bras	NDL	-	-
34.	Cucumber (English)	Deux Bras	NDL	-	-
35.	Tomato (Roma)	Deux Bras	Chlorantraniliprole Tebuconazole	0.039 0.059	5 0.7
36.	Tomato (San Marzano)	Deux Bras	Chlorantraniliprole Tebuconazole	0.022 0.042	5 0.7
37.	Tomato	Nouvelle Decouverte	Tebuconazole	0.028	0.7
38.	Chilly	St-Martin	Tebuconazole	0.170	1

2. Results of analysis of samples collected at Supermarkets and Retailers

SN	Fruits and Vegetables	Locality	Pesticides detected	Amount (mg/kg)	MRL (mg/kg)
1.	Leek	Vacoas	Linuron	1.130	NR
2.	Thyme	Vacoas	Carbendazim Imidacloprid Linuron Tebuconazole	0.014 0.010 0.014 1.100	NR NR NR NR
3.	Chinese Chives (Queue L'Ail)	Vacoas	NDL	-	-
4.	Green Onions	Vacoas	NDL	-	-
5.	Chinese Cabbage (Brede Tom Pouce)	Vacoas	NDL	-	-
6.	Amaranth Leaves	Vacoas	NDL	-	-
7.	Mustard Cabbage	Vacoas	NDL	-	-
8.	Chinese White Cabbage (Baton Vert)	Vacoas	NDL	-	-
9.	Coriander	Vacoas	Linuron	0.066	NR
10.	Tomato	Mapou	NDL	-	-
11.	Banana	Mapou	NDL	-	-
12.	Pawpaw	Mapou	NDL	-	-
13.	Custard Apple (Atte)	Mapou	NDL	-	-
14.	Dragon Fruit (Pitaya)	Mapou	NDL	-	-
15.	Avocado	Mapou	NDL	-	-
16.	Citron Vert	Mapou	NDL	-	-

17.	Green Onions	Quatre Bornes	NDL	-	-
18.	Thyme	Quatre Bornes	Carbendazim Linuron	0.034 0.025	NR NR
19.	Coriander	Quatre Bornes	Linuron Metalaxyl	1.390 0.290	NR NR
20.	Chinese White Cabbage (Brede Baton Vert)	Quatre Bornes	NDL	-	-
21.	Thyme	Quatre Bornes	NDL	-	-
22.	English Cucumber	Quatre Bornes	NDL	-	-
23.	Lettuce	Forest Side	Carbendazim	0.034	5
24.	Garlic	Forest Side	NDL	-	-
25.	Sweet Potato	Forest Side	NDL	-	-
26.	Curry Leaves	Forest Side	Acetamiprid Tebuconazole	0.110 0.025	NS
27.	Eddo (Arouille)	Forest Side	NDL	-	-
28.	Beetroot	Ebene	NDL	-	-
29.	Eggplant (Aubergine)	Ebene	Propamocarb	0.040	NR
30.	Lettuce	Ebene	Carbendazim	0.043	5
31.	Tomato	Ebene	Acetamiprid	0.035	0.5
			Tebuconazole	0.029	0.7
32.	Chinese White Cabbage (Baton Vert)	Ebene	NDL	-	-

33.	Banana (Ripe)	Ebene	NDL	-	-
34.	Lettuce	Cascavelle	Carbendazim	0.790	5
			Cyromazine	0.860	3
			Pyraclostrobin	0.110	NR
35.	Chinese White Cabbage (Baton Vert)	Cascavelle	Carbendazim	0.044	NR
			Cyromazine	0.094 (Excess)	0.05
			Tebuconazole	0.670	NR
36.	Bottle gourd (Calebasse)	Cascavelle	NDL	-	-
37.	Bittergourd	Cascavelle	NDL	-	-
38.	Green Beans	Cascavelle	NDL	-	
39.	Papaya	Cascavelle	Carbendazim	0.019	0.2
			Tebuconazole	0.230	2
			Thiamethoxam	0.010	NR
			Thiophanate-Methyl	0.093	0.1

3. Results of analysis of samples collected at National Wholesale Market - Wooton

SN	Fruits and Vegetables	Locality of plantattion	Pesticides detected	Amount (mg/kg)	MRL (mg/kg)
1.	Bottle gourd (Calebasse)	Lallmatie	NDL	-	-
2.	Thai Eggplant (Anguive)	Lallmatie	Carbendazim Metalaxyl Thiophanate-Methyl	0.055 0.013 0.043	NR NR NR
3.	Chayote	Vacoas	NDL	-	-
4.	Banana (Ripe)	Quartier Militaire	NDL	-	-
5.	Cowpea (Voehm)	Riviere du Rempart	Chlorantraniliprole Tebuconazole	0.055 0.180	0.8 NR
6.	Chilly (Gros Piment)	Riviere du Rempart	Acetamiprid Chlorantraniliprole Cyromazine	0.140 0.190 0.063	0.3 0.6 1.5
7.	Banana (Green)	Lallmatie	NDL	-	-
8.	Bottle gourd (Calebasse)	Sebastopol	NDL	-	-
9.	Pineapple	Congomah	NDL	-	-
10.	Bottle gourd (Calebasse)	Saint-Pierre	Metalaxyl Tebuconazole	0.015 0.082	NR 0.2
11.	Thai Eggplant (Anguive)	Brisee Verdiere	Acetamiprid Carbendazim	0.019 0.023	0.2 NR

12.	Tomato	Saint- Pierre	NDL	-	-
13.	Bottle gourd (Calebasse)	Saint- Pierre	NDL	-	-
14.	Thyme	Montagne Longue	Carbendazim Metalaxyl	0.020 0.150	NR NR
15.	Eddo (Arouille)	Clemencia	NDL	-	-
16.	Bittergourd	Camp de Masque Pave	Acetamiprid Metalaxyl	0.016 0.048	0.3 NR
17.	Cucumber	Saint-Pierre	Acetamiprid	0.010	0.3
18.	Chilly (Piment Cari)	Ripailles	NDL	-	-
19.	Watermelon	Triolet	NDL	-	-

4. Results of analysis from Imported samples

SN	Fruits and Vegetables	Pesticides detected	Amount (mg/kg)	MRL (EU & Codex) (mg/kg)
1.	Baby Carrot	NDL	-	-
2.	Green Apple	NDL	-	-
3.	Prune	Pyrimethanil	0.048	2
4.	Orange (Navel)	Acetamiprid Azoxystrobin Difenoconazole Imazalil Thiabendazole	0.021 0.037 0.042 1.200 0.430	0.9 15 0.6 4 7
5.	Nectarine	Pyrimethanil	0.180	10
6.	Mandarin	Imazalil Pyrimethanil Thiabendazole	2.500 1.5 0.680	5 8 7
7.	Pear	Chlorantraniliprole	0.027	0.4
8.	Black Seedless Grapes(Sweet Sapphire)	Boscalid Fenhexamid	0.016 0.051	5 15
9.	Kiwi	Chlorantraniliprole Tebuconazole	0.014 (Excess) 0.019	0.01 0.02
10.	Green Grapes	Boscalid	0.041	5

11.	Red Grapes	Azoxystrobin Boscalid Difenoconazole Fenhexamid	0.130 0.020 0.150 0.013	3 5 3 15
12.	Red Apples	NDL	-	-
13.	Blueberries	Boscalid	0.072	15
14.	Baby Potato	Imidacloprid	0.031 (Excess)	0.01
15.	Oranges	Azoxystrobin Imazalil Thiabendazole	0.039 1.100 0.110	15 4 7

Source MRL: **The Use of Pesticides Act 2018 and EU/Codex Alimentarius**

MRL – Maximum Residue Level

NDL – No Detectable Level

NR – Not Recommended

NS – Not Specified