

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

Pesticides Regulatory Office, Réduit

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

Total number of samples from Pesticides Regulatory Office: 55

Number of samples from farm gate level: 12

Number of samples from Supermarkets: 12

Number of samples from Retailers: 0

Number of samples from National Wholesale Market: 25

Number of imported samples: 6

Number of samples with pesticide residues exceeding MRL: **6**

Number of samples with pesticide residues not recommended: **6**

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.	Watercress	Carreau Esnouff	NDL	-	-
2.	Watercress	Carreau Esnouff	NDL	-	-
3.	Taro leaves (Brède songe)	Carreau Esnouff	NDL	-	-
4.	Eggplant (Aubergine)	Carreau Esnouff	NDL	-	-
5.	Papaya	Carreau Esnouff	NDL	-	-
6.	Watercress	Carreau Esnouff	NDL	-	-
7.	Lady's finger	Carreau Esnouff	NDL	-	-
8.	Tomato	Carreau Esnouff	Acetamiprid	0.032	0.5
9.	Bittergourd	Trois Boutiques	NDL	-	-
10.	Tomato (Salad)	La Marie	Azoxystrobin Boscalid	0.085 0.020	3 3
11.	Tomato (Roma)	La Marie	Boscalid Chlorantraniliprole Difenoconazole Pyraclostrobin Tebuconazole	0.097 0.062 0.083 0.170 0.130	3 5 2 0.3 0.7
12.	Cucumber (English)	La Marie	NDL	-	-

2.Results of analysis of samples collected at Super markets

S.N	Fruits and Vegetables	Locality of Plantation	Pesticides detected	Amount (mg/kg)	MRL (mg/kg)
1.	Leek	St Pierre	NDL	-	-
2.	Bell pepper (Mix)	Terre Rouge	Carbendazim Thiamethoxam Thiophanate-methyl	0.034 0.160 0.360 (Excess)	0.1 NR 0.1
3.	Chinese white cabbage – Baton Vert	St Pierre	NDL	-	-
4.	Chinese white cabbage – Tom Pouce	St Pierre	NDL	-	-
5.	Chinese Chives	St Pierre	NDL	-	-
6.	Cucumber -English	Mare d’Australia	Metalaxyl	0.018 (Excess)	0.01
7.	Cabbage	Vacoas	NDL	-	-
8.	Carrot	Vacoas	Linuron	0.044	NR
9.	Bottle gourd Calebasse	Vacoas	NDL	-	-

10.	Chilly (Green)	La Marie	Acetamiprid Metalaxyl Tebuconazole	0.160 0.130 0.120	0.3 0.5 1
11.	Bell peppers (Mix)	Moka	Acetamiprid Boscalid	1.200 (Excess) 0.040	0.3 NR
12.	Cucumber (English)	Moka	Carbendazim Metalaxyl	0.016 0.013 (Excess)	0.1 0.01

2. Results of analysis of samples collected at National Wholesale Market – Wooton

S.N	Fruits and Vegetables	Locality of plantation	Pesticides detected	Amount (mg/kg)	MRL (mg/kg)
1.	Tomato	Piton	NDL	-	-
2.	Cucumber	Phoenix	Propamocarb	0.400	5
3.	Ridgegourd	Riviere du Rempart;	NDL	-	-
4.	Cucumber (White)	Nouvelle Decouverte;	NDL	-	-
5.	Chinese Radish / Rave	Moka	Metalaxyl	0.012	NR
6.	Carrot	Vacoas	Cyromazine	0.016	NR
7.	Bottle gourd - Calebasse	Camp de Masque	NDL	-	-

8.	Eddo (Arouille)	Gros Cailloux	NDL	-	-
9.	Bittergourd	Union Vale	NDL	-	-
10.	Cabbage	Glen Park	NDL	-	-
11.	Bottle gourd - Calebasse	Nouvelle France	NDL	-	-
12.	Pumpkin	Forest Side	NDL	-	-
13.	Pumpkin	St Pierre	NDL	-	-
14.	Pumpkin	Phoenix	Metalaxyl	0.016 (Excess)	0.01
15.	Chayote	Quatre Bornes	NDL	-	-
16.	Bottle gourd -Calebasse	Grande Rivière Sud Est	NDL	-	-
17.	Bittergourd	Grande Rivière Sud Est	Acetamiprid	0.070	0.3
18.	Bittergourd	L'Esperance Trebuchet	Acetamiprid	0.035	0.3
19.	Carrot	Quartier Militaire	NDL	-	-
20.	Lady's Finger - Okra	Triolet	NDL	-	-
21.	Bottle gourd -Calebasse	Dubreuil	NDL	-	-
22.	Sweet Potato	Dubreuil	NDL	-	-
23.	Bottle gourd -Calebasse	Dubreuil	NDL	-	-
24.	Thai Eggplant (Anguive)	Dubreuil	NDL	-	-
25.	Tomato	St Pierre	Metalaxyl	0.016	NR

3. Results of analysis for imported samples

S.N	Fruits and Vegetables	Pesticides detected	Amount (mg/kg)	MRL (mg/kg)
1.	Orange	Azoxystrobin Difenoconazole Imazalil Pyrimethanil Thiabendazole	0.039 0.049 0.820 1.500 0.610	15 0.6 15 8 7
2.	Kiwi - Green	NDL	-	-
3.	Red Plum	NDL	-	-
4.	Grapes, Red	NDL	-	-
5.	Avocado	Prochloraz Thiabendazole	0.033 (Excess) 0.230	0.030 15
6.	Pear	Chlorantraniliprole	0.011	0.4

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

MRL – Maximum Residue Level

NDL – No Detectable Level

NR – Not Recommended