

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 January 2025

Total number of samples from Pesticides Regulatory Office: 79

Number of samples from farm gate level: **24**

Number of samples from National Wholesale Market: **19**

Number of samples from Supermarkets/retailers: **23**

Number of imported samples: **13**

Number of samples with pesticide residues exceeding MRL: 3

Number of samples with pesticide residues not recommended: 14

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.	Cabbage	St. Pierre	NDL	-	-
2.	Bottle gourd	Piton du Milieu	NDL	-	-
3.	Tomato (San Marzano)	Deux Bras	Chlorantraniliprole	0.093	5
			Clothianidin	0.016	NR
4.	Bell Pepper	Deux Bras	Acetamiprid	0.050	0.3
			Boscalid	0.044	NR
			Chlorantraniliprole	0.290	0.6
			Clothianidin	0.150	NR
			Thiamethoxam	0.740	NR
5.	Cucumber (Green)	Deux Bras	NDL	-	-
6.	Green Onions	Creve Coeur	Acetamiprid	0.088	0.01
			Cyromazine	0.031	0.05
7.	Tomato	Rivière du Rempart	NDL	-	-

8.	Breadfruit	Pailles	NDL	-	-
9.	Sweet Potato	Pailles	NDL	-	-
10.	Mango	Pailles	NDL	-	-
11.	Thyme	Pailles	Chloroxuron	0.017	NR
12.	Chilly	Pailles	NDL	-	-
13.	Okra	Pailles	NDL	-	-
14	Tomato (Beef)	Camp de Masque Pavé	Boscalid	0.013	3
15	Tomato (Torranto)	Camp de Masque Pavé	Boscalid	0.019	3
16	Tomato (Cherry)	Camp de Masque Pavé	Boscalid	0.047	3
17	Tomato(Sorbetto)	Camp de Masque Pavé	NDL	-	-
18	Tomato(Rouben)	Camp de Masque Pavé	Boscalid	0.040	3
19	Tomato(F1 Hybrid)	Camp de Masque Pavé	Carbendazim Clothianidin	0.013 0.012	0.5 NR
20	Cucumber (English)	Camp de Masque Pavé	NDL	-	-
21	Banana	Camp de Masque Pavé	NDL	-	-
22	Pineapple	Camp de Masque Pavé	NDL	-	-

23	Banana	Camp de Masque Pavé	Metalaxyl	0.015	NR
24	Potato	Glen Park	NDL	-	-

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.	Banana	Nouvelle France	NDL	-	-
2.	Leek	Arsenal	NDL	-	-
3.	Coriander	Arsenal	Linuron Propamocarb	0.066 0.047	NR 0.05
4.	Pineapple	Camp de Masque	NDL	-	-
5.	Eddo	Petite Rivière	NDL	-	-
6.	Lettuce (Romaine)	Fond –du-Sac	NDL	-	-
7.	Lettuce (Rocket)	Fond –du-Sac	Flusilazole	0.400	NR
8.	Parsley (Flat)	Fond –du-Sac	Acetamiprid Carbendazim	0.019 0.092	NR NR

9.	Papaya	Vacoas	NDL	-	-
10.	Banana	Nouvelle France	NDL	-	-
11.	Lettuce (Romaine)	Phoenix	Acetamiprid Piperonyl butoxide Propamocarb	0.013 0.018 0.039	NR NR NR
12	Pineapple	Congomah	NDL	-	-
13	Cucumber (English)	Vacoas	Boscalid Carbendazim	0.030 0.012	3 0.1
14	Lettuce	Vacoas	Carbendazim	0.520	5
15	Eddo	Dagotièrè	Mepronil	0.029	NR
16	Onion	Centre de Flacq	NDL	-	-
17	Watercress	Dagotièrè	NDL	-	-
18	Celery	Saint Pierre	Metalaxyl	0.011	NR
19	Bell Pepper	Gros Cailloux, Black River	Acetamiprid Azoxystrobin Boscalid Difenoconazole	0.027 0.032 0.030 0.034	0.3 10 NR 0.6
20	Chinese white cabbage	Saint Pierre	NDL	-	-

21	Chinese white cabbage	Saint Pierre	NDL	-	-
22	Lettuce	Moka	NDL	-	-
23	Cucumber	Moka	Azoxystrobin	0.012	1

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

SN	Fruits and Vegetables	Locality	Pesticides detected	Amount (mg/kg)	MRL (mg/kg)
1.	Calebasse	Vacoas	NDL	-	-
2.	Tomato	La Marie, Vacoas	Acetamiprid	0.064	0.5
			Chlorantraniliprole	0.018	5
3.	Cucumber	Rivière du Rempart	NDL	-	-
4.	Eggplant	Belvedere	NDL	-	-
5.	Maize	Saint Pierre	NDL	-	-
6.	Cabbage	Les Mariannes	NDL	-	-

7.	Bittergourd	Quatres-Cocos	.NDL	-	-
8.	Thai Eggplant (Brinjal Anguive)	Lallmatie	NDL	-	-
9.	Thai Eggplant (Brinjal Anguive)	Dubreuil	NDL	-	-
10.	Cucumber	Dubreuil	NDL	-	
11	Chayote	Ripailles	NDL	-	-
12	Tomato	Vacoas	Chlorantraniliprole Cyromazine Thiophanate- methyl	0.015 0.011 0.037	5 0.6 0.5
13	Chayote	Vacoas	NDL	-	-
14	Bottlegourd	Vacoas	NDL	-	-
15	Carrot	Vacoas	NDL	-	-
16	Chayote Greens	Saint Pierre	NDL	-	-
17	Chilly	Saint Pierre	Boscalid	0.100	NR

18	Cabbage	Saint Pierre	Methomyl	0.011	NR
19	Snake Gourd	Nouvelle Deécouverte	NDL	-	-

4. Results of analysis of Imported samples

SN	Fruits and Vegetables	Pesticides detected	Amount (mg/kg)	MRL (mg/kg)
1	Strawberry	NDL	-	-
2	Lemon	Imazalil Pyrimethanil Imidacloprid Thiabendazole	0.890 2.010 0.023 0.380	15 7 1 7
3	Apple (Fiji)	NDL	-	-
4	Red Cabbage	NDL	-	-
5	Broccoli	NDL	-	-
6	Yellow Bell Pepper	Acetamiprid Azoxystrobin Bifenazate Difenoconazole	0.200 0.015 0.027 0.011	0.3 3 2 0.9
7	Red Bell Pepper	Acetamiprid Azoxystrobin Bifenazate Difenoconazole Tebuconazole	0.140 0.0160 0.048 0.015 0.045	0.3 3 2 0.9 1
8	Avocado	Procloraz	1.800 (Excess)	0.03

9	Orange	Azoxystrobin Difenoconazole	1.500 1.400 (Excess)	15 0.6
		Imazalil Pyrimethanil Thiabendazole	1.900 1.300 1.100	15 8 7
10	Red Apple	Acetamiprid Pyrimethanil	0.022 2.700	0.8 15
11	Grapefruit	Acetamiprid Imazalil	0.016 0.100	1 15
12	Red Apple	Acetamiprid	0.029	0.8
13	Sugar Plum	NDL	-	-

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

MRL – Maximum Residue Level

NDL – No Detectable Level

NR – Not Recommended