

MINISTRY OF AGRO INDUSTRY & FOOD SECURITY

Pesticides Regulatory Office, Réduit

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Pesticide Residue Analysis for samples collected by Pesticides Regulatory Office for the month of January 2022

Number of samples collected: **41**

Number of samples from farm gate level: **29**

Number of samples from supermarkets: **12**

Number of imported samples: **0**

Number of samples with pesticide residues exceeding MRL: **1**

Number of samples with pesticide residues not recommended on that crop: **5**

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	Chinese cabbage (Brède de Chine)	Quatre-Bornes	NDL	-	-
2	Bottle gourd	Forest-Side	NDL	-	-
3	Cucumber	Forest-Side	NDL	-	-
4	Lettuce	Forest-Side	NDL	-	-
5	Chayote	Forest-Side	NDL	-	-
6	Eggplant- Garden egg (Anguive)	Forest-Side	NDL	-	-
7	Eggplant	Forest-Side	NDL	-	-
8	Beetroot	Forest-Side	NDL	-	-
9	Okra	Forest-Side	NDL	-	-
10	Okra	Union Vale	Acetamiprid Carbendazim	0.025 0.020	0.25 NR

			Thiophanate-methyl	0.12	1
11	Eggplant	Union Vale	NDL	-	-
12	Bitter gourd	Union Vale, Trois-Boutiques	NDL	-	-
13	Papaya	Union Vale, Trois-Boutiques	NDL	-	-
14	Eggplant	Union Vale, Trois-Boutiques	NDL	-	-
15	Eggplant	Plaine Magnien	NDL	-	-
16	Okra	Le Challand	Metalaxyl	0.21	NR
17	Thyme	Triolet	NDL	-	-
18	Chinese white cabbage (Tompouce)	Triolet	NDL	-	-
19	Amaranth	Triolet	NDL	-	-
20	Water spinach (Brède Soufflette)	Triolet	NDL	-	-
21	Chinese white cabbage (White petiole)	Triolet	NDL	-	-
22	Coriander	Triolet	NDL	-	-
23	Parsley	Triolet	NDL	-	-
24	Chinese white cabbage (Hamchoy)	Triolet	NDL	-	-
25	Lettuce	Triolet	NDL	-	-
26	Spring Onion	Triolet	NDL	-	-
27	Lettuce	Triolet	NDL	-	-
28	Mint	Triolet	NDL	-	-
29	Chinese chives (Queue d'ail)	Triolet	NDL	-	-

2. Results of analysis of samples collected at super markets

SN.	Fruits and Vegetables	Super/Auction Market	Pesticides detected	Amount (mg/kg)	MRL (mg/kg)
1	Chayote	Cascavelle	NDL	-	-
2	Eggplant	Cascavelle	NDL	-	-
3	Leek	Cascavelle	Metalaxyl Tebuconazole	0.036 0.17 (Excess)	0.03 0.6
4	Watercress	Cascavelle	Tebuconazole	0.089	NR
5	Lettuce	Cascavelle	Boscalid Carbendazim Pyraclostrobin	0.047 0.034 0.019	NR NR NR
6	Cherry Tomato	Cascavelle	Chlorantraniliprole Thiophanate-methyl	0.025 0.058	5 1.0
7	Carrot	Grand Bay	NDL	-	-
8	Bitter gourd	Grand Bay	NDL	-	-
9	Lettuce	Grand Bay	Imidacloprid Metalaxyl Piperonyl butoxide	0.011 0.037 0.015	NR NR NR
10	Tomato (Salad)	Grand Bay	Difenoconazole Azoxystrobin	0.036 0.033	2 3
11	English Cucumber	Grand Bay	NDL	-	-
12	Carrot	Grand Bay	NDL	-	-

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

MRL – Maximum Residue Limit

NDL – No Detectable Level

NR – Not Recommended on that Crop

06 June 2022