

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 March 2022

Number of samples from Pesticides Regulatory Office: **42**

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

Number of samples from auction sale/Supermarkets: **15**

Number of imported samples: **3**

Number of samples with pesticide residues exceeding MRL: 0

Number of samples with pesticide residues not recommended on that crop: 6

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	Yam bean (Patate Chinois)	Crève Coeur	Rotenone	0.079	-
2	Spring onion	Crève Coeur	NDL	-	-
3	Chinese white cabbage (Tompouce)	Crève Coeur	NDL	-	-
4	Chinese white cabbage (Green petiole)	St Martin	Cypermethrin	0.15	NR
5	Basil	Dubreuil	Metalaxyl Tebuconazole Cypermethrin	0.024 0.22 0.22	3 2 2
6	Bottle gourd	Dubreuil	Tebuconazole Cypermethrin	0.046 0.036	0.2 0.07
7	Cabbage	Dubreuil	Metalaxyl Thiophanate-methyl Cypermethrin	0.047 0.014 0.059	0.5 0.1 NR
8	Chayote greens	Dubreuil	NDL	-	-
9	Chinese white cabbage (Tompouce)	Dubreuil	Cypermethrin	0.21	NR
10	Tomato	Deux-Bras	Acetamiprid Azoxystrobin	0.071 0.11	0.5 3

			Difenoconazole	0.10	2
11	Tomato	Deux-Bras	Acetamiprid Azoxystrobin Difenoconazole	0.075 0.11 0.11	0.5 3 2
12	Cucumber (Mini)	Deux-Bras	NDL	-	-
13	Cucumber	Deux-Bras	Azoxystrobin	0.014	1.0
14	Tomato	Mare Tabac	Cypermethrin	0.046	0.2
15	Tomato	La Flora	Lambda-cyhalothrin Cypermethrin	0.034 0.020	0.3 0.2
16	Chayote greens	Curepipe	NDL	-	-
17	Mint	Curepipe	Cypermethrin Tebuconazole	1.3 0.51	-
18	Leek	Curepipe	Cypermethrin Tebuconazole	0.93 0.13	NR 0.6
19	Okra	Dubreuil	NDL	-	-
20	Bottle gourd	Dubreuil	NDL	-	-
21	Lime	Dubreuil	Cypermethrin	0.047	2
22	Chayote	Dubreuil	Lambda-cyhalothrin Cyromazine	0.023 0.024	0.05 0.4
23	Cucumber	Britannia	NDL	-	-
24	Butternut	Britannia	NDL	-	-

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

SN.	Fruits and Vegetables	Super/Auction Market	Pesticides detected	Amount (mg/kg)	MRL (mg/kg)
1	Chinese cabbage (Petsai)	Goodlands	NDL	-	-
2	Amaranth (Brède National)	Goodlands	NDL	-	-

3	Carrot	Goodlands	NDL	-	-
4	English Cucumber	Goodlands	Thiamethoxam	0.031	NR
5	Chayote greens	Terre Rouge	NDL	-	-
6	Cabbage	Terre Rouge	NDL	-	-
7	Bottle gourd	Terre Rouge	NDL	-	-
8	Bitter gourd	Terre Rouge	NDL	-	-
9	Eggplant	Terre Rouge	Imidacloprid	0.014	NR
10	Chinese white cabbage (Tompouce)	Tamarin	NDL	-	-
11	Cabbage	Tamarin	NDL	-	-
12	Cucumber	Tamarin	Cypermethrin	0.020	0.07
13	Tomato	Tamarin	Cypermethrin	0.035	0.2
14	Tomato	Tamarin	NDL	-	-
15	Tomato	Tamarin	Acetamiprid	0.016	0.5

3. Results of analysis from imported samples

SN.	Fruits and Vegetables	Pesticides detected	Amount (mg/kg)	MRL (mg/kg)
1	Pear	NDL	-	-
2	Orange	Imazalil Thiabendazole	1.7 0.77	8 7
3	Grapes	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