

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 September 2022

Total number of samples collected: **66**

Number of samples from farm gate level: **30**

Number of samples from auction sale/Supermarkets: **28**

Number of imported samples: **8**

Number of samples with pesticide residues exceeding MRL: **2**

Number of samples with pesticide residues not recommended on that crop: **10**

Number of Improvement Notices issued: **8**

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	Zucchini	La Marie	NDL	-	-
2	Lettuce	La Marie	Boscalid Carbendazim Cypermethrin Imazalil Propamocarb Pyraclostrobin Thiophanate-methyl	0.96 0.62 0.75 0.17 12.3 0.41 1.5	NR NR NR NR NR 2.0 NR
3	Chinese White Cabbage	La Marie	NDL	-	-
4	Tomato	Mare Tabac	Cypermethrin Metalaxyl	0.028 0.031	0.2 0.3
5	Tomato	Mare Tabac	NDL	-	-
6	Tomato	Mare Tabac	NDL	-	-
7	English Cucumber	Mare Tabac	NDL	-	-

8	Cucumber (White)	Mare Tabac	NDL	-	-
9	Tomato	Plaisance	NDL	-	-
10	Cucumber	Plaisance	NDL	-	-
11	Cabbage	Cressonville	NDL	-	-
12	Chinese White Cabbage	Cressonville	NDL	-	-
13	Bean	Cressonville	NDL	-	-
14	Carrot	Wolmar	NDL	-	-
15	Chinese White Cabbage (Tom Pouce)	Wolmar	NDL	-	-
16	Cabbage	Wolmar	NDL	-	-
17	Radish	Wolmar	NDL	-	-
18	Fennel (Fenouil)	Curepipe	Tebuconazole	0.029	NS
19	Cabbage (Red)	Curepipe	NDL	-	-
20	Parsley	Curepipe	NDL	-	-
21	Mint	Curepipe	NDL	-	-
22	Lettuce	Curepipe	NDL	-	-
23	Lettuce	Goodlands	NDL	-	-
24	Cauliflower	Goodlands	Carbendazim	0.010	NR
25	Hot pepper (Piment Cari)	St Antoine	Cypermethrin Lambda-cyhalothrin Pyraclostrobin	0.069 0.050 0.029	NR 0.3 NR
26	Cucumber	Ile d'Ambre	NDL	-	-
27	Tomato	Ile d'Ambre	Carbendazim	0.017	0.5

28	Lettuce	St-Pierre	Chlorantraniliprole	1.2	20
29	Tomato	Cote D'Or	NDL	-	-
30	Bell Pepper (Green)	Cote D'Or	Carbendazim Propamocarb Thiophanate-methyl	0.037 0.094 0.054	0.1 3.0 0.1

2. Results of analysis of samples collected from markets/super markets

SN.	Fruits and Vegetables	Super/Auction Market	Pesticides detected	Amount (mg/kg)	MRL (mg/kg)
1	Tomato	Candos	Difenoconazole	0.013	2
2	Carrot	Candos	NDL	-	-
3	Eggplant	Candos	Imidacloprid	0.025	NR
4	Lettuce	Candos	NDL	-	-
5	Bottle-gourd	Candos	NDL	-	-
6	Squash	Candos	NDL	-	-
7	Banana	Candos	NDL	-	-
8	Chinese White Cabbage (Tom Pouce)	Candos	Boscalid Carbendazim Cypermethrin Cyromazine Pyraclostrobin Thiophanate-methyl	0.11 0.14 0.15 0.059 (Excess) 0.038 0.33 (Excess)	NR NR NR 0.05 NR 0.1
9	Chinese white cabbage (Baton Blanc)	Candos	NDL	-	-
10	Turmeric	Wooton	NDL	-	-
11	Butternut	Wooton	NDL	-	-
12	Lettuce	Wooton	NDL	-	-
13	Tomato	Wooton	NDL	-	-

14	Pineapple	Wooton	NDL	-	-
15	Bell Pepper (Red)	Wooton	Boscalid Carbendazim Pyraclostrobin Thiophanate-methyl	0.079 0.088 0.036 0.31 (Excess)	NR 0.1 NR 0.1
16	Lettuce	Wooton	NDL	-	-
17	Carrot	Wooton	NDL	-	-
18	Cucumber (White)	Wooton	NDL	-	-
19	English Cucumber	Wooton	Carbendazim Imidacloprid Propamocarb Thiophanate-methyl	0.025 0.012 0.011 0.027	0.1 NR 5 0.5
20	Lettuce	Wooton	NDL	-	-
21	Taro Leaves (Brède Songe)	Wooton	NDL	-	-
22	Banana	Wooton	NDL	-	-
23	Beetroot	Tamarin	NDL	-	-
24	Lettuce	Tamarin	Boscalid Pyraclostrobin	0.10 0.040	NR 2.0
25	Broccoli	Tamarin	Chlorantraniliprole Iprovalicarb	0.029 0.16	2 NR
26	Cherry Tomato	Tamarin	Azoxystrobin Benfuracarb Chlorantraniliprole Mandipropamid	0.023 0.023 0.043 0.025	3 NR 5 NR
27	Tomato	Tamarin	NDL	-	-
28	Banana	Tamarin	NDL	-	-

3. Results of analysis from imported samples

SN.	Fruits and Vegetables	Pesticides detected	Amount (mg/kg)	MRL (mg/kg)
1	Grapes (Green)	NDL	-	-

2	Grapes	NDL	-	-
3	Grapes	NDL	-	-
4	Apple (Green)	Acetamiprid	0.023	0.8
5	Apple	NDL	-	-
6	Apple	Chlorantraniliprole	0.021	0.5
7	Orange	Azoxystrobin	0.017	15
		Imazalil	1.3	8
		Thiabendazole	0.64	7
8	Lemon	Azoxystrobin	2.0	15
		Imazalil	2.5	15
		Thiabendazole	0.29	7

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

MRL – Maximum Residue Level

NDL – No Detectable Level

NR- Not recommended on that crop

NS – Not Specified in the Use of Pesticides Act