

Pesticide Residue Analysis for samples collected by Pesticides Regulatory Office for the Month of June 2019

Number of samples from Pesticides Regulatory Office: 41

Number of samples from farm gate level: 15

Number of samples from auction and super markets: 25

Number of imported sample: 1

Number of samples with pesticide residues exceeding MRL: 1

Number of samples with pesticide residues not recommended: 6

1. Results of analysis for samples collected at farm gate level

SN.	Fruits and Vegetables	Locality	Pesticides detected	Amount (mg/kg)	MRL (mg/kg)
1.	Cabbage	Plaine Sophie	NDL	-	-
2.	Chayotte	Rose Belle	NDL	-	-
3.	Ridge-gourd	Le Bouchon	NDL	-	-
4.	Eggplant	Mare Tabac	NDL	-	-
5.	Chayotte	Floréal	NDL	-	-
6.	Bottlegourd	Vacoas	NDL	-	-
7.	Bean	Plaine des Papayes	Acetamiprid Carbendazim	0.095 0.023	NS NS
8.	Tomato	Plaine des Papayes	NDL	-	-
9.	Beetroot	Poste de Flacq	NDL	-	-
10.	Eggplant	Esperance, Trébuchet	NDL	-	-
11.	Okra-Ladyfinger	Esperance, Trébuchet	NDL	-	-
12.	Bean	Plaine Sophie	NDL	-	-
13.	Ginger	Britannia	NDL	-	-
14.	Tomato	Notre Dame	Cyromazine	0.049	0.6
15.	Coriander	Notre Dame	NDL	-	-

2. Results of analysis for samples collected in supermarkets and auction markets

SN.	Fruits and Vegetables	Auction/Super Market	Pesticides detected	Amount (mg/kg)	MRL (mg/kg)
1.	Carrot	Vacoas	NDL	-	-
2.	Chilly- Hot pepper	Vacoas	Metalaxyl	0.021	NS
3.	Bean	Vacoas	Cyromazine Metalaxyl	0.6 0.047	5 0.02
4.	Chinese cabbage	Vacoas	NDL	-	-
5.	Chayotte	Vacoas	NDL	-	-
6.	Carrot	Vacoas	NDL	-	-
7.	Bean	Vacoas	Carbendazim	0.028	NS
8.	Eggplant	Vacoas	Omethoate	0.028	NS
9.	Cabbage	Vacoas	NDL	-	-
10.	Bottle-gourd	Vacoas	NDL	-	-
11.	Chayotte	Vacoas	NDL	-	-
12.	Turnip	Vacoas	NDL	-	-
13.	Beetroot	Vacoas	NDL	-	-
14.	Carrot	Vacoas	NDL	-	-
15.	Sweet pepper	Belle-Rose	Benfuracarb Hexaconazole Mandipropamid Tebuconazole Thiophanate - methyl	0.019 0.012 0.023 0.094 0.033	NS NS NS 0.6 0.1
16.	Carrot	Belle-Rose	NDL	-	-
17.	Chayotte	Belle-Rose	NDL	-	-
18.	Tomato	Belle-Rose	NDL	-	-

19.	Tomato	Belle-Rose	NDL	-	-
20.	Gherkin	Belle-Rose	NDL	-	-
21.	Cabbage	Belle-Rose	NDL	-	-
22.	Cauliflower	Bagatelle	NDL	-	-
23.	Squash	Bagatelle	Metalaxyl	0.018	0.2
24.	Gherkin	Bagatelle	Metalaxyl	0.024	0.5
25.	Cucumber	Bagatelle	Metalaxyl Piperonyl butoxide	0.016 0.02	0.5 NS

3. Results of analysis from imported samples

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

N. B: Source MRL: The Use of Pesticides Act 2018 and Codex Alimentarius

MRL – Maximum Residue Level

NDL – No Detectable Level

NS – Not Specified