

Pesticide Residue Analysis for samples collected by Pesticides Regulatory Office for the month of August 2019

Number of samples from Pesticides Regulatory Office: 85

Number of samples from farm gate level: 58

Number of samples from supermarkets: 27

Number of samples with pesticide residues exceeding MRL: 0

Number of samples with pesticide residues not recommended: 15

1. Results of analysis of samples collected at farm gates

SN.	Fruits and Vegetables	Locality	Pesticides detected	Amount (mg/kg)	MRL (mg/kg)
1.	Maize	Rose-Belle	NDL	-	-
2.	Leafy vegetable (Chayote- brède chouchou)	Mare Tabac	NDL	-	-
3.	Jackfruit	Rose-Belle	NDL	-	-
4.	Bean	Solitude	NDL	-	-
5.	Eggplant	Solitude	NDL	-	-
6.	Cauliflower	Camp de Masque Pavée	NDL	-	-
7.	Eggplant	Palmar	NDL	-	-
8.	Bottle gourd	Camp de Masque Pavée	NDL	-	-
9.	Cabbage	Camp de Masque Pavée	NDL	-	-
10.	Tomato	La Laura	Cyromazine	0.067	0.6
11.	Beetroot	La Marie	Carbendazim	0.029	NS
12.	Chayote	La Marie	NDL	-	-
13.	Bottle gourd	Sebastopol	Metalaxyl	0.012	0.5

14.	Bitter gourd	Flacq	NDL	-	-
15.	Tomato	Isidorose	Etephon	3.1	NS
16.	Bitter gourd	Quatre Cocos	NDL	-	-
17.	Local garden egg (Anguive)	Providence, Poste de Flacq	NDL	-	-
18.	Local garden egg (Anguive)	Bon Accueil	NDL	-	-
19.	Coriander	Belle Mare	Piperonyl butoxide, Cyromazine	0.041 0.058	NS NS
20.	Pumpkin	Camp de Masque	NDL	-	-
21.	Eggplant	Camp de Masque	Carbendazim, Thiophanate-methyl	0.027 0.040	NS NS
22.	Ridge gourd	Camp de Masque	NDL	-	-
23.	Tomato	Fond du Sac	Metalaxyl	0.043	0.3
24.	Bottle gourd	Fond du Sac	NDL	-	-
25.	Chilly	8ème Mille, Triolet	Tebuconazole, Metalaxyl, Boscalid, Cyromazine, Pyraclostrobin	0.048 0.23 0.14 0.28 0.049	0.6 NS NS 1.5 NS
26.	Beetroot	Ile d' Ambre	NDL		
27.	Eggplant	Ile d' Ambre	Pyridaben, Carbendazim	0.017 0.012	NS NS
28.	Carrot	Mahébourg	NDL	-	-
29.	Cabbage	Mahébourg	NDL	-	-
30.	Carrot	La Marie	NDL	-	-
31.	Cabbage	La Marie	NDL	-	-

32.	Chayote	La Marie	NDL	-	-
33.	Lettuce	La Flora	Metalaxyl	0.012	NS
34.	Cauliflower	La Flora	Metalaxyl	0.011	0.5
35.	Cucumber	Rose-Belle	Propamocarb	0.018	5
36.	Bean	Riv. Du Poste	NDL	-	-
37.	Eggplant	Plaine Magnien	NDL	-	-
38.	Chinese cabbage	Riv. Du Poste	Metalaxyl	0.011	0.5
39.	Chayote	Riv. Du Poste	NDL	-	-
40.	Leafy brassica (Brède baton blanc)	Sept Cascades, Henrietta	NDL	-	-
41.	Cabbage	Sept Cascades, Henrietta	NDL	-	-
42.	Watercress	Plaine Magnien	NDL	-	-
43.	Tomato	Mare Tabac	NDL	-	-
44.	Tomato	Long Mountain	NDL	-	-
45.	Eggplant	Long Mountain	NDL	-	-
46.	Mint	Clairfonds	Carbendazim, Linuron, Metalaxyl	0.013 0.011 0.28	NS NS NS
47.	Leafy brassica (brède Tompouce)	Clairfonds	Carbendazim, Thiophanate-methyl	0.010 0.017	NS NS
48.	Lettuce	Clairfonds	NDL	-	-
49.	Broccoli	Carreau Laliane, Vacoas	NDL	-	-
50.	Cauliflower	Carreau Laliane, Vacoas	NDL	-	-

51.	Pea (Mange tout)	Carreau Laliane, Vacoas	Tebuconazole	0.018	2
52.	Turnip cabbage	Carreau Laliane, Vacoas	NDL	-	-
53.	Chinese chives (Kim Choy)	Carreau Laliane, Vacoas	NDL	-	-
54.	Chervil	Carreau Laliane, Vacoas	NDL	-	-
55.	Parsley	Carreau Laliane, Vacoas	NDL	-	-
56.	Fennel	Carreau Laliane, Vacoas	NDL	-	-
57.	Cauliflower	St André	NDL	-	-
58.	Chilly	St André	NDL	-	-

2. Results of analysis of samples collected from supermarkets

SN	Fruits and Vegetables	Supermarket	Pesticides detected	Amount (mg/kg)	MRL (mg/kg)
1.	English cucumber	Bagatelle	NDL	--	-
2.	Potato	Bagatelle	Cyromazine, Piperonyl butoxide	0.022 0.094	0.05 NS
3.	Sweet pepper	Bagatelle	Piperonyl butoxide	0.018	NS
4.	Tomato	Bagatelle	NDL	-	-
5.	Chinese cabbage	Bagatelle	Propamocarb	0.018	NS
6.	Cabbage	Bagatelle	Metalaxyl	0.023	0.5
7.	Cabbage	Bagatelle	NDL	-	-
8.	English cucumber	Bagatelle	NDL	-	-
9.	Cabbage (Red)	Bagatelle	NDL	-	-

10.	Carrot	Bagatelle	NDL	-	-
11.	Beetroot	Bagatelle	NDL	-	-
12.	Lettuce	Bagatelle	NDL	-	-
13.	Tomato	Bagatelle	NDL	-	-
14.	Tomato	St Pierre	NDL	-	-
15.	Carrot	St Pierre	NDL	-	-
16.	Sweet pepper	St Pierre	Pyridaben, Carbendazim, Thiophanate- methyl	0.083 0.011 0.034	NS NS 0.1
17.	Carrot	St Pierre	NDL	-	-
18.	English cucumber	St Pierre	Metalaxyl	0.017	0.5
19.	Tomato	St Pierre	Azoxystrobin	0.041	3
20.	Tomato	St Pierre	NDL	-	-
21.	Carrot	Phoenix	NDL	-	-
22.	English cucumber	Phoenix	Carbendazim, Metalaxyl	0.023 0.016	NS 0.5
23.	Tomato	Phoenix	Thiophanate- methyl	0.031	1.0
24.	Cabbage	Phoenix	NDL	-	-
25.	Pumpkin	Phoenix	Propamocarb	0.055	5
26.	Bean	Phoenix	Metalaxyl	0.01	0.02
27.	Sweet pepper	Phoenix	Thiamethoxam	0.014	NS

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

MRL – Maximum Residue Level

NDL – No Detectable Level

NS – Not Specified