

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

Total number of samples analysed: 52

Number of samples from farm gate level: 20

Number of samples from supermarkets: 16

Number of imported samples: 16

Number of samples with pesticide residues exceeding MRL: 2

Number of samples with pesticide residues not recommended: 11

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.	Citrus	Candos	NDL	-	
2.	Eggplant	Candos	NDL	-	
3.	Bittergourd	Khoyratty	NDL	-	
4.	Ridge-gourd	Khoyratty	NDL	-	
5.	Cucumber	Mare d'Albert	NDL	-	
6.	Maize	New Grove	NDL	-	
7.	Banana	Rose Belle	NDL	-	
8.	Pineapple	Plaine des Papayes	Imidacloprid	0.01	NS
9.	Okra	Plaine des Papayes	NDL	-	
10.	Okra	Notre Dame	Metalaxyl Prochloraz	0.014 0.094	NS NS
11.	Bottle-gourd	Notre Dame	Metalaxyl	0.01	0.5
12.	Chayotte	Palma	NDL	-	
13.	Anguives	Palma	NDL	-	
14.	Leafy brassica- Brède baton blanc	Trou Aux Biches	Carbendazim Propamocarb	0.26 0.091	NS NS

15.	Lettuce	Trou Aux Biches	Carbendazim Propamocarb	0.72 0.20	NS NS
16.	Lettuce	Solferino No.5, Vacoas	Carbendazim Metalaxyl Thiophanate-methyl	0.27 0.072 2.7	NS NS 0.1
17.	Coriander	Solferino No.5, Vacoas	Carbendazim	0.43	NS
18.	Lettuce	Solferino No.5, Vacoas	Carbendazim	0.012	NS
19.	Parsley	Solferino No.5, Vacoas	Carbendazim	0.19	NS
20.	Lettuce	Solferino No.5, Vacoas	NDL	-	

2. Results of analysis of samples from Supermarkets

SN.	Fruits and Vegetables	Pesticides detected	Amount (mg/kg)	MRL (mg/kg)
1.	Eggplant	NDL	-	
2.	Gherkin	NDL	-	
3.	Chinese cabbage	NDL	-	
4.	Cucumber	Azoxystrobin Difenoconazole	0.010 0.012	1 NS
5.	Snake-gourd	NDL	-	
6.	Bottle-gourd	NDL	-	
7.	Cabbage	NDL	-	
8.	Beetroot	NDL	-	
9.	Carrot	NDL	-	
10.	Snake-gourd	NDL	-	
11.	Eggplant	NDL	-	
12.	Leafy brassica- Brède Tompouce	NDL	-	
13.	Cabbage	NDL	-	

14.	Carrot	NDL	-	
15.	Bottle-gourd	NDL	-	
16.	Spring onion	Imidacloprid Piperonyl butoxide	0.038 0.017	NS NS

3. Results of analysis from imported samples

SN.	Fruits and Vegetables	Pesticides detected	Amount (mg/kg)	MRL (mg/kg)
1.	Cauliflower	NDL	-	
2.	Broccoli	NDL	-	
3.	Cauliflower	NDL	-	
4.	Butternut	Cyromazine	0.014	0.4
5.	Strawberry	Azoxystrobin Difenoconazole	0.38 0.40	10 2
6.	Mandarine	Imazalil Nuarimol Pyrimethanil Thiabendazole Imidacloprid	1.3 0.010 0.62 1.5 0.021	5 NS 8 7 1
7.	Lettuce	Thiabendazole	0.019	0.01
8.	Lettuce	NDL	-	
9.	Lettuce	NDL	-	
10.	Broccoli	NDL	-	
11.	Cauliflower	NDL	-	
12.	Butternut	Imidacloprid	0.016	1
13.	Avocado	NDL	-	
14.	Broccoli	NDL	-	
15.	Broccoli	NDL	-	

16.	Lettuce	NDL	-	
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N. B: Source MRL: The Use of Pesticides Act 2018, Codex Alimentarius

MRL – Maximum Residue Level

NDL – No Detectable Level

NS – Not Specified