

146

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

Number of samples from Pesticides Regulatory Office: 38

Number of samples from farm gate level: 13

Number of samples from markets: 25

Number of samples with pesticide residues exceeding MRL: 1

Number of samples with pesticide residues not recommended: 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.	Cucumber	Mare d'Albert	NDL	-	-
2.	Chayote	Beau Climat	NDL	-	-
3.	Snake gourd	Reunion Maurel	NDL	-	-
4.	Tomato	Reunion Maurel	NDL	-	-
5.	Tomato	Ile D'Ambre	NDL	-	-
6.	Maize	Ile D'Ambre	NDL	-	-
7.	Spring onion	Trou d'Eau .Douce	NDL	-	-
8.	Spring onion	Belle Mare	Cyromazine	-	-
9.	Spring onion	Palmar	Thiophanate-methyl	0.018	NS
10.	Spring onion	Palmar	NDL	-	-
11.	Spring onion	Palmar	NDL	-	-
12.	Spring onion	Belle Mare	NDL	-	-
13.	Spring onion	Palmar	NDL	-	-

Ministry of Agro Industry  
& Food Security  
2019/203012  
03 DEC 2019  
**RECEIVED**  
CONFIDENTIAL REGISTRY  
HEAD OFFICE

MACIFGL/PESTICIDE RESIDUE ANALYSIS

## 2. Results of analysis of samples collected from markets

SN.	Fruits and Vegetables	Market	Pesticides detected	Amount (mg/kg)	MRL (mg/kg)
1.	Spring Onion	Quatre Bornes	Cyromazine Spinetoram	0.038 0.053	0.05 0.8
2.	Turnip	Quatre Bornes	NDL	-	-
3.	Broccoli	Quatre Bornes	Carbendazim Metalaxyl Thiophanate-methyl	0.17 0.32 0.55	NS 0.5 0.1
4.	Cauliflower	Quatre Bornes	Carbendazim Thiophanate-methyl	0.083 0.041	NS 0.1
5.	Local garden egg (Anguive)	Quatre Bornes	Thiophanate-methyl	0.011	2
6.	Chinese cabbage	Quatre Bornes	NDL	-	-
7.	Leafy brassica (Brède Tompouce)	Quatre Bornes	NDL	-	-
8.	Bean	Quatre Bornes	NDL	-	-
9.	Lettuce	Quatre Bornes	Carbendazim Cyromazine Hexaconazole	0.17 0.098 0.010	NS 3.0 NS
10.	Watercress	Quatre Bornes	NDL	-	-
11.	Bottle-gourd	Quatre Bornes	NDL	-	-
12.	Gherkin	Quatre Bornes	NDL	-	-
13.	Carrot	Quatre Bornes	NDL	-	-
14.	Cauliflower	Quatre Bornes	NDL	-	-
15.	Broccoli	Quatre Bornes	NDL	-	-
16.	Squash	Quatre Bornes	Carbendazim	0.012	NS
17.	Gherkin	Quatre Bornes	NDL	-	-
18.	Leafy brassica- (Brède Tompouce)	Quatre Bornes	Carbendazim	0.058	NS

19.	Chinese cabbage	Quatre Bornes	NDL	-	-
20.	Cabbage	Quatre Bornes	NDL	-	-
21.	Bean	Quatre Bornes	Cyromazine	0.026	5
22.	Bitter gourd	Quatre Bornes	NDL	-	-
23.	Ridge gourd	Quatre Bornes	NDL	-	-
24.	Tomato	Quatre Bornes	NDL	-	-
25.	Chayote	Quatre Bornes	NDL	-	-

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

MRL – Maximum Residue Level

NDL – No Detectable Level

NS – Not Specified