

MINISTRY OF AGRO INDUSTRY, FOOD SECURITY, BLUE ECONOMY & FISHERIES

Pesticides Regulatory Office, Réduit

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Pesticide Residue Analysis for samples collected by Pesticides Regulatory Office for the Month of June 2025

Total number of samples from Pesticides Regulatory Office: 84

Number of samples from farm gate level: 23

Number of samples from Supermarkets: 24

Number of samples from Retailers: 0

Number of samples from National Wholesale Market: 29

Number of imported samples: 8

Number of samples with pesticide residues exceeding MRL: 5

Number of samples with pesticide residues not recommended: 17

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.	Lettuce Batavia	Solferino	Boscalid Carbendazim Cyromazine	0.049 0.041 0.120	NR 5 3
2.	Lettuce (Jaune)	Solferino	NDL	-	-
3.	Lettuce (Noisette)	Solferino	Cyromazine Tebuconazole	0.017 0.023	3 NR
4.	Chinese white cabbage - Tompouce	Solferino	Tebuconazole	0.015	NR
5.	Lettuce (Noisette)	Solferino	NDL	-	-
6.	Lettuce (Chene Vert)	Mont Ida	Carbendazim	0.360	5
7.	Lettuce (Batavia)	Mont Ida	Carbendazim	0.055	5
8.	Lettuce (Chene Rouge)	Mont Ida	Carbendazim	0.220	5
9.	Cucumber	Plaine Sophie	Metalaxyl	0.018 (Excess)	0.01

10.	Squash	Plaine Sophie	Propamocarb Hydrochloride	0.099	5
11.	Cabbage	Plaine Sophie	NDL	-	-
12.	Carrot	Plaine Sophie	Linuron	0.140	NR
13.	Chinese white cabbage - Tompouce	Plaine Sophie	NDL	-	-
14.	Chayote	Plaine Sophie	NDL	-	-
15.	Bergamot	Pailles	NDL	-	-
16.	Banana	Pailles	NDL	-	-
17.	Chinese white cabbage - Tompouce	Pailles	NDL	-	-
18.	Gherkins	Belle-Mare	NDL	-	-
19.	Chinese white cabbage - Tompouce	Belle-Mare	Acetamiprid Chlorantraniliprole Imidacloprid Methomyl	0.280 (Excess) 0.086 0.190 0.022	0.01 2 NR NR
20.	Cauliflower	Belle-Mare	Acetamiprid Imidacloprid Methomyl	0.032 0.100 0.043	NR NR NR
21.	Fennel	Belle-Mare	Acetamiprid Chlorantraniliprole Triadimefon	0.049 0.019 0.027	NS

22.	Chinese cabbage (Petsai)	Belle-Mare	Acetamiprid Chlorantraniliprole Imidacloprid Methomyl Thiophanate-methyl	0.430 (Excess) 0.220 1.700 0.047 0.023	0.01 2 NR NR NR
23	Cabbage	Belle-Mare	Acetamiprid Carbendazim Chlorantraniliprole Imidacloprid Methomyl Thiophanate-methyl	2.400 0.054 0.790 1.300 0.067 0.210	NR NR 2 NR NR NR

2. Results of analysis of samples collected at Supermarkets

SN	Fruits and Vegetables	Locality of Plantation	Pesticides detected	Amount (mg/kg)	MRL (mg/kg)
1.	Coriander	St-Pierre	Linuron	0.110	NR
2.	Chinese white cabbage - Tompouce	St-Pierre	Carbendazim	0.020	NR
3.	Parsley	St-Pierre	NDL	-	-
4.	Tomato	Deux Bras	Clothianidin Piperonyl butoxide Tebuconazole Thiamethoxam	0.012 0.062 0.150 0.017	NR - 0.7 NR
5.	Carrot	Black River	NDL	-	-
6.	Chinese white cabbage - Tompouce	St. Pierre	Piperonyl butoxide	0.095	-
7.	Green Onions	St. Pierre	Piperonyl butoxide	0.140	-
8.	Parsley	St. Pierre	Tebuconazole	0.180	NR
9.	Amaranth Leaves	St. Pierre	Piperonyl butoxide	0.065	-
10.	Lady's finger (Okra)	Quatre Bornes	NDL	-	-
11.	Banana	Black River	NDL	-	-

12.	Lettuce	Quatre Bornes	Carbendazim	0.032	5
13.	Chinese cabbage (Petsai)	Terre-Rouge	NDL	-	-
14.	Banana	Glen Park, Vacoas	NDL	-	-
15.	Chinese white cabbage - Tompouce	St. Pierre	NDL	-	-
16.	Watercress	Terre-Rouge	Acetamiprid	0.068	NR
17.	Cucumber (White)	Mare d'Australie	NDL	-	-
18.	Eggplant (Aubergine)	Deux Bras	Thiamethoxam	0.041	NR
19.	Tomato (San Marzano)	Deux Bras	NDL	-	-
20.	Tomato	Deux Bras	Tebuconazole	0.120	0.7
21.	Pineapple	Congomah	NDL	-	-
22.	Lettuce	Chebel	Carbendazim	0.410	NR
23.	Chinese white cabbage - Tompouce	Chebel	NDL	-	-
24.	Green Onions	Chebel	Piperonyl butoxide	0.094	-

3. Results of analysis of samples collected at National Wholesale Market – Wooton

SN	Fruits and Vegetables	Locality of Plantation	Pesticides detected	Amount (mg/kg)	MRL (mg/kg)
1.	Green Beans	Goodlands	NDL	-	-
2.	Bottle gourd - Calebasse	Camp de Masque	NDL	-	-
3.	Tomato	Rivière du Rempart	NDL	-	-
4.	Eggplant	Belvédère	Acetamiprid Buprofezin Carbendazim	0.035 0.017 0.032	0.2 NR NR
5.	Tomato	Piton	NDL	-	-
6.	Chayotte	Vacoas	NDL	-	-
7.	Chayote	Vacoas	NDL	-	-
8.	White Radish (Turnip)	La Marie	NDL	-	-
9.	Chayote	La Marie	NDL	-	-
10.	Chinese white cabbage - Tompouce	La Marie	NDL	-	-

11.	Eggplant	St-Pierre	NDL	-	-
12.	Chayote	St-Pierre	NDL	-	-
13.	Carrot	Glen Park, Vacoas	NDL	-	-
14.	Chinese cabbage (Petsai)	Nouvelle Découverte	NDL	-	-
15.	Cauliflower	Camp De Masque	NDL	-	-
16.	Cabbage	St-Pierre	NDL	-	-
17.	Chayote	Glen Park, Vacoas	Acetamiprid	0.024	0.3
18.	Cucumber (White)	Vacoas	NDL	-	-
19.	Chinese white cabbage - Tompouce	St-Pierre	NDL	-	-
20.	Pineapple	Camp de Masque Pavé	NDL	-	-
21	Watercress	Clemencia	NDL	-	-
22	Watercress	Clemencia	Acetamiprid	0.019	NR

23.	Chayote	Nouvelle Découverte	NDL	-	-
24.	Cassava (Manioc)	Les Mariannes	NDL	-	-
25.	Carrot	Vacoas	NDL	-	-
26.	Cassava (Manioc)	Montagne Longue	NDL	-	-
27.	Chines white cabbage Tompouce	Vacoas	NDL	-	-
28.	Carrot	Vacoas	NDL	-	-
29.	Sweet Potato	Forest -Side	NDL	-	-

4. Results of analysis from Imported samples

SN	Fruits and Vegetables	Pesticides detected	Amount (mg/kg)	MRL (mg/kg)
1.	Bell pepper (Mix)	Acephate Flusilazole Methamidophos	0.520 (Excess) 0.060 (Excess) 0.080 (Excess)	0.01 0.01 0.01
2.	Grapefruit	Imazalil	0.200	15
3.	Pear	NDL	-	-
4.	Strawberry	NDL	-	-
5..	Grapes	Azoxystrobin Difenoconazole Imazalil Imidacloprid Tetraconazole	0.046 0.051 0.079 (Excess) 0.043 0.200 (Excess)	3 3 0.01 1 0.07
6.	Green apples	Tebuconazole	0.021	1
7	Grapes	Fenhexamid Imidacloprid	0.037 0.023	15 1
8	Strawberries	NDL	-	-

Source MRL: **The Use of Pesticides Act 2018 and Codex Alimentarius/EU**

MRL – Maximum Residue Level

NDL – No Detectable Level

NR – Not Recommended

NS – Not Specified

