

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 April 2025

Total number of samples from Pesticides Regulatory Office: **105**

Number of samples from farm gate level: **21**

Number of samples from Retailers/Supermarkets: **34**

Number of samples from National Wholesale Market: **46**

Number of imported samples: **4**

Number of samples with pesticide residues exceeding MRL: **9**

Number of samples with pesticide residues not recommended: **11**

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.	Green Onions	Montagne Longue	NDL	-	-
2.	Ginger	Crève Coeur	Propamocarb	0.052	NR
3.	Pumpkin greens (Brède Giraumon)		NDL	-	-
4.	Cassava	Crève Coeur	NDL	-	-
5.	Lettuce (Oak Leaf)	Mont Ida	Carbendazim Thiophanate-methyl	0.110 0.230 (Excess)	MRL – 5mg/Kg MRL – 0.1mg/Kg
6.	Green Onions		Carbendazim Thiophanate-methyl	0.240 0.340	NR NR
7.	Lettuce (Batavia)		Carbendazim Tebuconazole Thiophanate-methyl	0.200 0.041 0.470 (Excess)	MRL – 5mg/Kg NR MRL – 0.1mg/Kg
8.	Lettuce (Oak leaf-Red)		Carbendazim	0.027	MRL – 5mg/Kg
9.	Tomato		Carbendazim	0.01	MRL – 0.5mg/Kg

10.	Cucumber (English)		NDL	-	-
11.	Chayote	Henrietta	NDL	-	-
12.	Chayote	Vacoas	NDL	-	-
13.	Cabbage	Vacoas	Methomyl	0.012	NR
14.	Lady Finger	Pailles	NDL	-	-
15.	Lettuce - Rocket	Pailles	NDL	-	-
16.	Banana (Ripe)	Pailles	NDL	-	-
17.	Eggplant	Pailles	NDL	-	-
18.	Papaya	Pailles	NDL	-	-
19.	Kale (Brassica pp.)	Pailles	NDL	-	-
20.	Bergamot	Pailles	Azoxystrobin	0.140	NR
			Difenoconazole	0.190	NR
21.	Avocado	Pailles	NDL	-	-

2. Results of analysis of samples collected at Supermarkets and Retailers

SN	Fruits and Vegetables	Locality	Pesticides detected	Amount (mg/kg)	MRL (mg/kg)
1.	Lettuce (Batavia)	Wooton	NDL	-	-
2.	Tomato	Wooton	Carbendazim	0.011	MRL – 0.5mg/Kg
3.	Ginger	Wooton	NDL	-	-
4.	Chinese white cabbage -Tompouce	Wooton	NDL	-	-
5.	Banana (Green)	Wooton	NDL	-	-
6.	Pineapple	Wooton	NDL	-	-
7.	Chayote	Wooton	NDL	-	-
8.	Coriander	Wooton	Propamocarb	0.022	MRL – 0.05mg/Kg
			Tebuconazole	0.190	NR
9.	Carrot	Wooton	NDL	-	-
10.	Cucumber (Green)	Wooton	NDL	-	-
11.	Lady Finger	Wooton	Acetamiprid	0.120	MRL – 0.2mg/Kg
			Azoxystrobin	0.210	NR
			Metalaxyl	0.025	NR
12.	Cabbage	Wooton	NDL	-	-

13.	Chilly (Gros Piment)	Wooton	Acetamiprid Azoxystrobin Difenoconazole Metalaxyl Tebuconazole	0.70(Excess) 0.490 0.470 2.600 (Excess) 0.170	MRL – 0.3mg/Kg MRL – 3mg/Kg MRL – 0.9mg/Kg MRL – 0.5mg/Kg MRL – 1mg/Kg
14.	Eggplant	Wooton	NDL	-	-
15.	Zucchini	Wooton	Acetamiprid Propamocarb	0.029 0.110	MRL – 0.3mg/Kg MRL – 5mg/Kg
16.	Pineapple	Trianon	NDL	-	-
17.	Banana	Trianon	NDL	-	-
18.	Tomato	Trianon	Carbendazim	0.016	MRL – 0.5mg/Kg
19.	Cabbage	Trianon	NDL	-	-
20.	Chinese white cabbage-Tompouce	Trianon	Acetamiprid	0.038 (Excess)	MRL – 0.01mg/Kg
21.	Lettuce	Candos	Tebuconazole	0.028	NR
22.	Zucchini	Candos	NDL	-	-
23.	Chinese white cabbage -Tompouce	Candos	NDL	-	-

24.	Coriander	Candos	NDL	-	-
25.	Green Onions	Candos	NDL	-	-
26.	Chinese white cabbage -Tompouce	Rose-Hill	Piperonyl butoxide Thiophanate- methyl	0.045 0.017	- NR
27.	Chinese white cabbage-Tompouce	Rose-Hill	Carbendazim Piperonyl butoxide	0.015 0.039	NR -
28.	Pineapple	Rose-Hill	Piperonyl butoxide	0.048	-
29.	Eggplant (Aubergine)	Rose-Hill	NDL	-	-
30.	Cucumber (English)	Rose-Hill	NDL	-	-
31.	Lettuce	Rose-Hill	Piperonyl butoxide	0.048	-
32.	Citrus (Lemon)	Rose-Hill	NDL	-	-

33.	Bell pepper (Yellow)	Rose-Hill	Carbendazim	0.047	MRL – 0.1mg/Kg
			Clothianidin	0.025	NR
			Piperonyl butoxide	0.066	-
			Thiamethoxam	0.130	NR
			Thiophanate- methyl	0.180 (Excess)	MRL – 0.1mg/Kg
34.	Garlic	Rose-Hill	NDL	-	-

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

SN	Fruits and Vegetables	Locality of plantation	Pesticides detected	Amt (mg/kg)	MRL (mg/kg)
1.	Tomato	Bon Acceuil	NDL	-	-
2.	Eggplant	Rivière du Rempart	NDL	-	-
3.	Ridge gourd (Pipengaille)		NDL	-	-
4.	Cabbage	Plaine Sophie	NDL	-	-
5.	Bottle gourd (Calebasse)	Plaine Sophie	Propamocarb	1.0	MRL – 5mg/Kg
6.	Eggplant	Rivière du Rempart	NDL	-	-
7.	Cabbage	Plaine Sophie	NDL	-	-
8.	Watermelon	Belle-Mare	NDL	-	-

9.	Chinese white cabbage (Baton Blanc)	Montagne Longue	NDL	-	-
10.	Red cabbage	La Marie	Acetamiprid Metalaxyl	0.086 0.064 (Excess)	NR MRL – 0.06mg/Kg
11.	Carrot	Mare Longue	NDL	-	-
12.	Chinese white cabbage (Baton Blanc)	Plaine Sophie 1	NDL	-	-
13.	Lettuce	Plaine Sophie 1	NDL	-	-
14.	Bottle gourd (Calebasse)	Constance B. Bois	NDL	-	-
15.	Green Beans	Saint. Pierre	Chlorantraniliprole	0.012	MRL – 0.8mg/Kg
16.	Thai Eggplant (Bringelle Anguive)	Saint. Pierre	NDL	-	-

17.	Bottle gourd (Calebasse)	Sebastopol	NDL	-	-
18.	Cucumber	Sebastopol	Metalaxyl	0.033 (Excess)	MRL – 0.01mg/Kg
19.	Eggplant	Rivière du Rempart	NDL	-	-
20.	Chilly	Rivière du Rempart	Chlorantraniliprole	0.023	MRL – 0.6mg/Kg
21.	Bottle gourd (Calebasse)	Rivière du Rempart	Acetamiprid	0.017	MRL – 0.3mg/Kg
22.	Chayote	Nouvelle Découverte	NDL	-	-
23.	Cabbage	l’Avenir	NDL	-	-
24.	Chinese white cabbage (Tom Pouce)	Montagne Longue	Azoxystrobin Difenoconazole	0.029 0.037	NR NR
25.	Cabbage	Nouvelle Découverte	NDL	-	-
26.	Coriander	Nouvelle Découverte	NDL	-	-
27.	Cabbage	Montagne Longue	Tebuconazole	0.120	MRL – 0.7mg/Kg
28.	Cucumber	Piton du Milieu	NDL	-	-

29.	Chayote	Piton du Milieu	NDL	-	-
30.	Bottle gourd (Calebasse)	Dubreuil	NDL	-	-
31.	Eddo (Arouille)	Gros Cailloux	NDL	-	-
32.	Bottle gourd (Calebasse)	Dubreuil	NDL	-	-
33.	Cucumber (English)	Belvédère	NDL	-	-
34.	Hog Plum (Fruit de Cythère)	Vallée des Prêtres/	NDL	-	-
35.	Pineapple	Montagne Longue	NDL	-	-
36.	Coriander	La Marie	Linuron	0.098	NR
37.	Cabbage	Plaine Sophie	NDL	-	-
38.	Green Beans	l'Aventure	NDL	-	-
39.	Lady Finger Okra	l'Aventure	NDL	-	-
40.	Cabbage	Vacoas	NDL	-	-
41.	Cucumber	Vacoas	Acetamiprid Metalaxyl	0.020 0.052 (Excess)	MRL – 0.3mg/Kg MRL – 0.01mg/Kg
42.	Chayote	Plaine Sophie	NDL	-	-
43.	Thai Eggplant (Bringelle Anguive)	Plaine Sophie	NDL	-	-

44.	Pineapple	Congomah	NDL	-	-
45.	Carrot	La Marie	NDL	-	-
46.	Cabbage	Glen Park	NDL	-	-

4. Results of analysis from Imported samples

SN	Fruits and Vegetables	Pesticides detected	Amount (mg/kg)	MRL (mg/kg)
1.	Strawberries	Azoxystrobin Boscalid Difenoconazole	0.210 0.510 0.200	MRL – 10mg/Kg MRL – 6mg/Kg MRL – 2mg/Kg
2.	Pomegranate	NDL	-	-
3.	Blueberries	NDL	-	-
4.	Mandarin (Variety: Sweet C)	Azoxystrobin Difenoconazole Imazalil Thiabendazole	0.630 1.000 (Excess) 4.000 0.630	MRL – 15mg/Kg MRL – 0.6mg/Kg MRL – 15mg/Kg MRL – 7mg/Kg

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

MRL – Maximum Residue Level

NDL – No Detectable Level

NR: Not Recommended