

# MINISTRY OF AGRO INDUSTRY & FOOD SECURITY

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## **Pesticide Residue Analysis for samples collected by Pesticides Regulatory Office for the Month of July 2024**

Number of samples collected: **81**

Number of samples from farm gate level: **23**

Number of samples from supermarkets: **15**

Number of samples from auction market: **32**

Number of imported samples: **11**

**Number of samples with pesticide residues exceeding MRL: 2**

**Number of samples with pesticide residues not recommended: 7**

**Improvement Notices issued: 6**

### **1. Results of analysis of samples collected at farm gate level**

<b>SN.</b>	<b>Fruits and Vegetables</b>	<b>Locality</b>	<b>Pesticides detected</b>	<b>Amount (mg/kg)</b>	<b>MRL (mg/kg)</b>
1	Lettuce	Le Bouchon	NDL	-	-
2	Lettuce	Camp Diable	<b>Metalaxyl</b>	0.028	<b>NR</b>
3	Bottle-gourd	Camp-Diable	NDL	-	-
4	Pineapple	Belle Mare	NDL	-	-
5	Tomato	Camp de Masque Pavé	NDL	-	-
6	Pumpkin	Camp de Masque Pavé	NDL	-	-
7	Cucumber	Camp de Masque Pavé	NDL	-	-
8	Pineapple	Camp de Masque Pavé	NDL	-	-

9	Eggplant	Pailles	NDL	-	-
10	Papaya	Pailles	NDL	-	-
11	Sweet Potato	Pailles	NDL	-	-
12	Mint	Pailles	NDL	-	-
13	Turnip	Pailles	NDL	-	-
14	Radish	Pailles	NDL	-	-
15	Carrot	Pailles	NDL	-	-
16	Cabbage	Pailles	NDL	-	-
17	Coriander	Rivière Baptiste	NDL	-	-
18	Parsley (Frisé)	Rivière Baptiste	NDL	-	-
19	Parsley	Rivière Baptiste	<b>Cyromazine</b>	0.026	<b>NR</b>
20	Chinese White Cabbage (Brède Tom Pouce)	Rivière Baptiste	NDL	-	-
21	Chayote	Rivière Baptiste	NDL	-	-
22	Chayote Greens (Brède Chouchou)	Rivière Baptiste	<b>Isocarbofos</b>	0.036	<b>NR</b>
23	Bean	Ilot	NDL	-	-

## 2. Results of analysis of samples collected at supermarkets

SN.	Fruits and Vegetables	Locality	Pesticides detected	Amount (mg/kg)	MRL (mg/kg)
1	Tomato	Phoenix	Boscalid Carbendazim Thiophanate-methyl	0.058 0.014 0.110	3 0.5 0.5
2	Banana	Phoenix	NDL	-	-
3	Tomato	National Wholesale Market	NDL	-	-
4	Chayote	National Wholesale Market	NDL	-	-

5	Bell Pepper	National Wholesale Market	<b>Boscalid Pyraclostrobin</b>	0.200 0.097	<b>NR NR</b>
6	Tomato	National Wholesale Market	Boscalid Tebuconazole	0.029 0.110	3 0.7
7	Tomato	National Wholesale Market	NDL	-	-
8	Ginger	National Wholesale Market	NDL	-	-
9	Chayote	National Wholesale Market	NDL	-	-
10	Banana	National Wholesale Market	NDL	-	-
11	Cabbage	National Wholesale Market	<b>Imazalil</b>	0.011	<b>NR</b>
12	Carrot	National Wholesale Market	NDL	-	-
13	Carrot	National Wholesale Market	NDL	-	-
14	Tomato	National Wholesale Market	NDL	-	-
15	Chayote	National Wholesale Market	NDL	-	-
16	Cabbage	National Wholesale Market	NDL	-	-
17	Chayote	National Wholesale Market	NDL	-	-

18	Chinese Cabbage (Brède de Chine)	Terre Rouge	NDL	-	-
19	Spring Onion	Terre Rouge	NDL	-	-
20	Turnip	Terre Rouge	NDL	-	-
21	Mint	Terre Rouge	Acetamiprid Hexaconazole Tebuconazole	0.190 0.024 0.470	NS
22	Chinese Chives (Queue d'Ail)	Terre Rouge	NDL	-	-
23	Lettuce	Ebène	Cyromazine	0.026	3
24	Chinese White Cabbage (Brède Tom Pouce)	Ebène	NDL	-	-
25	English Cucumber	Ebène	Carbendazim	0.077	0.1
26	Cherry Tomato	Ebène	Carbendazim Propamocarb	0.040 0.033	0.5 2
27	Tomato (Salad)	Ebène	Acetamiprid Azoxystrobin	0.110 0.097	0.5 3
28	Tomato	Ebène	NDL	-	-
29	Tomato (Salad)	Ebène	Acetamiprid	0.050	0.5
30	Chinese Cabbage (Brède Blanc)	Ebène	NDL	-	-

31	Zucchini	National Wholesale Market	NDL	-	-
32	Chayote	National Wholesale Market	NDL	-	-
33	Cauliflower	National Wholesale Market	<b>Methomyl</b>	0.110	<b>NR</b>
34	Tomato	National Wholesale Market	NDL	-	-
35	Tomato	National Wholesale Market	NDL	-	-
36	Carrot	National Wholesale Market	NDL	-	-
37	<b>Cabbage</b>	<b>National Wholesale Market</b>	<b>Carbendazim Cyazofamid Metalaxyl</b>	0.031 0.150 <b>0.070 (Excess)</b>	<b>NR NR 0.06</b>
38	Chayote	National Wholesale Market	NDL	-	-
39	Chinese White Cabbage (Brède Tompouce)	National Wholesale Market	NDL	-	-
40	Tomato	National Wholesale Market	NDL	-	-
41	Cauliflower	National Wholesale Market	NDL	-	-
42	Bean	National Wholesale Market	Methoxyfenozide	0.260	2
43	Tomato	National Wholesale Market	NDL	-	-
44	Eggplant	National Wholesale Market	NDL	-	-
45	Cabbage	National Wholesale Market	Tebuconazole	0.062	0.7
46	Tomato	National Wholesale Market	Acetamiprid	0.028	0.5

47	Bean	National Wholesale Market	NDL	-	-
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### 3. Results of analysis from imported samples

SN.	Fruits and Vegetables	Pesticides detected	Amount (mg/kg)	MRL (mg/kg)
1	Pear	Chlorantraniliprole	0.018	0.4
2	Orange	Imazalil Thiabendazole	1.2 0.370	15 7
3	Mandarin	Azoxystrobin Imazalil Pyrimethanil Thiabendazole	0.025 1.8 3.9 2.2	15 15 8 7
4	Lime	Thiabendazole	0.084	7
5	Mandarin	Imazalil Methoxyfenozide Pyraclostrobin Pyrimethanil Thiabendazole	1.6 0.032 0.023 0.820 4.800	15 2 2 8 7
6	<b>Apple (Green)</b>	<b>Imazalil</b> Thiabendazole	<b>0.013 (Excess)</b> 0.012	<b>0.01</b> 4
7	Pear	Acetamiprid	0.043	0.8
8	Lemon	Imazalil Thiabendazole	1.100 1.500	15 7
9	Kiwi (Gold)	NDL	-	-
10	Kiwi	NDL	-	-
11	Mandarin	NDL	-	-

NB: Source MRL: The Use of Pesticides Act 2018 and Codex Alimentarius

MRL – Maximum Residue Level

NDL – No Detectable Level

NR – Not Recommended on that Crop

NS- Not Specified in Act