

MINISTRY OF AGRO INDUSTRY & FOOD SECURITY

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Pesticide Residue Analysis for samples collected by Pesticides Regulatory Office for the Month of February 2022

Number of samples from Pesticides Regulatory Office: **16**

Number of samples from farm gate level: **0**

Number of samples from supermarkets: **16**

Number of imported samples: **3**

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

Number of samples with pesticide residues not recommended on that crop: **4**

1. Results of analysis of samples collected at super markets and auction markets

SN.	Fruits and Vegetables	Super/Auction Market	Pesticides detected	Amount (mg/kg)	MRL (mg/kg)
1	Tomato	Beau Plan	Carbendazim Thiophanate-methyl	0.016 0.21	NR 1.0
2	Tomato	Beau Plan	Propamocarb Acetamiprid	0.11 0.022	2 0.5
3	Tomato	Beau Plan	Azoxystrobin Difenoconazole Lambda-cyhalothrin	0.041 0.036 0.022	3 2 0.3
4	Okra	Beau Vallon	Lambda-cyhalothrin	0.037	0.3
5	Sweet pepper (Green)	Beau Vallon	Carbendazim Thiophanate-methyl Cypermethrin	0.059 0.60 (Excess) 0.087	NR 0.1 NR
6	Carrots	Beau Vallon	NDL	-	-
7	Asparagus bean	Beau Vallon	Cyromazine Cypermethrin Lambda-cyhalothrin	0.19 (Excess) 0.086 0.37 (Excess)	0.05 0.7 0.2
8	Snake gourd	Beau Vallon	NDL	-	-

9	Eggplant	Beau Vallon	NDL	-	-
10	Eggplant-Garden egg (Anguive)	Beau Vallon	Azoxystrobin	0.015	NR
11	Watercress	Beau Vallon	Cypermethrin	0.27	NR
12	English Cucumber	Beau Vallon	NDL	-	-
13	Tomato	Beau Vallon	Azoxystrobin	0.073	3.0

2. Results of analysis from imported samples

SN.	Fruits and Vegetables	Pesticides detected	Amount (mg/kg)	MRL (mg/kg)
1	Grapes	Dimethomorph Fenhexamid Pyrimethanil	0.13 0.63 0.018	3 15 4
2	Grapefruit	Acetamiprid Imazalil	0.21 0.23	0.9 4
3	Orange	Azoxystrobin Imazalil Pyrimethanil Thiabendazole Cypermethrin	0.013 0.54 0.90 0.18 0.023	15 8 8 7 2

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

MRL – Maximum Residue Limit

NDL – No Detectable Level

NR – Not Recommended on that Crop

06 June 2022