

Pesticide Residue Analysis for samples collected by Pesticides Regulatory Office for the month of January 2020

Total number of samples analysed: 25

Number of samples from farm gate level: 11

Number of samples from markets/supermarkets/auction sale: 12

Number of imported samples: 2

Number of samples with pesticide residues exceeding MRL: 0

Number of samples with pesticide residues not recommended: 3

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	Cabbage	Plaine Sophie	Fipronil	NDL	-
2	Tomato	Plaine Sophie	Fipronil Metalaxyl Propamocarb	NDL 0.069 0.018	- 0.3 2
3	Cabbage	Plaine Sophie	Fipronil	NDL	-
4	Cabbage	Plaine Sophie	Fipronil	NDL	-
5	Soya Bean	Vacoas	NDL	-	-
6	Pumpkin greens	Vacoas	NDL	-	-
7	Coriander	Vacoas	NDL	-	-
8	Spring Onion	Vacoas	NDL	-	-
9	Chinese chives (Kim Choy)	Vacoas	NDL	-	-
10	Lettuce	Vacoas	NDL	-	-
11	Beetroot	Lallmatie	NDL	-	-

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

SN.	Fruits and Vegetables	Market	Pesticides detected	Amount (mg/kg)	MRL (mg/kg)
1	Thyme	Wooton	Carbendazim Metalaxyl Propoxur Lambda-cyhalothrin	1.24 1.97 0.039 1.63	NS NS NS NS
2	Watercress	Wooton	NDL	-	-
3	Pineapple	Wooton	NDL	-	-
4	Tomato	Wooton	NDL	-	-
5	Spring onion	Wooton	Cypermethrin	0.079	NS
6	Lettuce	Wooton	NDL	-	-
7	Cabbage	Wooton	NDL	-	-
8	Chinese white cabbage (white petiole)	Wooton	NDL	-	-
9	Celery	Wooton	Cyromazine Metalaxyl Tebuconazole	0.026 0.019 0.92	NS NS NS
10	Mango	Wooton	NDL	-	-
11	Banana	Wooton	NDL	-	-
12	Pawpaw	Wooton	NDL	-	-

3. Results of analysis from imported samples

SN.	Fruits and Vegetables	Pesticides detected	Amount (mg/kg)	MRL (mg/kg)
1	Bean	NDL	-	-
2	Zucchini	Metalaxyl	0.012	0.5

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

MRL – Maximum Residue Level

NDL – No Detectable Level

NS – Not Specified