

Pesticide Residue Analysis for samples collected by Pesticides Regulatory for the Month of September 2021

Number of samples collected: **80**

Number of samples from farm gate level: **76**

Number of samples from supermarket: **1**

Number of imported samples: **3**

Number of samples with pesticide residues exceeding MRL:6

Number of samples with pesticide residues not recommended:16

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	Cowpea	Plaisance	NDL	-	-
2	Bean	Plaisance	NDL	-	-
3	Chilli (green)	Plaisance	Boscalid Metalaxyl Pyraclostrobin	0.12 0.015 0.028	NR 0.5 NR
4	Cucumber	Plaisance	Metalaxyl	0.038	0.5
5	Bottle gourd	Plaisance	Azoxystrobin Difenoconazole	0.010 0.012	1.0 NR
6	Snake gourd	Plaisance	Metalaxyl	0.010	0.5
7	Tomato	Plaisance	NDL	-	-
8	Chinese chives (Queue d'ail)	La Chaumière	NDL	-	-
9	Radish	La Chaumière	NDL	-	-
10	Lettuce	La Chaumière	NDL	-	-
11	Parsley	La Chaumière	NDL	-	-
12	Spring onion	La Chaumière	NDL	-	-
13	Chinese white cabbage (Tom pouce)	La Chaumière	NDL	-	-

14	Lettuce	La Chaumière	NDL	-	-
15	Lettuce	La Chaumière	NDL	-	-
16	Lettuce	La Chaumière	Propamocarb	0.16	NR
17	Chinese white cabbage (Tom pouce)	La Chaumière	NDL	-	-
18	Spring onion	La Chaumière	Tebuconazole	0.030	NR
19	Parsley	La Chaumière	Linuron	0.067	NR
20	Chinese chives (Queue d'ail)	La Chaumière	Tebuconazole	0.064	NR
21	Eggplant	La Chaumière	NDL	-	-
22	Lettuce	Cluny	Azoxystrobin Difenoconazole	0.026 0.024	NR NR
23	Eggplant	Deux Bras	Acetamiprid	0.016	0.2
24	Tomato	Deux Bras	NDL	-	-
25	Tomato	Deux Bras	NDL	-	-
26	Tomato	Deux Bras	NDL	-	-
27	Tomato	Deux Bras	NDL	-	-
28	Tomato	Deux Bras	NDL	-	-
29	Tomato	Deux Bras	NDL	-	-
30	Cucumber (baby)	Deux Bras	Acetamiprid	0.012	0.3
31	Bell pepper	Deux Bras	NDL	-	-
32	Lettuce	Deux Bras	NDL	-	-
33	Cauliflower	Long Mountain	Metalaxyl Tebuconazole	0.29 0.24	0.5 0.7
34	Eggplant	La Chaumière	NDL	-	-

35	Chayote greens	La Chaumière	NDL	-	-
36	Chayote greens	St-Martin	NDL	-	-
37	Chayote	La Chaumière	NDL	-	-
38	Spring onion	La Chaumière	Carbendazim Cyromazine Tebuconazole	0.011 0.64 (Excess) 0.10	NR 0.05 NR
39	Lettuce	La Chaumière	NDL	-	-
40	Lettuce	La Chaumière	NDL	-	-
41	Chinese cabbage	La Chaumière	NDL	-	-
42	Lettuce	La Chaumière	NDL	-	-
43	Spring onion	La Chaumière	Cyromazine Linuron	3.5 (Excess) 0.020	0.05 NR
44	Cauliflower	Bananes	Metalaxyl	0.044	0.5
45	Broccoli	Bananes	Metalaxyl Thiophanate methyl	0.018 0.010	0.5 0.1
46	Cauliflower	Bananes	Metalaxyl	0.096	0.5
47	Cabbage	Bananes	Hexaconazole Metalaxyl	0.011 (Excess) 0.028	0.01 0.5
48	Cabbage	Bananes	Hexaconazole	0.011 (Excess)	0.01
49	Bell pepper	Bananes	Acetamiprid Azoxystrobin Carbendazim Difenoconazole Hexaconazole Thiophanate methyl	0.017 0.062 0.014 0.062 0.043 (Excess) 0.071	0.3 10.0 NR 0.6 0.01 0.1
50	Tomato	Bananes	NDL	-	-
51	Hot pepper (piment cari)	Choisy, Poste de Flacq	Imidacloprid	0.019	NR
52	Tomato	Choisy, Poste de Flacq	NDL	-	-

53	Tomato	Choisy, Poste de Flacq	Chlorantraniliprole Thiophanate methyl	0.082 0.061	5 1.0
54	Eggplant- Garden egg	Choisy, Poste de Flacq	Acetamiprid Carbendazim Tebuconazole	0.041 0.045 0.070	0.2 NR NR
55	Tomato	Choisy, Poste de Flacq	Acetamiprid Azoxystrobin Difenoconazole	0.038 0.026 0.026	0.5 3 2
56	Carrot	Glen Park	NDL	-	-
57	Chayote	Glen Park	NDL	-	-
58	Chayote	Robinson, Curepipe	NDL	-	-
59	Carrot	Robinson, Curepipe	NDL	-	-
60	Chayote	La Marie	NDL	-	-
61	Ginger	La Marie	NDL	-	-
62	Carrot	La Marie	NDL	-	-
63	Chayote	La Marie	NDL	-	-
64	Chayote	La Marie	NDL	-	-
65	Carrot	La Marie	NDL	-	-
66	Cabbage	La Marie	NDL Cypermethrin	- 0.63	- NR
67	Carrot	La Marie	Linuron	0.010	0.2
68	Eggplant	Solferino	NDL	-	-
69	Bottle gourd	Solferino	Metalaxyl	0.013	0.5
70	Tomato	Solferino	Cypermethrin Cyromazine Difenoconazole	0.21 (Excess) 0.036 0.023	0.2 0.6 2
71	Chayote	Cressonville	NDL	-	-
72	Beetroot	Cressonville	Acetamiprid Azoxystrobin Chlorantraniliprole Cypermethrin	0.025 0.025 0.029 0.11	NR NR 0.06 NR

73	Turnip	Cressonville	NDL	-	-
74	Lettuce	Cressonville	Acetamiprid Chloranthraniliprole	0.016 0.18	NR 20.0
75	Chinese cabbage (Petsai)	Cressonville	NDL	-	-
76	Chinese white cabbage (Tom pousse)	Cressonville	Isocarbofos Linuron	0.020 0.025	NR NR

2. Results of analysis of samples collected at super market

SN.	Fruits and Vegetables	Super/Auction Market	Pesticides detected	Amount (mg/kg)	MRL (mg/kg)
1	Bottle gourd	Beau Vallon	NDL	-	-

3. Results of analysis from imported samples

SN.	Fruits and Vegetables	Pesticides detected	Amount (mg/kg)	MRL (mg/kg)
1	Kiwi	Imazalil	0.010	0.01
2	Mandarin	Imazalil Pyrimethanil Thiabendazole	0.35 0.42 0.50	5 8 7
3	Orange	Imazalil Pyrimethanil	0.76 3.8	8 8

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)