

Pesticide Residue Analysis for the month of December 2018

Number of samples collected: 49

Number of samples analysed: 48

Number of molecules analysed: 182

Nine samples had residues of pesticides which are not recommended on that crop

1. Results of Analysis at Farm Gate level

SN	Fruits & Vegetables	Locality/Supplier	Pesticide detected	Amount detected (mg/kg)	MRL (mg/kg)
1	Tomato	Gravier, Rodrigues	NDL	-	
2	Brinjal	R. Banane, Rodrigues	NDL	-	
3	Tomato	N. Decouverte, Rodrigues	Thiophanate-methyl	0.012	1.0
4	Cucumber	N. Decouverte, Rodrigues	Thiophanate-methyl	0.011	0.5
5	Lemon	Gravier, Rodrigues	λ -cyhalothrin	0.11	N/S
6	Tomato	Terre Rouge, Rodrigues	λ -cyhalothrin	0.014	0.3
7	Chilli	Goodlands	λ -cyhalothrin Cypermethrin	0.015 0.071	0.3 N/S
8	Brinjal	Goodlands	Cypermethrin	0.071	0.5
9	Pipengaille	Goodlands	NDL	-	-
10	Patole	Goodlands	NDL	-	-
11	Shallot	St-Martin	NDL	-	-
12	Lettuce	St Hubert	NDL	-	-
13	Brinjal	Le Val	NDL	-	-
14	Beetroot	Beemanique	Chlorantraniliprole	<0.010	0.06
15	Tomato	La Forêt	Boscalid	0.15	N/S
16	Cucumber	Bonnefin	Boscalid	0.22	N/S
17	Banana	Pont Bon Dieu	NDL	-	-
18	Brinjal	St Julien Village	NDL	-	-
19	Anguive	St Julien Village	NDL	-	-
20	Beans	Beau Bassin	Cypermethrin	0.076	0.7
21	Bottlegourd	Beau Bassin	NDL	-	-
22	Watercress	Beau Bassin	λ -cyhalothrin Cypermethrin	0.017 0.43	N/S N/S
23	Pumpkin	Beau Bassin	NDL	-	-
24	Tomatoes	Beau Bassin	Cyromazine Propamocarb	0.024 0.206	0.6 2.0
25	Carrot	Beau Bassin	NDL	-	-
26	Potato	Beau Bassin	Cyromazine	0.011	0.05
27	Bittergourd	By-Pass C. Cassé	NDL	-	-

28	Brinjal	By-Pass C. Cassé	NDL	-	-
29	Calabash	By-Pass C. Cassé	NDL	-	-
30	Calabash	La Laura	NDL	-	-
31	Beans	La Laura	NDL	-	-
32	Tomato	Highlands, Phoenix	Formetanate	0.078	N/S
33	Lettuce	Highlands, Phoenix	NDL	-	-
34	Calabash	Bois Marchnd	NDL	-	-
35	Eggplant	Bois Marchand	NDL	-	-
36	Calabash	Camp Diable	NDL	-	-
37	Tomato	L'Escalier	Imidacloprid	0.014	NS

2. Results of Analysis of samples from Supermarkets

SN	Fruits & Vegetables	Pesticide detected	Amount detected (mg/kg)	MRL (mg/kg)
1	Rave	NDL	-	-
2	Tomato	Cypermethrin	<0.01	0.2
3	Bittergourd	Cypermethrin	0.058	0.07
4	Bottlegourd	NDL	-	-
5	Gherkin	NDL	-	-
6	Cabbage	Cypermethrin	0.081	N/S
7	Broccoli	λ -cyhalothrin Cypermethrin	0.023 0.080	0.05 N/S
8	Green beans	Cypermethrin	0.10	0.7
9	Onion	NDL	-	-
10	Cucumber	NDL	-	-

3. Results of Analysis from imported sample

SN	Fruits & Vegetables	Pesticide detected	Amount detected (mg/kg)	MRL (mg/kg)
1	Cabbage	NDL	-	-

N.B.: Source MRL: The Use of Pesticide Act 2018

MRL - Maximum Residue Level
 NDL - No detectable level
 N/S- Not specified