

## Pesticide Residue Analysis for samples collected at farm gate level for the month of November 2018

Number of samples analysed: 87

Number of samples from farm gate level: 58

Number of samples from supermarkets: 29

Number of molecules analysed: 182

**Four samples (chilli, bitter-gourd, gherkin and cucumber) had pesticide residues exceeding the Maximum Residue Level**

### 1. Results of Analysis for farm Gate level

SN	Fruits & Vegetables	Locality	Pesticide detected	Amount detected (mg/kg)	MRL (mg/kg)
1	Calabash	Haute Rive	NDL	-	-
2	Cucumber	Haute Rive	NDL	-	-
3	Beans	Haute Rive	Metalaxyl	0.017	0.02
4	Cabbage	Haute Rive	NDL	-	-
<b>5</b>	<b>Chilli</b>	<b>Ripailles</b>	<b>λ-cyhalothrin</b>	<b>0.53</b>	<b>0.3</b>
6	Beans	Côte D'or	Cypermethrin	0.27	0.7
7	Tomato	Dagotière	Azoxystrobin Cyromazine Difenoconazole	0.013 0.013 0.012	3 0.6 2
8	Carrot	Côte D'or	NDL	-	-
9	Chayote (Chouchou)	Plaine Sophie	NDL	-	-
10	Cabbage	Plaine Sophie	NDL	-	-
<b>11</b>	<b>Bittergourd</b>	<b>Pl. M settlement</b>	<b>Cypermethrin</b> Acetamiprid Azoxystrobin Carbendazim Thiophanate methyl	<b>0.70</b> 0.043 0.026 <0.010 0.078	<b>0.07</b> N/S N/S N/S 0.5
12	Brède Chouchou	Rose Belle	NDL	-	-
13	Carrot	Mare Tabac	NDL	-	-
14	Sweet potato	Mare D'Albert	NDL	-	-
15	Brinjal	Bramsthan	NDL	-	-
16	Sweet potato	Bramsthan	Tebuconazole	<0.010	N/S
17	Tomato	Bramsthan	NDL	-	-
18	Bean	Riambel	NDL	-	-
19	Chilli	Riambel	λ-cyhalothrin	0.025	0.3
20	Onions	Riambel	NDL	-	-
21	Thyme	St-Joseph	Acetamiprid Chlorantraniliprole	0.023 0.12	N/S N/S

SN	Fruits & Vegetables	Locality	Pesticide detected	Amount detected (mg/kg)	MRL (mg/kg)
22	Parsley	St-Joseph	Cypermethrin	0.055	N/S
23	Queue d'ails	St-Joseph	NDL	-	-
24	Tomato	St. Julien D'Hotman	Cyromazine Cypermethrin	<0.010 0.07	0.6 0.2
25	Brinjal	Bon Accueil	NDL	-	-
26	Chayote (Chouchou)	Nouveau-Beards	NDL	-	-
27	Chayote (Chouchou)	Plaine-Sophie	NDL	-	-
28	Cabbage	Mare-Longue	NDL	-	-
29	Carrot	Plaine-Sophie	NDL	-	-
30	Echalotte	Rivière Dragon	NDL	-	-
31	Tomato	St. Avold	Carbendazim Cypermethrin	0.011 0.021	N/S 0.2
32	Maize	St. Avold	NDL	-	-
33	Carrot	Carreau Laliane	NDL	-	-
34	Brède giraumon	Carreau Laliane	NDL	-	-
35	Coriander	Carreau Laliane	Linuron	0.036	0.1
36	Green banana	St Paul	NDL	-	-
37	Chou Navet	Carreau Laliane	NDL	-	-
38	Ridge gourd (Pipengaille)	Carreau Laliane	NDL	-	-
39	Asparagus bean (Voehm)	Carreau Laliane	NDL	-	-
40	Thyme	Carreau Laliane	NDL	-	-
41	Lettuce	Carreau Laliane	NDL	-	-
42	Beetroot	Carreau Laliane	NDL	-	-
43	Basilic	Carreau Laliane	NDL	-	-
44	Tomato	Solitude	Cyromazine $\lambda$ -cyhalothrin Cypermethrin	0.015 0.040 0.042	0.6 0.3 0.2
45	Cucumber	Solitude	Cypermethrin	0.019	0.07
46	Chilli	Solitude	Cypermethrin	0.13	N/S
47	Brinjal	Solitude	$\lambda$ -cyhalothrin	0.02	0.3
48	Cucumber	Rivière Baptiste	NDL	-	-
49	Squash	Plaine Sophie	Cypermethrin Imidacloprid	<0.01 <0.01	0.07 N/S
50	Cabbage	Plaine Sophie	NDL	-	-
51	Courgette	Plaine Sophie	NDL	-	-
52	Asparagus bean (Voehm)	Deux Bras	NDL	-	-

SN	Fruits & Vegetables	Locality	Pesticide detected	Amount detected (mg/kg)	MRL (mg/kg)
53	Calabash	Deux Bras	NDL	-	-
54	Greens (Brède malbar)	Mare Tabac	NDL	-	-
55	Lady's finger	Mon Mascal	NDL	-	-
56	Chilli	Mon Mascal	$\lambda$ -cyhalothrin	0.019	0.3
57	Asparagus bean (Voehm)	Reunion Maurel	NDL	-	-
58	Cucumber	Reunion Maurel	NDL	-	-

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

MRL - Maximum Residue Level

NDL - No detectable level

N/A- Not available

N/S- Not specified

## 2. Results of Analysis of samples from supermarkets

SN	Fruits & Vegetables	Pesticide detected	Amount detected (mg/kg)	MRL (mg/kg)
1	Sweet pepper	Carbendazim Thiophanate-methyl	<0.010 0.048	N/S 0.1
2	Tomato	Thiophanate-methyl	<0.010	1.0
3	Gherkin	NDL	-	-
4	Squash	Metalaxyl	0.011	0.2
5	Cauliflower	NDL	-	-
<b>6</b>	<b>Gherkin</b>	<b><math>\lambda</math>-Cyhalothrin</b> Metalaxyl	<b>0.12</b> 0.011	<b>0.05</b> 0.5
7	Eggplant	NDL	-	-
8	Cauliflower	NDL	-	-
9	Potato	NDL	-	-
10	Carrot	$\lambda$ -Cyhalothrin	0.014	0.05
11	Snake gourd (Patole)	Cyromazine	<0.010	0.4
<b>12</b>	<b>Cucumber</b>	<b><math>\lambda</math>- Cyhalothrin</b>	<b>0.056</b>	<b>0.05</b>
13	Green Beans	NDL	-	-
14	Brède Tompouce	NDL	-	-
15	Cucumber	NDL	-	-
16	Squash	NDL	-	-
17	Carrot	NDL	-	-
18	Gherkin	NDL	-	-
19	Sweet pepper	NDL	-	-

20	Tomatoes	NDL	-	-
21	Bittergourd	NDL	-	-
22	Cabbage	Chlorantraniliprole	0.031	2
23	Beetroot	NDL	-	-
24	Pumpkin	Propamocarb	0.180	5
25	Lettuce	Azoxystrobin	0.021	N/S
26	Chilli	$\lambda$ -cyhalothrin Cypermethrin	<0.01 0.04	0.3 N/S
27	Bittergourd	NDL	-	-
28	Ridge gourd (Pipengaille)	NDL	-	-
29	Potatoes	NDL	-	-

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MRL - Maximum Residue Level  
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