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

Under the monitoring programme, seventy five fruit and vegetable samples were collected from farm gate level and analysed for 182 pesticide residues.

One sample exceeded the Codex Maximum Residue Level.

Results of Analysis for farm Gate level

	Date received	Fruits & Vegetables	Lab. Code	Client Code	Locality	Pesticide detected	Amount detected (mg/kg)	CODEX MRL (mg/kg)
1	03.05.18	Brinjal	C/229/18	S1/8/241/18	Riambel	Cyromazine	0.018	Fruiting veg:1.0
2	03.05.18	Bitter gourd	C/230/18	S1/8/242/18	Riambel	Cypermethrins Propamocarb	0.046 < 0.010	Cucurbits:0.07 5.0
3	03.05.18	Bean	C/231/18	S1/8/243/18	Riambel	Cypermethrins	1.37	0.7
4	03.05.18	Brinjal	C/232/18	S1/8/244/18	Riambel	Spiromesifen	0.040	N/A
5	03.05.18	English Cucumber	C/233/18	PDC/S4/18/31	Grand Sable	NDL	-	-
6	03.05.18	Calabash	C/234/18	PDC/S4/18/32	Petit Sable	NDL	-	-
7	03.05.18	Lady's finger	C/235/18	PDC/S4/18/33	Petit Sable	NDL	-	-
8	03.05.18	Chayote (Chouchou)	C/236/18	CW/HE/05/01	Tamarin Falls	NDL	-	-
9	03.05.18	Tompouce	C/237/18	CW/HE/05/02	Tamarin Falls	NDL	-	-
10	03.05.18	Brinjal	C/238/18	N4/09/18/480	Roches Noires	NDL	-	-
11	03.05.18	Cucumber	C/239/18	N4/09/18/481	Roches Noires	Propamocarb	0.066	5.0
12	03.05.18	Calabash	C/240/18	N4/09/18/482	Roches Noires	NDL	-	-
13	03.05.18	Pumpkin leaves	C/241/18	N4/09/18/483	Plaine des Roches	NDL	-	-
14	03.05.18	Asparagus bean (Voehm)	C/242/18	N4/09/18/484	Plaine des Roches	Cyfluthrin	0.020	N/A
15	03.05.18	Calabash	C/243/18	E3/7/18/16	Belle Mare	NDL	-	-
16	03.05.18	Lady's finger	C/244/18	E3/7/18/17	Belle Mare	NDL	-	-
17	03.05.18	Beans	C/245/18	E3/7/18/18	Belle Mare	Chlorantraniliprole	0.041	0.8
18	10.05.18	Sponge gourd (Pipengaille)	C/258/18	E/SP/18/14	Nouvelle Decouverte	NDL	-	-
19	10.05.18	Beans	C/259/18	E/SP/18/15	Malenga	Chlorantraniliprole Tebuconazole	0.18 0.014	0.8 N/A
20	10.05.18	Banana	C/260/18	N1/03/18/485	Bois Marchand	NDL	-	-
21	10.05.18	Calabash	C/261/18	N1/03/18/486	Bois Marchand	NDL	-	-
22	10.05.18	Ladyfinger	C/262/18	N1/03/18/487	Bois Marchand	NDL	-	-
23	10.05.18	Chilli (Small)	C/263/18	N1/03/18/488	Bois Marchand	NDL	-	-
24	10.05.18	Brinjal	C/264/148	N1/03/18/489	Bois Marchand	NDL	-	-

	Date received	Fruits & Vegetables	Lab. Code	Client Code	Locality	Pesticide detected	Amount detected (mg/kg)	CODEX MRL (mg/kg)
25	10.05.18	Cabbage	C/265/18	C/Vac/MRL/18/5/4	St Martin	NDL	-	-
26	10.05.18	Calabash	C/266/18	C/Vac/MRL/18/5/2	Gros Cailloux	NDL	-	-
27	10.05.18	Greens	C/267/18	C/Vac/MRL/18/5/5	St Martin	NDL	-	-
28	10.05.18	Cucumber	C/268/18	C/Vac/MRL/18/5/3	Gros Cailloux	NDL	-	-
29	10.05.18	Asparagus bean (Voehm)	C/269/18	C/Vac/MRL/18/5/1	Gros Cailloux	NDL	-	-
30	17.05.18	Baton Blanc	C/276/18	E/SP/18/16	Dagotiere	Chlorantranilprole Spinosad	0.064 0.013	Leafy veg:20.0 Leafy veg:10.0
31	17.05.18	Chayote (Chouchou)	C/277/18	E/SP/18/17	Cote D'or	NDL	-	-
32	17.05.18	Brinjal	C/278/18	PDC/S3/07/11/18	Bouchon	NDL	-	-
33	17.05.18	Calabash	C/279/18	PDC/S3/04/12/18	Mare Tabac	NDL	-	-
34	17.05.18	Cucumber	C/280/18	PDC/S3/04/13/18	Mare Tabac	NDL	-	-
35	17.05.18	Sponge gourd (Pipengaille)	C/281/18	PDC/S3/07/14/18	Bouchon	NDL	-	-
36	17.05.18	Grapefruit	C/282/18	PDC/S3/02/15/18	Rose Belle	NDL	-	-
37	17.05.18	Banana	C/283/18	N2/03/18/490	Solitude	NDL	-	-
38	17.05.18	Asparagus bean (Voehm)	C/284/18	N2/03/18/491	Solitude	Difenoconazole	0.23	0.7
39	17.05.18	Chilli	C/285/18	N2/03/18/492	Solitude	NDL	-	-
40	17.05.18	Brinjal	C/286/18	N2/03/18/493	Solitude	Difenoconazole	< 0.010	Fruiting veg:0.6
41	17.05.18	Brinjal	C/287/18	N2/03/18/494	Solitude	NDL	-	-
42	17.05.18	Calabash	C/288/18	E3/3/18/19	Mare Providence	NDL	-	-
43	17.05.18	Lady's finger	C/289/18	E3/3/18/20	Mare Providence	NDL	-	-
44	17.05.18	Brinjal	C/290/18	E3/3/18/21	Mare Providence	NDL	-	-
45	17.05.18	Patole	C/291/18	E2/UT/18/41	St Julien Village	NDL	-	-
46	17.05.18	Asparagus bean (Voehm)	C/292/18	E2/UT/18/40	St Julien D'hotman	Thiophanate-methyl	< 0.010	N/A
47	17.05.18	Tompouce	C/293/18	C/Vac/MRL/18/05/08	Floreal	NDL	-	-
48	17.05.18	Chayote (Chouchou)	C/294/18	C/Vac/MRL/18/05/07	Floreal	NDL	-	-
49	17.05.18	Bean	C/295/18	C/Vac/MRL/18/05/06	Floreal	NDL	-	-
50	24.05.18	Baton blanc	C/300/18	PDC/S4/18/34	Bananes	Imidacloprid	0.01	N/A
51	24.05.18	Tompouce	C/301/18	PDC/S4/18/35	Bananes	Imidacloprid	0.01	N/A
52	24.05.18	Brede Chouchou	C/302/18	PDC/S4/18/36	Bananes	NDL	-	-
53	24.05.18	Chilli	C/303/18	N3/4/18/495	Petit Raffray	NDL	-	-
54	24.05.18	Tomato	C/304/18	N3/4/18/496	Petit Raffray	NDL	-	-
55	24.05.18	Bitter gourd	C/305/18	N3/4/18/497	Petit Raffray	NDL	-	-

	Date received	Fruits& Vegetables	Lab. Code	Client Code	Locality	Pesticide detected	Amount detected (mg/kg)	CODEX MRL (mg/kg)
56	24.05.18	Chilli	C/306/18	N3/5/18/498	Roche Terre	Imidacloprid	0.028	Pepper:1.0
57	24.05.18	Calabash	C/307/18	N3/5/18/499	Roche Terre	Cyromazine	<0.01	Cucumber:2.0
58	24.05.18	Asparagus bean (Voehm)	C/308/18	E3/5/18/22	Hermitage	Tebuconazole Metalaxyl Imidacloprid	0.069 0.11 <0.010	N/A N/A 2.0
59	24.05.18	Lady's finger	C/309/18	E3/5/18/23	Hermitage	NDL	-	-
60	24.05.18	Cucumber	C/310/18	E3/5/18/24	Hermitage	Metalaxyl	<0.010	0.5
61	31.05.18	Cucumber	C/315/18	CW/DA/05/07	Dubreuil	NDL	-	-
62	31.05.18	Tompouce	C/316/18	CW/DA/05/08	Dubreuil	NDL	-	-
63	31.05.18	Rave	C/317/18	CW/DA/05/09	Dubreuil	NDL	-	-
64	31.05.18	Chayote (Chouchou)	C/318/18	E/SP/18/18	Dagotière	NDL	-	-
65	31.05.18	Sponge gourd (Pipengaille)	C/319/18	E/SP/18/19	Nouvelle Decouverte	NDL	-	-
66	31.05.18	Lady's finger	C/321/18	E3/8/18/25	Ecroignard	NDL	-	-
67	31.05.18	Brinjal	C/322/18	E3/8/18/26	Ecroignard	NDL	-	-
68	31.05.18	Banana-green	C/323/18	E3/8/18/27	Ecroignard	NDL	-	-
69	31.05.18	Tomato	C/324/18	N4/03/18/500	L'Esperance Trebuchet	NDL	-	-
70	31.05.18	Bitter gourd	C/325/18	N4/06/18/501	Rivière du Rempart	Imidacloprid Carbendazim	0.014 0.096	N/A N/A
71	31.05.18	Lady's finger	C/326/18	N4/06/18/502	Rivière du Rempart	Carbendazim	0.011	N/A
72	31.05.18	Snake gourd (Patole)	C/327/18	N4/03/18/503	Esperance Trebuchet	NDL	-	-
73	31.05.18	Calabash	C/328/18	N4/06/18/504	Rivière du Rempart	NDL	-	-
74	31.05.18	Lady's finger	C/329/18	N4/06/18/505	Rivière du Rempart	NDL	-	-
75	31.05.18	Sponge gourd (Pipengaille)	C/330/18	N4/06/18//506	Rivière du Rempart	Methomyl Propamocarb	<0.010 0.35	N/A 5.0

N.B.: Source CODEX MRL: FAO and WHO 2018

NDL - No detectable level.

MRL - Maximum Residue Level

N/A- Not available