

HOW SAFE IS YOUR FOOD FROM FARM

December, 2021

1. A total of fifteen **Green Chilli** & fifteen **Guava samples** were collected randomly in the month of **December, 2021** from the market in the area of Charminar, Monda market & Mehdipatnam. The samples were analysed for pesticide residues using validated method with confirmatory analysis on LC-MS/MS & GC-MS/MS at 0.010 ppm (Parts per million) level.

2. **Thirteen** samples are found with pesticide residues in Green Chilli and all the detected pesticide are **below** FSSAI MRLs. No pesticides are detected in Guava samples.

Table-1: Details of pesticides detected in Green Chilli samples

Sl. No.	Collection Point	Sample code	Pesticides detected	Recommended/ Non recommended (CIBRC)	Residues mg/kg	FSSAI MRL mg/kg
1	Charminar	LCN/PRA/21/12/0190	Thiamethoxam	Recommended	0.07	0.50
			Carbendazim	Recommended	0.15	-
			Imidacloprid	Recommended	0.06	0.30
			Tricyclazole	Recommended	0.03	0.30
			Lambda cyhalothrin	Recommended	0.08	0.05
2	Charminar	LCN/PRA/21/12/0192	Thiamethoxam	Recommended	0.11	0.50
			Carbendazim	Recommended	0.22	-
			Imidacloprid	Recommended	0.11	0.30
			Tricyclazole	Recommended	0.05	0.30
			Cyfluthrin	Not-recommended	0.20	-
3	Charminar	LCN/PRA/21/12/0193	Thiamethoxam	Recommended	0.08	0.50
			Carbendazim	Recommended	0.16	-
			Imidacloprid	Recommended	0.06	0.30

			Tricyclazole	Recommended	0.04	0.30
			Lambda cyhalothrin	Not-recommended	0.09	-
4	Monda market	LCN/PRA/21/12/0194	Chlorantraniliprole	Recommended	0.02	0.60
5	Monda market	LCN/PRA/21/12/0195	Chlorantraniliprole	Recommended	0.03	0.60
6	Monda market	LCN/PRA/21/12/0196	Chlorantraniliprole	Recommended	0.02	0.60
7	Monda market	LCN/PRA/21/12/0197	Chlorantraniliprole	Recommended	0.03	0.60
8	Monda market	LCN/PRA/21/12/0198	Chlorantraniliprole	Recommended	0.03	0.60
9	Mehdipatnam	LCN/PRA/21/12/0199	Acetamiprid	Recommended	0.04	0.60
			Chlorantraniliprole	Recommended	0.15	0.60
			Profenofos	Recommended	0.90	-
10	Mehdipatnam	LCN/PRA/21/12/0200	Acetamiprid	Recommended	0.02	2.00
			Chlorantraniliprole	Recommended	0.10	0.60
			Profenofos	Recommended	1.36	-
			Deltamethrin	Recommended	0.02	0.05
11	Mehdipatnam	LCN/PRA/21/12/0201	Acetamiprid	Recommended	0.02	2.00
			Chlorantraniliprole	Recommended	0.07	0.60
			Profenofos	Recommended	0.67	-
12	Mehdipatnam	LCN/PRA/21/12/0202	Acetamiprid	Recommended	0.02	2.00
			Chlorantraniliprole	Recommended	0.09	0.60
			Profenofos	Recommended	0.90	-
13	Mehdipatnam	LCN/PRA/21/12/0203	Acetamiprid	Recommended	0.03	2.00
			Chlorantraniliprole	Recommended	0.10	0.60
			Profenofos	Recommended	0.95	-

Note: MRL- Maximum Residue Limit, CIBRC- Central Insecticide Board & Registration committee