

## HOW SAFE ARE YOUR VEGGIES PROJECT

January, 2020

Twenty **vegetable (Indian beans and Cluster beans) samples** were collected randomly in the month of January, 2020 from the market in the area of Mehdipatnam.

The samples were analysed for pesticide residues using validated method with confirmatory analysis on GC-MS/MS and LC-MS/MS at 10 ppb (Parts per Billion) level.

Total Twenty (20) samples analysed and sixteen samples found contaminated with two pesticide residues (Table-1). No samples are found with pesticide above FSSAI MRLs.

Table-1: Details of pesticides detected in vegetable (Beans) samples

Sl. No.	Collection Point	Sample code	Pesticides Detected	Recommended/ Non recommended	Residues (mg/kg)	FSSAI MRL (mg/kg)
1	Mehdipatnam	LCN/PRA/20/01/0023	Triazophos	Not-Recommended	0.07	-
2	Mehdipatnam	LCN/PRA/20/01/0024	Triazophos	Not-Recommended	0.07	-
3	Mehdipatnam	LCN/PRA/20/01/0025	Triazophos	Not-Recommended	0.09	-
4	Mehdipatnam	LCN/PRA/20/01/0026	Triazophos	Not-Recommended	0.07	-
5	Mehdipatnam	LCN/PRA/20/01/0027	Triazophos	Not-Recommended	0.07	-
6	Mehdipatnam	LCN/PRA/20/01/0028	Triazophos	Not-Recommended	0.08	-
7	Mehdipatnam	LCN/PRA/20/01/0029	Triazophos	Not-Recommended	0.07	-
8	Mehdipatnam	LCN/PRA/20/01/0030	Triazophos	Not-Recommended	0.07	-
9	Mehdipatnam	LCN/PRA/20/01/0031	Triazophos	Not-Recommended	0.04	-
10	Mehdipatnam	LCN/PRA/20/01/0032	Triazophos	Not-Recommended	0.04	-
11	Mehdipatnam	LCN/PRA/20/01/0033	Lambda Cyhalothrin	Not-Recommended	0.07	-
12	Mehdipatnam	LCN/PRA/20/01/0035	Lambda Cyhalothrin	Not-Recommended	0.08	-
13	Mehdipatnam	LCN/PRA/20/01/0036	Lambda Cyhalothrin	Not-Recommended	0.09	-
14	Mehdipatnam	LCN/PRA/20/01/0039	Lambda Cyhalothrin	Not-Recommended	0.08	-
15	Mehdipatnam	LCN/PRA/20/01/0041	Lambda Cyhalothrin	Not-Recommended	0.08	-
16	Mehdipatnam	LCN/PRA/20/01/0042	Lambda Cyhalothrin	Not-Recommended	0.09	-