

HOW SAFE ARE YOUR VEGGIES PROJECT

March, 2021

Twenty **vegetable (Green chilli) samples** were collected randomly in the month of March, 2021 from the market in the areas of Mehdipatnam, Siddipet and Mahabubabad.

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

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

Table-1: Details of pesticides detected in Green chilli vegetable samples

Sl. No.	Collection Point	Sample code	Pesticides detected	Recommended/ Non recommended	Residues mg/kg	FSSAI MRL mg/kg
1	Mehdipatnam	LCN/PRA/21/03/0027	Bifenthrin	Recommended	0.22	-
2	Mehdipatnam	LCN/PRA/21/03/0028	Bifenthrin	Recommended	0.26	-
3	Mehdipatnam	LCN/PRA/21/03/0029	Bifenthrin	Recommended	0.25	-
4	Mehdipatnam	LCN/PRA/21/03/0030	Bifenthrin	Recommended	0.23	-
5	Mehdipatnam	LCN/PRA/21/03/0031	Bifenthrin	Recommended	0.21	-
6	Mehdipatnam	LCN/PRA/21/03/0032	Bifenthrin	Recommended	0.22	-
7	Mehdipatnam	LCN/PRA/21/03/0033	Bifenthrin	Recommended	0.21	-
8	Mahabubabad	LCN/PRA/21/03/0111	Profenofos	Recommended	0.62	-
9	Mahabubabad	LCN/PRA/21/03/0112	Profenofos	Recommended	0.68	-
10	Mahabubabad	LCN/PRA/21/03/0113	Profenofos	Recommended	0.59	-
11	Mahabubabad	LCN/PRA/21/03/0114	Profenofos	Recommended	0.60	-

Note: MRL- Maximum Residue Limit