

## HOW SAFE ARE YOUR VEGGIES PROJECT

February, 2021

Twenty **vegetable (Green chilli) samples** were collected randomly in the month of February, 2021 from the market in the areas of Shadnagar, Uppal and Rajendranagar.

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 five samples found contaminated with pesticide residues. Three samples are found with one 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	Shadnagar	LCN/PRA/21/02/0183	Hexaconazole	Recommended	0.06	0.50
2	Shadnagar	LCN/PRA/21/02/0184	Hexaconazole	Recommended	0.05	0.50
3	Rajendranagar	LCN/PRA/21/02/0251	<b>Fipronil</b>	Recommended	<b>0.17</b>	<b>0.01</b>
4	Rajendranagar	LCN/PRA/21/02/0252	<b>Fipronil</b>	Recommended	<b>0.21</b>	<b>0.01</b>
5	Rajendranagar	LCN/PRA/21/02/0253	<b>Fipronil</b>	Recommended	<b>0.19</b>	<b>0.01</b>