

HOW SAFE IS YOUR FOOD FROM FARM PROJECT

June, 2021

Twenty Vegetables (**OKRA**) samples were collected randomly in the month of June, 2021 from the market in the area of Mehidipatnam, Gudimalkapur, Dairy farm & Budvel.

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 three samples found contaminated with pesticide residues. No sample was found above FSSAI MRLS.

Table-1: Details of pesticides detected in Okra vegetable samples.

Sl. No.	Collection Point	Sample code	Pesticides detected	Recommended / Non recommended	Residues mg/kg	FSSAI MRL mg/kg
1	Gudimalkapur	LCN/PRA/21/06/0142	Chlorantraniliprole	Recommended	0.04	0.30
2	Dairyfarm	LCN/PRA/21/06/0144	Acephate	Recommended	0.06	-
3	Dairyfarm	LCN/PRA/21/06/0147	Chlorantraniliprole	Recommended	0.05	0.30
4	Dairyfarm	LCN/PRA/21/06/0147	Lambdacyhalothrin	Recommended	0.04	2.00

Note: MRL- Maximum Residue Limit