

HOW SAFE ARE YOUR VEGGIES PROJECT

November, 2018

Twenty **Tomato samples** were collected randomly in the month of November, 2018 from the markets in the areas of Mehidipatnam and Shamshabad.

The samples were analyzed 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 two samples found contaminated with two pesticide residues (Butachlor and Indoxacarb) (Table-1). No sample found to have above FSSAI MRLs.

Table-1: Details of pesticides detected in Tomato samples

Sl. No.	Collection Point	Sample code	Pesticides Detected	Recommended/ Non recommended	Residues (mg/kg)	FSSAI MRL (mg/kg)
1	Shamshabad	RS1/1499/18-19	Butachlor	Not Recommended	0.06	-
2	Shamshabad	RS1/1501/18-19	Indoxacarb	Recommended	0.02	0.5