

HOW SAFE ARE YOUR VEGGIES PROJECT

October, 2018

Twenty **Cabbage samples** were collected randomly in the month of October, 2018 from the markets in the areas of Shamshabad and Budvel.

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 five samples found contaminated with two pesticide residues (Alachlor and Malathion) (Table-1). No sample found to have above FSSAI MRLs.

Table-1: Details of pesticides detected in Cabbage samples

Sl. No.	Collection Point	Sample code	Pesticides Detected	Recommended/ Non recommended	Residues (mg/kg)	FSSAI MRL (mg/kg)
1	Shamshabad	RS1/1292/18-19	Alachlor	Not Recommended	0.10	-
2	Shamshabad	RS1/1293/18-19	Alachlor	Not Recommended	0.07	-
3	Shamshabad	RS1/1294/18-19	Alachlor	Not Recommended	0.21	-
4	Shamshabad	RS1/1295/18-19	Alachlor	Not Recommended	0.10	-
5	Shamshabad	RS1/1298/18-19	Malathion	Not Recommended	0.05	3