

How Safe are your Veggies Project

March, 2017

Okra samples

Fifty Okra samples were collected randomly in the month of **March, 2017** from the markets in the areas of Shamshabad, Gudimalkapur, Mettuguda and Secunderabad.

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.

Out of 50 samples, 11 samples were found contaminated with **two pesticides** residues (Table 1) and no FSSAI & CODEX, MRLs are available for these two detected pesticides in Okra.

Table 1: Details of Pesticide detected in Okra samples

Sl. No.	Name of the pesticide	Recommended / non-recommended	FSSAI MRL, mg/Kg	CODEX MRL, mg/Kg
1.	Acephate	Non -recommended	NA	NA
2.	Bifenthrin	Non -recommended	NA	NA

*NA – Not available