

How Safe are your Veggies Project
September, 2016
GREEN CHILLI

Fifty Green Chilli samples were collected randomly from the markets in the areas of Shamshabad, Mehedipatnam, Lingampally, Kothapet of Hyderabad, during the Month of September, 2016.

The samples were analyzed for 156 types of pesticide Residues using validated method with confirmatory analysis on LC-MS/MS and GC-MS/MS at 10 ppb (parts per billion) level.

Out of 50 samples analyzed, 32 samples were detected with pesticide (s) residues and the residues in 26 samples are above FSSAI MRLs. Out of 13 pesticides detected in various green chilli samples, the residues of 7 pesticides which are not recommended for use on chilli are detected.

Sl. No.	Name of the pesticide	Remarks
1	Acephate	Non Recommended
2	Bifenthrin	Non Recommended
3	Carbendazim	Non Recommended
4	Cypermethrin	Non Recommended
5	Monocrotophos	Non Recommended
6	Triazophos	Non Recommended