

NATIONAL INSTITUTE OF PLANT HEALTH MANAGEMENT

Department of Agriculture, Cooperation and Farmers Welfare Ministry of Agriculture and Farmers Welfare Government of India



Rajendranagar, Hyderabad-500030, Telangana State

HOW SAFE ARE YOUR VEGGIES PROJECT APRIL, 2017 BRINJAL SAMPLES

Fifty Brinjal samples were collected randomly in the month of **April, 2017** from the markets in the areas of Gudimalkapur, Mehdipatnam 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.

Out of 50 samples, two samples were found contaminated with **Ethion** residues (0.07 mg/kg, 0.16 mg/kg) and no samples are above FSSAI & CODEX, MRLs in these two detected samples.

Ethion (a miticide) is not recommended for use on Brinjal as per Insecticide, Act.

Details of Pesticide detected in Brinjal samples

Sl. No.	Name of the pesticide	Recommended / non- recommended	FSSAI MRL, mg/Kg	CODEX MRL, mg/Kg
01	Ethion	Non -recommended	1.00	NA

^{*}NA - Not available