

# HOW SAFE IS YOUR FOOD FROM FARM

Month -January, 2022

1. A total of Fifteen **Brinjal & Fifteen Grapes samples** were collected randomly in the month of **January, 2022** from the market in the area of Charminar, Monda market & Mehdiapatnam. The samples were analyzed for pesticide residues using validated method with confirmatory analysis on LC-MS/MS & GC-MS/MS at 0.01 ppm (Parts per million) level.

3. **One Brinjal and thirteen Grapes samples** are found with pesticide residues. All the detected pesticides are below the FSSAI MRLs.

**Table-1: Details of pesticides detected in Brinjal samples**

Sl. No.	Collection Point	Sample code	Pesticides detected	Recommended/ Non recommended (CIBRC)	Residues mg/kg	FSSAI MRL mg/kg
1	Monda Market	LCN/PRA/22/01/0223	Quinalphos	Not-Recommended	0.04	-

Note: MRL- Maximum Residue Limit

**Table-1: Details of pesticides detected in Grape samples**

Sl. No.	Collection Point	Name of the sample Sample code	Pesticides detected	Recommended/ Non recommended (CIBRC)	Residues mg/kg	FSSAI MRL mg/kg
1	Mehdiapatnam	LCN/PRA/22/01/0214	Thiamethoxam	Not-Recommended	0.04	-
			Imidacloprid	Not-Recommended	0.11	1.00
			Acetamiprid	Not-Recommended	0.04	-
			Tricyclazole	Not-Recommended	0.04	-
2	Mehdiapatnam	LCN/PRA/22/01/0216	Thiamethoxam	Not-recommended	0.05	-
			Monocrotophos	Not-recommended	0.14	1.00
			Acetamiprid	Not-recommended	0.04	-
			Lambda cyhalothrin	Recommended	0.03	0.05
3	Charminar	LCN/PRA/22/01/0217	Monocrotophos	Not-recommended	0.22	1.00
			Imidacloprid	Not-recommended	0.11	1.00

			Tricyclazole	Not-recommended	0.05	-
4	Monda market	LCN/PRA/22/01/0224	Monocrotophos	Not-recommended	0.11	1.00
			Lambdacyhalothrin	Recommended	0.05	0.05
5	Monda market	LCN/PRA/22/01/0225	Pyraclostrobin	Recommended	0.03	2.00
			Lambdacyhalothrin	Recommended	0.04	0.05
6	Monda market	LCN/PRA/22/01/0226	Pyraclostrobin	Recommended	0.03	2.00
			Lambdacyhalothrin	Recommended	0.03	0.05
7	Monda market	LCN/PRA/22/01/0227	Metalaxyl	Recommended	0.09	1.00
			Pyraclostrobin	Recommended	0.06	2.00
8	Monda market	LCN/PRA/22/01/0228	Imidacloprid	Not-recommended	0.07	1.00
			Acetamiprid	Not-recommended	0.03	-
			Tricyclazole	Not-recommended	0.03	-
9	Charminar	LCN/PRA/22/01/0234	Mandipropamid	Recommended	0.07	2.00
10	Charminar	LCN/PRA/22/01/0235	Metalaxyl	Recommended	0.05	1.00
			Mandipropamid	Recommended	0.07	2.00
			Pyraclostrobin	Recommended	0.04	2.00
			Lambdacyhalothrin	Recommended	0.03	0.05
11	Charminar	LCN/PRA/22/01/0236	Acetamiprid	Not-recommended	0.03	-
			Lambda cyhalothrin	Recommended	0.03	0.05
12	Charminar	LCN/PRA/22/01/0237	Metalaxyl	Recommended	0.09	1.00
			Lambdacyhalothrin	Recommended	0.04	0.05
13	Charminar	LCN/PRA/22/01/0238	Imidacloprid	Not-recommended	0.07	1.00
			Metalaxyl	Recommended	0.05	1.00
			Azoxystrobin	Recommended	0.27	2.00
			Mandipropamid	Recommended	0.11	2.00
			Pyraclostrobin	Recommended	0.05	2.00
			Tebuconazole	Recommended	0.05	6.00