

# HOW SAFE IS YOUR FOOD FROM FARM

September, 2021

1. A total of Fifteen **Tomato & Fifteen Apple samples** were collected randomly in the month of September, **2021** from the market of Mehdipatnam & Gudimalkapur. The samples were analysed for pesticide residues using validated method with confirmatory analysis on LC-MS/MS at 10 ppb (Parts per Billion) level.

2. Pesticide Residues are not detected in Tomato samples. However, in grapes samples, a total of eleven samples are found with pesticide residues and seven samples with one pesticide are above FSSAI MRLs.

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

Sl. No.	Collection Point	Sample code	Pesticides detected	Recommended/ Non recommended (CIBRC)	Residues mg/kg	FSSAI MRL mg/kg
1.	Mehdipatnam	LCN/PRA/21/09/0177	<b>Difenaconazole</b>	<b>Recommended</b>	<b>0.03</b>	<b>0.01</b>
			Tebuconazole	Recommended	0.04	1.00
2.	Mehdipatnam	LCN/PRA/21/09/0178	Tebuconazole	Recommended	0.03	1.00
3.	Mehdipatnam	LCN/PRA/21/09/0180	Tebuconazole	Recommended	0.05	1.00
4.	Mehdipatnam	LCN/PRA/21/09/0181	Tebuconazole	Recommended	0.03	1.00
5.	Mehdipatnam	LCN/PRA/21/09/0182	Tebuconazole	Recommended	0.04	1.00
6	Gudimalkapur	LCN/PRA/21/09/0184	<b>Difenaconazole</b>	<b>Recommended</b>	<b>0.03</b>	<b>0.01</b>
			Tebuconazole	Recommended	0.04	1.00
7	Gudimalkapur	LCN/PRA/21/09/0185	<b>Difenaconazole</b>	<b>Recommended</b>	<b>0.07</b>	<b>0.01</b>
8	Gudimalkapur	LCN/PRA/21/09/0186	<b>Difenaconazole</b>	<b>Recommended</b>	<b>0.03</b>	<b>0.01</b>
9	Gudimalkapur	LCN/PRA/21/09/0187	<b>Difenaconazole</b>	<b>Recommended</b>	<b>0.05</b>	<b>0.01</b>
10	Gudimalkapur	LCN/PRA/21/09/0188	<b>Difenaconazole</b>	<b>Recommended</b>	<b>0.07</b>	<b>0.01</b>
			Tebuconazole	Recommended	0.03	1.00
11	Gudimalkapur	LCN/PRA/21/09/0189	<b>Difenaconazole</b>	<b>Recommended</b>	<b>0.05</b>	<b>0.01</b>

Note: MRL- Maximum Residue Limit, CIBRC- Central Insecticide Board & Registration committee