

GOVERNMENT OF INDIA  
MINISTRY OF FOOD PROCESSING INDUSTRIES  
**LOK SABHA**  
**UNSTARRED QUESTION NO. 2003**  
ANSWERED ON 31<sup>ST</sup> JULY, 2025

**INITIATIVES FOR REDUCING FOOD WASTE**

**2003. : SHRI AMRINDER SINGH RAJA WARRING:**

Will the Minister of FOOD PROCESSING INDUSTRIES be pleased to state:

- (a) whether the Government has undertaken any assessment study to quantify food loss occurring at the farm-gate, during transportation, and in the processing stage across major agri-value chains in Punjab;
- (b) if so, the key findings, particularly concerning perishable commodities like fruits, vegetables and dairy;
- (c) whether the Government is coordinating with other Ministries (such as Agriculture, Consumer Affairs, etc.) and State Government to develop a cross-sectoral action plan to minimize food loss;
- (d) if so, the details of such coordinating mechanisms;
- (e) whether the Government plans to incentivize innovations such as decentralized processing, improved logistics or packaging solutions that directly address food waste reduction and if so, the details thereof; and
- (f) if not, the reasons therefor?

**ANSWER**

THE MINISTER OF STATE FOR FOOD PROCESSING INDUSTRIES  
(SHRI RAVNEET SINGH)

(a) & (b) The Ministry of Food Processing Industries (MoFPI) had commissioned a study through NABARD Consultancy Services Pvt. Ltd. (NABCONS), namely, “Study to determine Post harvest losses of Agri Produce in India” in 2022 with reference year 2020-22. The scope of the study was to assess post-harvest losses with respect to 54 crops/commodities across the country including the state of Punjab. The details of estimated loss of various agri-produce selected in Punjab during various stages of processing are as below:

Sr. No.	Crop Name	Estimated Loss (%)	
		Farm Operations	Market Level
1.	Capsicum	1.49	2.82
2.	Citrus	3.62	1.78
3.	Green Pea	4.77	1.89
4.	Maize	4.04	2.87
5.	Milk	0.51	0.12
6.	Mushroom	5.45	1.25
7.	Muskmelon	3.23	2.25
8.	Paddy	2.7	0.45
9.	Potato	4.91	0.66
10.	Sugarcane	3.15	1.23
11.	Wheat	2.84	1.71

(c) & (d) MoFPI co-ordinates with other Ministries and organizations to unlock the full potential and holistic development of India’s food processing sector. MoFPI co-ordinates with

following Ministries, Departments, State Governments and autonomous bodies of Government of India:

- MoFPI co-ordinates with the Ministry of Commerce & Industry to boost exports and promote FDI (Foreign Direct Investment) in the FPI sector. Further, the Ministry in co-ordination with Agricultural & Processed Food Products Export Development Authority (APEDA) takes initiatives like organising buyers-sellers meet, industry consultations, etc. for promotion of exports of processed food products.
- MoFPI co-ordinates with Ministry of Agriculture and Farmers Welfare for identifying clusters for promoting processing and value addition. Additionally, National Bank for Agriculture and Rural Development (NABARD) is also implementing schemes NABARD Special Food Processing Fund, Agriculture Infrastructure Fund (AIF) - NABARD etc. for supporting FPI sector.
- MoFPI co-ordinates with FSSAI on various issues related to quality and standards for the processed food products.
- State Governments implements PM Formalisation of Micro food processing Enterprises (PMFME), a Centrally Sponsored Scheme of MoFPI to enhance competitiveness of individual micro-enterprises in the unorganized segment, to promote formalization and to support individual enterprises / FPOs/ SHGs along the entire value chain. As a part of implementation of the said scheme there is regular consultation and coordination with the State Governments.

(e) & (f) MoFPI is actively incentivizing innovation in the food processing sector, particularly through its two autonomous institutions namely, National Institute of Food Technology Entrepreneurship and Management, Kundli, Haryana (NIFTEM-K) and National Institute of Food Technology Entrepreneurship and Management, Thanjavur, Tamil Nadu. This collaboration focuses on fostering innovation, entrepreneurship, and collaboration to strengthen the sector.

NIFTEMs, have developed a technology, called SURAKSHIT, that transforms agri-food processing waste into fully biodegradable, bio-based packaging material, offering a sustainable alternative to conventional plastics. This technology showcases a waste-to-resource approach, converting agro-waste into a useful product while promoting a circular economy.

In order to promote and ensure overall development of Food Processing Industries, Ministry of Food Processing Industries (MoFPI) has been incentivizing setting up/expansion of related infrastructure through its Central Sector schemes. MoFPI is implementing Pradhan Mantri Kisan SAMPADA Yojana (PMKSY) Scheme, Production Linked Incentive Scheme for Food Processing Industry (PLISFPI) and Centrally Sponsored PMFME Scheme across the country for promoting food processing, improved logistics, etc that also addresses the issue of post-harvest losses.

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