

GOVERNMENT OF INDIA  
MINISTRY OF FOOD PROCESSING INDUSTRIES  
**LOK SABHA**  
**UNSTARRED QUESTION NO. 1872**  
ANSWER ON 01.08.2023

**SPOILAGE OF FRUITS AND VEGETABLES**

**1872. SHRI GNANATHIRAVIAM S.:**  
**SHRI RAMESH CHANDRA MAJHI:**

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

- (a) whether the Government has any national level data about the volume of fruits and vegetables which go waste in the absence of processing infrastructure and if so, the details thereof, State-wise, for the last three years;
- (b) whether the Government is taking any concrete steps to address the aforesaid issue and if so, the details thereof;
- (c) whether any new mechanism related to processing and adequate storage infrastructure have been developed in the country to stop rotting of ripening fruits and vegetables and if so, the details thereof along with its results during the last three years; and
- (d) the details of funds allocated and utilized for this purpose during the said period, scheme and year-wise?

**ANSWER**

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

(a): The Ministry of Food Processing Industries (MoFPI), Government of India estimates harvest and post-harvest losses from time to time for various agri-produces in the country through commissioning of studies based on primary surveys. Two studies were commissioned by the Ministry through:

(i) Indian Council of Agriculture Research (ICAR) -Central Institute of Post-Harvest Engineering & Technology (CIPHET), Ludhiana on “Assessment of Quantitative Harvest and Post-Harvest Losses of Major Crops and Commodities in India”, 2015; and

(ii) NABARD Consultancy Service Pvt. Ltd (NABCONS) on “Study to Determine Post-Harvest Losses of Agri Produces in India”, 2022.

The estimated percentage of harvest and post-harvest losses of fruits and vegetables is as follows:

Commodities	Estimated Percentage Loss	
	As per ICAR-CIPHET Study (2015)	As per NABCONS study (2022)
Fruits	6.70-15.88	6.02-15.05
Vegetables	7.32-12.44	4.87-11.61

No state-specific estimates of harvest and post-harvest losses for agricultural produce including fruits & vegetables have been captured in the study.

(b) & (c): In order to ensure overall development of Food Processing Industries in the country including that of fruits and vegetables, MoFPI implements Central Sector Umbrella Scheme Pradhan Mantri Kisan Sampada Yojana (PMKSY), since 2016-17, Production Linked Incentive Scheme for Food Processing Industry (PLISFPI), since 2021-22 and Centrally sponsored Pradhan Mantri Formalization of Micro Food Processing Enterprises (PMFME) Scheme, since 2020-21. The objective of these schematic interventions is to increase the level of processing and preservation of agri-produce including that of fruits and vegetables thereby reducing the wastage/rotting of the fruits and vegetables.

(d): The details of the fund allocated and utilized under these schemes is as below:

Scheme	2020-21		2021-22		2022-23	
	Allocation	Expenditure	Allocation	Expenditure	Allocation	Expenditure
PMKSY	750	667.05	791	713.5	673	561.92
PMFME	400	394.59	399	289.85	290	274.76
PLISFPI	0	0	10	7.38	801	489.83

*Rupees in Crore*

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