

GOVERNMENT OF INDIA  
MINISTRY OF FOOD PROCESSING INDUSTRIES  
**LOK SABHA**  
**UNSTARRED QUESTION NO. 1773**  
ANSWERED ON 05<sup>TH</sup> DECEMBER, 2024

**POST-HARVEST LOSSES**

**1773. SHRI VAMSI KRISHNA GADDAM:**

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

- (a) whether it is a fact that India loses an estimated 5-10% of perishable food during transportation and if so, the steps taken/being taken to improve logistics to reduce this loss; and
- (b) the details of the total monetary loss due to post-harvest losses including crop-specific data for cereals, pulses, oilseeds, fruits and vegetables during 2018-23?

**ANSWER**

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

(a). 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 details of estimated loss of perishable food during transportation reported in the study are as under:

Category	Estimated Loss (%)	
	At Farm level	At Market level
Fruits	0.27-1.41	0.50-1.30
Vegetables	0.11-0.85	0.12-1.57
Milk	0.21	0.12
Egg	0.30	0.39
Meat	-	0.02
Poultry meat	-	0.02
Inland fish	0.14	0.14
Marine fish	0.42	0.52

MoFPI implements Central Sector Umbrella Scheme-Pradhan Mantri Kisan Sampada Yojana (PMKSY) since 2016-17 to create post-harvest infrastructure and processing facilities to boost the overall development of the food processing sector including reduction in post-harvest losses, enhancing value addition etc. The component schemes under PMKSY are (i) Mega Food Parks (the component has been

discontinued with effect from 01.04.2021 with provision for committed liabilities only) (ii) Integrated Cold Chain and Value Addition Infrastructure, (iii) Infrastructure for Agro-processing Clusters, (iv) Creation of Backward and Forward Linkages (The component has been discontinued from 1st April 2021) (v) Creation / Expansion of Food Processing & Preservation Capacities and (vi) Operation Greens. MoFPI provides credit linked financial assistance (capital subsidy) in the form of grants-in-aid to entrepreneurs for setting up of food processing/preservation infrastructure which, interalia, includes cold storages to minimize post-harvest losses. As on 31<sup>st</sup> October, 2024, 1187 projects have been approved under PMKSY.

Apart from MoFPI, Ministry of Agriculture and Farmers Welfare has also launched the Agriculture Infrastructure Fund (AIF) Scheme in July 2020 under the Atmanirbhar Bharat package in order to improve post-harvest infrastructure and create community farming assets. The AIF Scheme facilitates sanction of medium to long term loans by Banks and other lending institutions for the setting up of cold storage facilities, warehouses and processing units, aimed at reducing crop wastage and enhancing value addition.

(b). As per the above said study conducted by NABCONS in 2022 with reference year 2020-22, the estimated monetary post-harvest loss for various commodities are as below:

<b>Category</b>	<b>Estimated monetary loss (Rs. in crore)</b>
Cereals	26000.79
Pulses	9289.21
Oilseeds	10924.97
Fruits	29545.07
Vegetables	27459.08
Plantation crops	16412.56
Livestock produce	29871.41
Eggs	3287.32

Crop-specific data for cereals, pulses, oilseeds, fruits and vegetables are at **Annexure**.

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## ANNEXURE

ANNEXURE REFERRED TO IN REPLY TO PART (b) OF LOK SABHA UNSTARRED QUESTION NO. 1773 FOR ANSWER ON 5<sup>th</sup> DECEMBER, 2024 ON “POST-HARVEST LOSSES”

Commodities	Crops	Estimated Post-harvest monetary loss (Rs. in Crore)
<b>Cereals, Pulses and Oilseeds</b>	Paddy	12296.67
	Wheat	9883.45
	Maize	2256.16
	Bajra	864.37
	Sorghum	700.14
	Pigeon Pea	2067.07
	Chick pea	4985.45
	Black gram	866.50
	Green gram	1370.19
	Mustard	2541.38
	Cottonseed	289.29
	Soybean	4736.14
	Safflower	4.61
	Sunflower	46.99
	Groundnut	3306.56
	<b>Fruits &amp; Vegetables</b>	Apple
Banana		5777.01
Citrus		4347.13
Grapes		1562.08
Guava		2217.05
Mango		10581.92
Papaya		786.10
Sapota		263.13
Pineapple		303.74
Pomegranate		1533.08
Muskmelon		232.30
Cabbage		1230.05
Cauliflower		1696.87
Green Pea		2288.30
Mushroom		221.90
Onion		5156.32
Potato		5733.84
Tomato		5921.15
Tapioca		642.50
Bottlegourd		338.67
Brinjal	1989.50	
Beans	758.95	
Radish	252.13	
Capsicum	105.13	
Okra	1123.77	

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