

GOVERNMENT OF INDIA
MINISTRY OF FOOD PROCESSING INDUSTRIES
LOK SABHA
UNSTARRED QUESTION NO. 1843
ANSWERED ON 11TH DECEMBER, 2025
STUDY TO ASSESS POST HARVEST LOSSES

1843. SHRI BHOJRAJ NAG:
DR. HEMANT VISHNU SAVARA:
SHRI CHINTAMANI MAHARAJ:
SHRI JAGDAMBIKA PAL:
SHRI CHANDRA PRAKASH JOSHI:
SHRI GANESH SINGH:
SHRI BIBHU PRASAD TARAI:
DR. HEMANG JOSHI:

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

- (a) whether the Government has recently conducted any national level study to assess post-harvest losses in various crops;
- (b) if so, the details of key findings thereof;
- (c) the major schemes currently being implemented to reduce post-harvest losses, especially in perishable crops processing and Cold Chain Infrastructure and the progress made under the said schemes so far particularly in Palghar district in Maharashtra;
- (d) whether the Government has taken any steps to increase private sector participation in strengthening storage, processing and cold-chain infrastructure;
- (e) if so, the details thereof; and
- (f) the details of the work done and funds allocated for Rajasthan, especially in Chittorgarh, Pratapgarh, Udaipur districts in Rajasthan, Palghar district in Maharashtra?

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 details of estimated loss of various commodities reported in the study are as under:

Post-harvest losses of major crops and commodities

Crops/ Commodities	Estimated Percentage Loss
<i>Cereals</i>	3.89-5.92
<i>Pulses</i>	5.65-6.74
<i>Oil Seeds</i>	2.87-7.51
<i>Fruits</i>	6.02-15.05
<i>Vegetables</i>	4.87-11.61
<i>Plantation Crops & Spices</i>	1.29-7.33
<i>Milk</i>	0.87
<i>Fisheries (Inland)</i>	4.86
<i>Fisheries (Marine)</i>	8.76
<i>Meat</i>	2.34
<i>Poultry</i>	5.63
<i>Egg</i>	6.03

(c) to (e): The Ministry of Food Processing Industries (MoFPI) through implementation of various initiatives and schemes viz. Pradhan Mantri Kisan SAMPADA Yojana (PMKSY), Prime Minister Formalization of Micro Food Processing Enterprises (PMFME) and Production Linked Incentive Scheme for Food Processing Industries (PLISFPI) aims for the overall development of

food processing sector. Under various component of the aforementioned schemes, the MoFPI provides financial assistance for creation of modern infrastructure with efficient supply chain management from farm gate to retail outlet. The infrastructure created and assistance provided aims at providing better returns to farmers, creation of employment opportunities, reducing wastage, increasing the processing level and enhancing the export of the processed foods.

The Ministry of Food Processing Industries (MoFPI) implements Central Sector umbrella scheme – Pradhan Mantri Kisan Sampada Yojana (PMKSY) since 2017-18 across the country. The components scheme under PMKSY are (i) Integrated Cold Chain & Value Addition Infrastructure (ii) Creation/ Expansion of Food Processing and Preservation Capacities (CEFPPC scheme), (iii) Operation Greens (OG scheme), (iv) Creation of Infrastructure for Agro Processing Clusters (APC scheme), (v) Mega Food Parks (MFP scheme- discontinued w.e.f. 01.04.2021) and (vi) Creation of Backward and Forward Linkages (CBFL scheme- discontinued w.e.f. 01.04.2021).

The schemes are demand driven and proposals are invited by floating Expression of Interest from time to time based on availability of funds. Under these component schemes, MoFPI provides financial support in the form of grants-in-aid/ subsidy for setting up of food processing projects thereby creating both processing and preservation infrastructure facilities including cold chain infrastructure. The facilities created under the component schemes help in preservation & processing of raw farm produce and efficient transport of raw & finished processed food products thereby reducing post-harvest losses of farm produce. The progress made under the above said schemes of MoFPI is placed at **Annexure-I**.

Further, these scheme allows participation not only by government agencies, but also by private firms, companies, cooperatives, NGOs, FPOs, individuals etc. in setting up cold-chain/ processing/ storage units etc. provided they meet eligibility conditions.

(f): The status of PMKSY, PMFME and PLISFPI for the state of Rajasthan is placed at **Annexure-II**.

Under PMKSY, as on date, there are no approved projects in Chittorgarh, Pratapgarh, districts of Rajasthan. The details of Udaipur district in Rajasthan and Palghar district in Maharashtra are placed at **Annexure-III**.

Under PLISFPI, 6 projects have been approved with committed investment of Rs. 244.82 and actual investment is Rs. 279.94 in the state of Rajasthan. As on date, there are no approved projects in Chittorgarh, Pratapgarh and Udaipur districts in Rajasthan and Palghar district in Maharashtra.

Under PMFME, the status of Chittorgarh, Pratapgarh and Udaipur districts in Rajasthan is as below:

For Chittorgarh district,

- **Credit Linked Subsidy: 40** loans sanctioned with approved subsidy of Rs. 2.73 cr.
- **Seed capital: 217** SHG members approved for Rs. 0.72 cr.

For Pratapgarh district,

- **Credit Linked Subsidy: 19** loans sanctioned with approved subsidy of Rs. 0.99 cr.
- **Seed capital: 178** SHG members approved for Rs. 0.47 cr.

For Udaipur district,

- **Credit Linked Subsidy: 79** loans sanctioned with approved subsidy of Rs. 5.05 cr.
- **Seed capital: 137** SHG members approved for Rs. 0.40 cr.

For Palghar district in Maharashtra,

- **Credit Linked Subsidy: 343** loans sanctioned with approved subsidy of Rs. 7.68 cr.
- **Seed capital: 543** SHG members approved for Rs. 1.54 cr.

ANNEXURE REFERRED TO IN REPLY TO PART (c) TO (e) OF LOK SABHA UNSTARRED QUESTION NO. 1843 FOR ANSWER ON 11TH DECEMBER, 2025 ON “STUDY TO ASSESS POST HARVEST LOSSES”

A. Progress under PMKSY scheme

Details of projects under different sub-schemes of PMKSY as on 31.10.2025										
S N	Scheme	Approved Project s	Completed/Operational	PC (in Crores)	Approved GIA (in Crores)	Released GIA (in Crores)	Processing (LMT/Annum)	Preservation (LMT/Annum)	Employment	Farmer s Benefited
1	APC	67	22	592.07	184.04	146.09	4.80	1.92	17133	81300
2	BFL	60	53	605.79	143.31	138.44	4.03	3.36	28958	388116
3	CC	404	300	8122.28	2215.11	2195.29	118.31	26.47	180000	2865600
4	CEFPPC	518	343	5317.07	1257.67	1228.69	76.40	0.00	128398	71488
5	FTL	205	171	762.04	335.98	330.15	0.00	0.00	6327	0
6	MFP	41	25	2929.84	1221.96	1124.24	10.96	18.55	70979	60277
7	OG	41	15	709.01	169.00	158.34	4.28	0.54	22034	111024
8	R&D	257	227	93.91	91.82	81.77	0.00	0.00	0	0
9	Skill	26	25	18.55	9.00	9.03	0.00	0.00	0	0
	Total	1619	1181	19150.56	5627.89	5412.05	218.77	50.84	453829	3577805

Details of PMKSY projects in Palghar District, Maharashtra								
Sr. No	Schemes	Project Name	Sector	Project Cost (In Cr.)	Approved Grant-in-aid (Rs. in Cr)	Released Grant-in-aid (Rs. in Cr)	Processing capacity LMT/Annum	Preservation capacity LMT/Annum
1	Cold Chain Scheme	Heritage Foods Limited	Dairy	46.06	9.82	7.23	0.27	0.20
2	Cold Chain Scheme	Bharat E Kiran technologies Pvt.Ltd	Irradiation	23.45	7.22	0.00		0.051

B. Progress of PMFME across the country

S.No.	Components	Overall Achievement
1	Credit Linked Subsidy- Individual Enterprises	1,62,744
2	Credit Linked Subsidy- Common Infrastructure	101
3	Seed Capital (No. of SHG Members approved with Amount sanctioned)	3,65,935 SHG members for Rs.1244.95 Cr
4	Incubation Centre Approved	76 Incubation Centers with an outlay of Rs. 208.11 Cr in-24 States/UTs approved. 21 commissioned
5	Branding & Marketing	27

As on 31.10.2025

For Palghar district in Maharashtra,

Credit Linked Subsidy: 343 loans sanctioned with approved subsidy of Rs. 7.68 cr.

Seed capital: 543 SHG members approved for Rs. 1.54 cr.

C. Progress under PLISFPI scheme

The applications approved under various components of the PLI Scheme are as under:

S. No.	Scheme	Segment	No. of approvals	Total
1	Category –I of PLISFPI	RTE/RTC	12	53
		F&V	27	
		Marine	10	
		Mozzerrella Cheese	4	
2	Category –II of PLISFPI	Innovative	2	15
		Organic	13	
3	Category –III of PLISFPI	B&M	73	73
4	PLISMBP	Large Entities	8	29
		MSME	21	
Total			170	170

As on 31.10.2025

Category wise total units

Category	Segment	Locations	Category wise total
Cat- I	RTE/RTC	95	212
	F&V	83	
	Marine	28	
	Moz. Cheeze	6	
Cat-II	Organic	15	17
	Innovative	2	
Millet	Large entity	16	45
	MSME	29	
Total			274

As on 31.10.2025

The scheme has generated more than 3.40 lakh employment (direct and indirect) against target of 2.5 lakh by the year 2026-27 with committed investment of Rs.7722 crore in the PLI supported units as on 31.10.2025. Under PLISFPI, no units were selected in Palghar district of Maharashtra.

ANNEXURE REFERRED TO IN REPLY TO PART (f) OF LOK SABHA UNSTARRED QUESTION NO. 1843 FOR ANSWER ON 11TH DECEMBER, 2025 ON “STUDY TO ASSESS POST HARVEST LOSSES”

Status of PMFME in Rajasthan (as on 31st October, 2025):

Funds Released: Rs. 83.22 Cr. Centre Share released for implementation of various components of the Scheme.

Number of Micro Enterprises	Approved Subsidy (in Crore)	Number of SHG Members	Approved Subsidy (in Crore)	Number of Approved Incubation Centre	Approved Subsidy (in Crore)
1351	79.53	7857	27.03	8	23.11

Status of PMKSY in Rajasthan (as on 31st October, 2025):

Details of completed Projects under PMKSY						
Approved Projects	Completed/ Operational Projects	Project Cost (in Crores)	Approved GIA (in Crores)	Released GIA (in Crores)	Processing (LMT/Annum)	Preservation (LMT/Annum)
55	36	619.78	177.74	172.34	6.02	2.55

Status of PLISFPI in Rajasthan (as on 31st October, 2025):

Committed Investment	Actual/ Reported Investment	Operational	Under Implementation	Employment Generated till 23 rd November 2025	Processing & preservation Capacity addition (L/MT)
244.82	279.94	6	0	12742	122894

ANNEXURE-III

ANNEXURE REFERRED TO IN REPLY TO PART (f) OF LOK SABHA UNSTARRED QUESTION NO. 1843 FOR ANSWER ON 11TH DECEMBER, 2025 ON “STUDY TO ASSESS POST HARVEST LOSSES”

Details of PMKSY projects in Udaipur District, Rajasthan and Palghar District, Maharashtra

Details of PMKSY projects in Udaipur District, Rajasthan								
Sr. No	Schemes	Project Name	Sector	Date of Approval	Project Cost	Approved Grant-in-aid (Rs. in Cr)	Released Grant-in-aid (Rs. in Cr)	Status
1	Research & Development	Characterization of Colostrum Bio-active Components from different spices and their Application in the Formulation of Novel Dairy Products (Maharana Pratap University of Agriculture and Technology, Udaipur)	Govt .	2012-13	0.8726	0.8726	0.8715	Completed
2	Research & Development	AI-Driven Optimization of Millet Incorporation in Bakery Products for Enhanced Quality and Nutritional Value	Govt .	2025-26	0.3772	0.3772	0	Under Implementation

Details of PMKSY projects in Palghar District, Maharashtra										
Sr.No	Schemes	Project Name	Sector	Date of Approval	Project Cost (In Cr.)	Approved Grant-in-aid (Rs. in Cr)	Released Grant-in-aid (Rs. in Cr)	Status	Processing capacity LMT/ Annum	Preservation capacity LMT/ Annum
1	Cold Chain	Heritage Foods Limited	Dairy	11-12-2018	46.06	9.82	7.23	Completed	0.27	0.20
2	Cold Chain	Bharat E Kiran technologies Pvt.Ltd	Irradiation	24-09-2025	23.45	7.22	0.00	Under Implementation		0.051
