

GOVERNMENT OF INDIA
MINISTRY OF FOOD PROCESSING INDUSTRIES
LOK SABHA
UNSTARRED QUESTION NO. 2012
ANSWERED ON 30TH JULY, 2026

**POST-HARVEST LOSSES, FOOD PROCESSING INFRASTRUCTURE AND
FARMERS INCOME**

2012. DR. PRABHA MALLIKARJUN:

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

- (a) whether the Government has undertaken any assessment of post-harvest losses occurring across agricultural and horticultural commodities in the country and if so, the details thereof;
- (b) the details of cold chain facilities, food processing units, integrated pack houses, food parks and agro-processing infrastructure established during the last five, State-wise;
- (c) whether the Government has evaluated the impact of food processing infrastructure on farmers income, value addition, employment generation and reduction of wastage and if so, the details thereof;
- (d) the measures being taken to strengthen food processing ecosystems, reduce post-harvest losses and improve market access for farmers; and
- (e) whether any integrated food processing, cold-chain, Mega Food Park or agro-processing projects have been sanctioned in Karnataka, particularly in Davanagere district and if so, the details thereof?

ANSWER

**THE MINISTER OF FOOD PROCESSING INDUSTRIES
(SHRI CHIRAG PASWAN)**

(a): The Ministry of Food Processing Industries (MoFPI) estimates 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), 2015 with reference year 2012-14 and (ii) NABARD Consultancy Service Pvt. Ltd (NABCONS), 2022 with reference year 2020-22. As per the reports of these studies, the estimated percentage of Harvest and Post-Harvest losses of various agricultural and horticulture produce covered in the studies is as follows:

Post-harvest losses of major crops and commodities

Crops/ Commodities	Loss in Percentage	
	As per ICAR-CIPHET Study (2015)*	As per NABCONS study (2022)**
Cereals	4.65 - 5.99	3.89-5.92
Pulses	6.36 - 8.41	5.65-6.74
Oil Seeds	3.08 - 9.96	2.87-7.51
Fruits	6.70-15.88	6.02-15.05

Vegetables	4.58-12.44	4.87-11.61
Plantation Crops & Spices	1.18-7.89	1.29-7.33
Milk	0.92	0.87
Fisheries (Inland)	5.23	4.86
Fisheries (Marine)	10.52	8.76
Meat	2.71	2.34
Poultry	6.74	5.63
Egg	7.19	6.03

Source: *Report on Assessment of Quantitative Harvest and Post Harvest Losses of Major Crops and commodities in India, 2015. **NABCONS Study 2022

(b): Under the Central Sector umbrella scheme - Pradhan Mantri Kisan Sampada Yojana (PMKSY), MoFPI provides financial support in the form of grants-in-aid/ subsidy for setting up of food processing projects for creating both processing and preservation infrastructure facilities. Under the components schemes of PMKSY, the details of cold chain facilities, food processing units, food parks and agro-processing infrastructure established during the last five, state-wise is placed at **Annexure-I**.

(c): MoFPI, from time to time, has assessed and has estimated the processing levels for selected commodities to determine the post-harvest losses, to evaluate the implementation and impact of its ongoing schemes in order to examine the overall status of food-processing sector in the country. However, so far, MoFPI has not undertaken any assessment specifically to identify the impact of food processing infrastructure on farmer income, value addition, employment generation and reduction of wastage.

(d): 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 across the country. MoFPI, through its schemes, provides grant-in-aid/incentives to the eligible entities including Farmer Producer Organizations (FPOs) and Micro, Small & Medium Enterprises (MSMEs) all over the country. These schemes aim towards creation of modern infrastructure with efficient supply chain management from farm gate to retail outlet. The schemes include storage, transportation, creation of market linkages etc. to help in reducing post-harvest losses and facilitating enhance farmer incomes and creating off-farm employment opportunities.

Apart from MoFPI, Ministry of Agriculture and Farmers Welfare has 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, enhancing value addition and provide better returns to farmers.

(e): The details of the projects sanctioned in Karnataka under the component schemes of PMKSY are placed in **Annexure-II**. One project of M/s GEM Food Park LLP under Infrastructure for Agro-Processing Clusters Scheme (APC) is located in Davangere district of Karnataka with project cost Rs. 40.01 crore.

ANNEXURE-I

ANNEXURE REFERRED TO IN REPLY TO PART (b) OF LOK SABHA UNSTARRED QUESTION NO. 2012 FOR ANSWER ON 30TH JULY, 2026 ON “POST-HARVEST LOSSES, FOOD PROCESSING INFRASTRUCTURE AND FARMERS INCOME”

Table-1: State-wise details of Cold Chain projects approved, completed during the last five years (2021-2022 to 2025-2026)

S.No	State/UT	Approved	Completed/Operational			
			Number	Approved GIA (₹ in crore)	GIA released (₹ in crore)	Project Cost (₹ in crore)
1	Andaman & Nicobar	0	0			
2	Andhra Pradesh	11	17	144.09	143.36	723.26
3	Arunachal Pradesh	1	0	-	-	-
4	Assam	0	0	-	-	-
5	Bihar	0	0	-	-	-
6	Chandigarh	0	0	-	-	-
7	Chhattisgarh	2	0	-	-	-
8	Dadar & Nagar Haveli and Daman & Diu	0	0	-	-	-
9	Delhi	0	0	-	-	-
10	Goa	0	0	-	-	-
11	Gujarat	6	6	48.27	47.86	188.32
12	Haryana	5	7	59.43	58.93	253.50
13	Himachal Pradesh	0	4	38.94	38.46	95.09
14	Jammu & Kashmir	2	2	7.46	7.46	18.15
15	Jharkhand	0	0	-	-	-
16	Karnataka	5	2	12.95	12.95	48.00
17	Kerala	4	1	9.63	9.63	27.31
18	Ladakh	0	0	-	-	-
19	Lakshadweep	0	0	-	-	-
20	Madhya Pradesh	1	5	39.79	38.76	101.89
21	Maharashtra	15	13	82.02	81.96	327.03
22	Manipur	0	0	-	-	-
23	Meghalaya	0	0	-	-	-
24	Mizoram	0	0	-	-	-
25	Nagaland	0	0	-	-	-
26	Orissa	5	3	28.70	28.16	136.26
27	Puduchery	0	0	-	-	-
28	Punjab	4	5	20.16	20.16	85.31
29	Rajasthan	1	2	9.20	9.20	25.73
30	Sikkim	0	0	-	-	-
31	Tamil Nadu	11	7	49.98	49.98	194.95
32	Telangana	5	6	47.82	47.82	239.24
33	Tripura	0	0	-	-	-
34	Uttar Pradesh	5	7	52.71	51.30	206.17
35	Uttarakhand	1	6	57.26	57.26	110.12
36	West Bengal	5	4	30.70	30.70	129.82
	Total	89	97	739.11	734.15	2910.15

Table-2: State-wise details of the projects under Agro Processing Clusters scheme approved, completed during the last five years (2021-2022 to 2025-2026)

S.No	State/UT	Approved Projects	Completed/Operational			
			Completed Projects	Approved GIA (₹ in crore)	GIA released (₹ in crore)	Project Cost (₹ in crore)
1	Andaman & Nicobar	0	0	0	0	0
2	Andhra Pradesh	3	0	0	0	0
3	Arunachal Pradesh	0	0	0	0	0
4	Assam	3	2	16.7357	14.6629	39.9768
5	Bihar	0	0	0	0	0
6	Chandigarh	0	0	0	0	0
7	Chhattisgarh	1	0	0	0	0
8	Dadar & Nagar Haveli and Daman & Diu	0	0	0	0	0
9	Delhi	0	0	0	0	0
10	Goa	0	0	0	0	0
11	Gujarat	3	3	17.42	13.1987	59.968
12	Haryana	0	1	3.09	2.7610	10.26
13	Himachal Pradesh	1	0	0	0	0
14	Jammu & Kashmir	0	0	0	0	0
15	Jharkhand	0	0	0	0	0
16	Karnataka	3	1	9.77	6.9256	40.01
17	Kerala	0	2	18.9485	18.0262	71.72
18	Ladakh	0	0	0	0	0
19	Lakshadweep	0	0	0	0	0
20	Madhya Pradesh	0	2	19.8	14.0842	57.68
21	Maharashtra	4	4	37.313	33.91	121.04
22	Manipur	0	0	0	0	0
23	Meghalaya	0	0	0	0	0
24	Mizoram	0	0	0	0	0
25	Nagaland	0	0	0	0	0
26	Orissa	1	1	10	9.7749	50.524
27	Puduchery	0	0	0	0	0
28	Punjab	0	1	6.7598	5.1452	27.44
29	Rajasthan	3	0	0	0	0
30	Sikkim	0	0	0	0	0
31	Tamil Nadu	4	3	21.2288	19.6046	83.6575
32	Telangana	3	0	0	0	0
33	Tripura	0	0	0	0	0
34	Uttar Pradesh	0	1	10	9.729	21.05
35	Uttarakhand	0	0	0	0	0
36	West Bengal	0	0	0	0	0
	Total	29	21	171.0658	147.8223	583.3263

Table-3: State-wise details of the projects under Creation / Expansion of Food Processing & Preservation Capacities Scheme approved, completed during the last five years (2021-2022 to 2025-2026)

S.No	State/UT	Approved Projects	Completed/Operational			
			Completed Projects	Approved GIA (₹ in crore)	GIA released (₹ in crore)	Project Cost (₹ in crore)
1	Andaman & Nicobar	0	0	0	0	0
2	Andhra Pradesh	14	6	29.04	28.91	351.985
3	Arunachal Pradesh	6	1	1.21	1.17	3.37
4	Assam	40	43	170.94	165.26	582.093
5	Bihar	6	3	14.59	14.22	64.083
6	Chandigarh	0	0	0	0	0
7	Chhattisgarh	3	1	3.74	3.74	16.04
8	Dadar & Nagar Haveli and Daman & Diu	0	1	3.64	3.47	26.34
9	Delhi	0	0	0	0	0
10	Goa	0	1	2.89	2.76	12.45
11	Gujarat	28	24	89.22	85.72	342.297
12	Haryana	12	14	43.02	41.99	192.311
13	Himachal Pradesh	3	12	39.19	37.80	100.1
14	Jammu & Kashmir	0	11	32.91	31.32	79.81
15	Jharkhand	0	0	0	0	0
16	Karnataka	19	12	45	43.62	178.95
17	Kerala	17	18	62.37	60.46	240.76
18	Ladakh	0	0	0	0	0
19	Lakshadweep	0	0	0	0	0
20	Madhya Pradesh	12	6	24.15	23.91	81.387
21	Maharashtra	57	53	190.37	185.98	751.11
22	Manipur	1	2	1.94	1.93	5.87
23	Meghalaya	0	1	4.61	4.61	9.92
24	Mizoram	0	1	3.54	3.19	9.35
25	Nagaland	0	0	0	0	0
26	Orissa	9	6	18.62	18.38	42.15
27	Puduchery	0	0	0	0	0
28	Punjab	13	9	38.42	37.70	296.84
29	Rajasthan	20	9	31.06	30.54	132.54
30	Sikkim	0	0	0	0	0
31	Tamil Nadu	23	14	37.22	35.85	134.70
32	Telangana	25	11	47.52	46.91	310.83
33	Tripura	1	5	14.50	14.38	37.92
34	Uttar Pradesh	20	24	88.53	83.19	369.21
35	Uttarakhand	23	15	59.20	57.78	187.99
36	West Bengal	12	12	44.70	43.55	204.03
	Total	364	315	1142.14	1108.34	4764.436

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S.No.	Name of the Project Execution Agency (PEA)	District	Project cost (In Cr.)	Grant Approved (in Cr.)	Total Grant released (in Cr.)
Infrastructure for Agro-Processing Clusters Scheme (APC)	M/s GEM Food Park LLP	Devanagere	40.01	9.77	6.92565
	M/s Udupi Food Park	Udupi	16.08	5.23	3.7516
	M/s Sri Lakshmibalaji Agro Park Private Ltd	Koppal	36.34	10	6.16
	Mandeep Agri Food Park LLP	Vijayapura	36.94	8.56	0
	Agartha Mega Food Park LLP	Bangalore Rural	48.67	10	0
Creation / Expansion of Food Processing & Preservation Capacities Scheme (CEFPPC)	M/s. Hain Future Natural Products Pvt Ltd	Tumkur	36.76	5.00	4.79
	M/s Petunt Food Processors Pvt Ltd	Tumkur	18.05	4.71	4.49
	M/s Ella Foods	Kolar	16.72	3.59	3.50
	M/s Ramkrishna Industries	Bagalkot	6.76	1.95	1.85
	M/s Sproutlife Foods Pvt. Limited	Tumkur	15.83	5.00	4.83
	M/s Sankraman Organic Foods Pvt Ltd	Mandya	7.84	1.42	1.36
	M/s R G Kasat Industries Pvt. Ltd	Bagalkot	9.06	2.55	2.42
	M/s Ashwarooda Enrich Foods	Mandya	5.07	1.06	0.52
	M/s Sri Venkateshwara Industries	Mysuru	7.56	2.40	2.40
	Sri Balaji Industries	Mysuru	6.86	2.25	2.25
	M/s Avantnature Foods Private Limited	Tumkur	9.33	2.36	2.31
	M/s Maxvita Foods (India) Private Limited	Mandya	18.91	4.42	4.28
	M/s Trubare Fresh Foods Pvt. Ltd.	Tumakuru	10.25	4.48	4.04
	M/s GroFresh Agrofoods Pvt Ltd	Tumkur	12.376	4.85	4.85
	M/s VB Foods	Bengaluru Urban	10.12	3.70	3.52
	M/s Elveety Products Private Limited	Dharwad	18.06	4.89	4.89
	M/s Tenguraja Coco Products	Udupi	11.48	5.00	4.75
	M/s Jubliant Food Works Limited	Bangalore Rural	49.88	5.00	5.00

	M/s Sridevi General Engineering	Bangalore Rural	13.04	5.00	2.50
	M/s Kanishka Beverages India Pvt. Ltd	Bangalore Rural	13.26	4.99	0.00
	M/s Sri Lakshmibalaji Agro Park Pvt. Ltd Unit- 1	Koppal	21.03	5.00	2.50
	M/s Sri Lakshmibalaji Agro Park Pvt. Ltd (Unit- 2)	Koppal	17.50	4.83	2.42
	M/s Allen Cashew Industries	Udupi	10.53	4.38	4.27
	M/s Parishudh Industries	Udupi	8.70	4.11	3.98
	M/s Sri Lakshmibalaji Agro Park Pvt. Ltd Unit-III	Koppal	20.8	5.00	2.50
	M/s Star Hi Herbs Pvt Ltd	Hassan	16.57	4.94	0.00
	M/s Vijayalakshmi Agro Foods	Raichur	9.45	2.50	0.00
	M/s Vijayapura Nutrifoods LLP	Vijayapura	12.72	2.81	0.00
	M/s RG Kasat Industries Pvt Ltd	Bagalkot	10.45	1.94	0.00
	M/s Mahadev Agro Industries	Raichur	25.00	4.71	0.00
	M/s Isha Foods	Bangalore Rural	19.9	5.00	0.00
	M/s The Central Arecaut & Cocoa Marketing & Processing Co-operative Ltd	Dakshin Kannada	12.04	4.22	0.00
	Maggemane Foods LLP	Hasan	17.36	5	0.00
Creation / Expansion of Food Processing & Preservation Capacities Scheme (CEFPPC)	Atharvass Traders Pvt Ltd.	Hassan, Belgam, Bangalore	28.61	7.50	7.50
	Innova Agri Bio Park Ltd	Kolar	14.00	3.36	3.36
	Vijaykant Dairy & Food Products Ltd	Belgaum	8.66	2.80	2.80
	Basweshwar Industry	Belgaum	18.20	7.80	7.80
	Namdhari Animal Genetics Private Limited	Tumkur	18.38	3.92	3.92
	Dairy Classic Ice Creams Pvt Ltd	Ramnagara	29.81	7.61	7.61
	Srikrishna Milks Private Limited	Uttar Kannada	26.96	5.67	5.67
	Malpefresh Marine Exports Private Limited.	Udupi	18.10	4.37	4.37
	Hitech Food Process (SC)	Bijapur	15.00	8.46	8.46
	Ideal Icecream	Dakshin Kannada	36.54	9.86	9.86
	Yashaswi Fish Meal & Oil Company	Dakshin Kannada	73.05	10.00	10.00
	BAMUL	Ramnagara	49.45	7.26	7.26
	Agro Tech (ST)	Belgaum	15.38	10.00	6.50
	Square Meal Private Limited	Bangalore	9.97	3.57	3.57
	Golden Hatcherries	Haveri	38.03	9.38	9.38

	PROVIT FOODS PVT LTD	Dakshin Kannada	55.40	9.91	0.00
	Navya Industry	Vijayapura	26.81	10.00	3.33
	Microtrol Sterillisation Services Pvt.Ltd	Tumkur	36.71	6.76	0.00
	M/S Netra Dairy Products Private Limited	Belgavi	63.02	10.00	0
	M/S Chaturmukha Dairy Private Limited	Vijayapura	33.62	9.14	0.00
Mega Food Park Scheme (MFP)	Integrated Food Park Ltd	Tumkur	144.33	48.72	48.72
	Favorich Infra Pvt Ltd	Mandya	87.10	43.55	37.57
