

GOVERNMENT OF INDIA
MINISTRY OF FOOD PROCESSING INDUSTRIES
LOK SABHA
UNSTARRED QUESTION NO. 4527
ANSWERED ON 19TH MARCH, 2026

COLD STORAGE AND TRANSPORTATION FACILITIES

4527. DR. GUMMA THANUJA RANI:

Will the Minister of Food Processing Industries be pleased to state:

- (a) whether the Government has any specific plans to address the lack of cold storage and transportation facilities especially for perishable goods and if so, the expected timelines for these improvements;
- (b) whether the Ministry is collaborating with other Ministries such as Road Transport & Highways and Railways to enhance logistical infrastructure for the timely transportation of agricultural products and if so, the details of such collaborations; and
- (c) the extent to which post-harvest losses have impacted farmer incomes due to infrastructure deficits and the steps being taken by the Government to reduce such losses?

ANSWER

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

(a) & (b) : The Ministry of Food Processing Industries (MoFPI) is implementing a Central Sector umbrella scheme “Pradhan Mantri Kisan Sampada Yojana (PMKSY)” to support setting up of food processing projects across the country. Under the component schemes namely (i) Integrated Cold Chain and Value Addition Infrastructure (Cold Chain scheme), (ii) Creation of Infrastructure for Agro Processing Clusters (APC scheme) and (iii) Operation Greens (OG scheme) - Long term intervention of PMKSY, cold storage and transport facilities (reefer vehicles/ insulated vans) are supported as constituents in the integrated food processing projects. However, these component schemes do not support setting up of standalone cold storage and transportation facilities. All the component schemes of PMKSY are demand driven and financial assistance in the form of grants-in-aid/ subsidy is provided for setting up of food processing projects at the rate of 35% of the eligible project cost in case of projects from general areas and 50% in case of projects from difficult areas as well as projects for SC/ ST, FPOs and SHGs subject to a maximum of ₹ 10.00 crore in case of Cold Chain scheme/ APC scheme as well as in case of standalone projects under OG scheme and ₹ 15.00 crore in case of integrated projects under OG scheme.

Department of Agriculture & Farmers Welfare is implementing Mission for Integrated Development of Horticulture (MIDH) for holistic development of horticulture sector in the country. Under MIDH, financial assistance is provided for various post-harvest management infrastructure including setting up of Pack Houses, Integrated Pack House, cold storage, Reefer Transport, Ripening Chamber etc. on the basis of Annual Action Plan (AAP) received from States/UTs. AAPs are prepared by the States/UTs based on their requirement, capacity and availability of resources. This scheme is demand/ entrepreneur driven and financial assistance in the form of credit linked back ended subsidy is provided at the rate of 35% of the project cost in general areas and 50% of the project cost in case of NE & Himalayan States, Tribal Sub-Plan (TSP) and Scheduled areas, vibrant villages, Andaman & Nicobar and Lakshadweep Islands through respective State Horticulture Mission(s) (SHMs).

Besides, National Horticulture Board (NHB) under DA&FW is implementing a scheme namely, Capital Investment Subsidy for Construction/ Expansion/ Modernization of Cold Storages and Storages for Horticulture Products. Under this scheme, credit linked back-ended subsidy @35% of the capital cost of the project in general areas and 50% in case of North East, hilly & Scheduled areas for Construction/ Expansion/ Modernization of cold storage and Controlled Atmosphere (CA) storage of capacity above 5000 MT and up to 10000 MT is available. In case of North Eastern Region, the units with capacity above 1000 MT are also eligible for financial assistance.

Further, to strengthen agriculture infrastructure in the country, DA&FW has launched Agriculture Infrastructure Fund (AIF) of ₹ 1.00 lakh crore. Under AIF, there is provision for collateral free term loans up to ₹ 2.00 crore and interest subvention of 3% on the term loan availed for creation of post-harvest infrastructure including establishment of cold storages and transportation facilities. As on 31.01.2025, as per the data provided by DA&FW, 8760 number of cold storages have been created with total capacity of 397.08 LMT across the country. Details of the same are attached at **Annexure-I**. The Inter-Ministerial Consultations (IMCs) are made as and when required by this Ministry to develop strategies to enhance logistical infrastructure for timely transportation of farm produce/ processed foods. Further, MoFPI under the component schemes, namely Cold Chain scheme and OG scheme of PMKSY provides support to logistics infrastructure (reefer vehicles/ insulated vans) as a constituent in the integrated food processing projects for facilitating transport of farm produce/ processed foods. As on 31.12.2025, 1575 number of reefer vehicles / insulated vans have been supported.

(c): MoFPI has conducted two studies namely (i) “Assessment of Quantitative Harvest and Post-Harvest Losses of Major Crops and Commodities in India”, 2015 with reference year 2012-14 through Indian Council of Agriculture Research (ICAR) -Central Institute of Post-Harvest Engineering & Technology (CIPHET), Ludhiana and (ii) Study to determine Post harvest losses of Agri Produce in India in 2022 with reference year 2020-22 through NABARD Consultancy Services Pvt. Ltd. (NABCONS) for estimating harvest and post-harvest losses from time to time for various agri-produces in the country. The details of estimated loss of various agri-produces resulted out of the studies are provided at **Annexure-II**. One of the reasons for these post-harvest losses of agri-produces as brought out in these studies has been due to lack of infrastructure facilities. For addressing these infrastructure shortfall, MoFPI has been implementing three schemes namely, (i) Central Sector umbrella scheme- Pradhan Mantri Kisan Sampada Yojana (PMKSY), (ii) Centrally Sponsored scheme- PM Formalization of Micro Food Processing Enterprises (PMFME) and (iii) Central Sector scheme- Production Linked Incentive Scheme for Food Processing Industry(PLISFPI).

As on 31.12.2025, under PMKSY, 1607 projects have been approved. Out of these, 1196 projects have been completed and operationalized thereby creating total processing and preservation capacity of 274.81 lakh MT/ annum, generating 4,69,403 number of employment and benefitting 36,10,782 farmers. Under PMFME scheme, 1,72,707 loans have been sanctioned with the approved subsidy component of ₹5009.67 crore; seed capital support of Rs. 1282.99 crore has been sanctioned for 3,76,326 Self Help Group (SHG) members. Under PLISFPI scheme, 165 applications have been approved with beneficiaries reporting investment of ₹9,207 crore and receiving incentive of ₹ 2627.214 crore thereby creating a processing and preservation capacity of 34.00 lakh MT / annum and generating 3,29,000 number of employment against the target of 2,50,000 by 2026-27. Further, due to various interventions, a decline in post-harvest losses for the period from 2015 to 2021 was observed in 42 commodities against the 45 commodities taken for the study which led to savings of ₹ 20,440.58 crore/ annum since 2021 onwards.

ANNEXURE-I REFERRED IN REPLY TO PART (a) & (b) OF THE LOK SABHA UNSTARRED QUESTION NO. 4527 ANSWERED ON 19.03.2026 REGARDING “COLD STORAGE AND TRANSPORTATION FACILITIES”

State-wise Cold Storage facilities created as on 31.01.2025 in the country

Sr. No.	State/UT	No. of project	Cold Storage created (Capacity in MT)
1	Andaman & Nicobar	4	2210
2	Andhra Pradesh & Telangana	480	1996340
3	Arunachal Pradesh	2	6000
4	Assam	43	206742
5	Bihar	316	1490200
6	Chandigarh	7	12462
7	Chhattisgarh	130	577663
8	Delhi	97	129857
9	Goa	29	7705
10	Gujarat	1023	4042770
11	Haryana	386	870703
12	Himachal Pradesh	89	181318
13	Jammu & Kashmir	92	151833
14	Jharkhand	59	242655
15	Karnataka	268	912417
16	Kerala	202	96655
17	Lakshadweep	1	15
18	Madhya Pradesh	320	1381827
19	Maharashtra	665	1219851
20	Manipur	2	4500
21	Meghalaya	4	8200
22	Mizoram	3	4071
23	Nagaland	5	8150
24	Odisha	182	579321
25	Puducherry	4	185
26	Punjab	770	2604206
27	Rajasthan	190	648908
28	Sikkim	2	2100
29	Tamil Nadu	188	399690
30	Telangana	116	617131
31	Tripura	14	46354
32	Uttar Pradesh	2488	15096476
33	Uttarakhand	62	206848
34	West Bengal	517	5952997
	Total	8760	39708360

(Source: Directorate of Marketing and Inspection (DMI) up to 2009, National Horticulture Board (NHB), National Horticulture Mission (NHM), Horticulture Mission for North East & Himalayan States (HMNEH) and MoFPI)

ANNEXURE-II REFERRED IN REPLY TO PART (c) OF THE LOK SABHA UNSTARRED QUESTION NO. 4527 ANSWERED ON 19.03.2026 REGARDING “COLD STORAGE AND TRANSPORTATION FACILITIES”

Details of estimated post-harvest losses of major crops and commodities

Crops/ Commodities	Estimated Loss (%)	
	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
