

GOVERNMENT OF INDIA
MINISTRY OF AGRICULTURE AND FARMERS WELFARE
DEPARTMENT OF AGRICULTURE AND FARMERS WELFARE

LOK SABHA
UNSTARRED QUESTION NO. 1541
TO BE ANSWERED ON THE 7TH DECEMBER, 2021

COLD STORAGE AND WAREHOUSE FACILITIES

†1541 SHRI AJAY NISHAD:
SHRIMATI POONAMBEN MAADAM:

Will the Minister of AGRICULTURE AND FARMERS WELFARE कृषि एवं किसान कल्याण मंत्री be pleased to state:

- (a) whether there is any shortage of cold storage and warehouse facilities in the country;
- (b) if so, whether the Government is planning to strengthen the same in the country;
- (c) if so, the details thereof, State-wise including Gujarat;
- (d) the present capacity of cold storage and warehousing in the country including the shortfall for the last three years and the cold storage units in public, private and cooperative sectors, State-wise;
- (e) the number of cold storage and warehousing infrastructure created during the past three years, State-wise including Gujarat;
- (f) whether the Government provides financial assistance for setting up of these facilities and if so, the year-wise details of the funds sanctioned, allocated and disbursed to the States during the last two years and current year, State-wise;
- (g) whether the Government has implemented any scheme for creating warehouse facility in rural areas, if so, the details thereof; and
- (h) the strategic plan for doubling farmers' income in Gujarat?

ANSWER

MINISTRY OF AGRICULTURE AND FARMERS WELFARE

कृषि एवं किसान कल्याण मंत्री (SHRI NARENDRA SINGH TOMAR)

(a) to (h): As per the study on "All India Cold-chain Infrastructure Capacity (AICIC-2015)" conducted by NABARD Consultancy Services (NABCONS) reported the capacity of cold storages required at that time was 35 million MT against the existing capacity of 32 million MT in 2014. No such study has been conducted by Government for shortage of

warehouse facilities. However, the present capacity of cold storages is 37.83 million MT and Warehouses is 173.65 million MT in the country. Government is implementing various schemes to develop the cold storage and warehouse facilities in the country including Gujarat:

Department of Agriculture & Farmers Welfare is implementing Mission for Integrated Development of Horticulture (MIDH) under which financial assistance is provided for various horticulture activities including setting up of cold storages through State Governments. The component is demand/ entrepreneur-driven from among entrepreneurs, private companies, cooperatives, farmers groups etc through commercial ventures for which assistance at the rate of 35% of admissible project cost in general areas and 50% in hilly and scheduled area is available as credit linked back ended subsidy.

Besides, National Horticulture Board (NHB) is implementing a scheme namely "Capital Investment Subsidy for Construction/Expansion /Modernization of Cold Storages and Storages for Horticulture Products". It is a demand/entrepreneur driven under which credit linked back-ended subsidy at the rate of 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 States, the units with capacity above 1000 MT are also eligible for assistance.

Further, Ministry of Food Processing Industries (MOFPI) is implementing a Scheme for Integrated Cold Chain, Value Addition and Preservation Infrastructure as one of the components of Pradhan Mantri Kisan Sampada Yojana with the objective of reducing post-harvest losses of horticulture and non-horticulture produce and providing remunerative price to farmers for their produce. Under the scheme, Ministry provides financial assistance in the form of grant-in-aid at the rate of 35% for general areas and 50% for North East and Himalayan States, ITDP areas and Islands for storage and transport infrastructure and at the rate of 50% and 75% respectively for value addition and processing infrastructure subject to a maximum grant-in-aid of Rs. 10 crore per project for setting up integrated cold chain projects including irradiation facility. Standalone cold storages are not covered under the Scheme.

Department of Agriculture and Farmer's Welfare is also implementing Agricultural Marketing Infrastructure (AMI), a sub-scheme of Integrated Scheme for Agricultural Marketing (ISAM) across the country including Gujarat. AMI is demand driven, credit linked, back ended subsidy scheme. Under the scheme, subsidy at the rate of 25% for plain areas and 33.33% for NER, hilly area is available for beneficiaries viz, Farmers, Individuals, Farmers, Group of farmers/growers, Agri-preneurs, Registered Farmer Producer Organizations (FPOs), Cooperatives, and state agencies etc. for development of Agricultural Marketing Infrastructure Projects including storage infrastructure.

Depending on requirement in specific areas and for modernization of the storage facilities, the Government has been implementing the following schemes for construction of Warehouse/godowns including silos in the country:

- i. Private Entrepreneurs Guarantee (PEG) Scheme: Under this Scheme, which was formulated in 2008, storage capacity is created by private parties, Central Warehousing Corporation (CWC) and State Government Agencies for guaranteed hiring by Food Corporation of India (FCI).
- ii. Central Sector Scheme: This scheme is implemented in the North Eastern States along with Himachal Pradesh, Jharkhand and Kerala. Funds are released by the Government to FCI and also directly to the State Governments for construction of godowns.
- iii. Construction of steel silos: In addition to conventional godowns, construction of steel silos has been undertaken from 2016 for modernizing the storage infrastructure and improving shelf life of stored foodgrains.

As per available information, State-wise number of cold storages and warehouses infrastructure sanctioned during the past three years including Gujarat is at **Annexure – I**.

These schemes are demand/entrepreneur driven, for which financial assistance is provided as per availability of funds and resources. Under MIDH, funds are allocated to States on the basis of Annual Action Plans (AAPs) received from State Governments, availability of resources and requirement of States. State-wise details of funds allocated and released including setting up of cold storages during last two years and current year are at **Annexure – II**.

Mission for Integrated Development of Horticulture (MIDH) plays a vital role in increasing the income of farmers throughout the country including Gujarat through various interventions, as given below:

- Increasing productivity through introduction of improved varieties, quality seeds and planting materials, protected cultivation, high density plantation, rejuvenation, precision farming and horticultural mechanization.
- Diversification to High Value Horticulture for orchards and Plantation crops, Vineyards, vegetable & flower gardens, Bee keeping, Mushroom cultivation, off season vegetables.
- Promoting Post Harvest Management through Cold storage (CS), cold chain supply chain including pack houses, ripening chamber, reefer vehicle, etc.
- Promoting Primary and minimal processing
- Market Linkages: Market infrastructure such as mobile vending cart, retail outlet, primary and wholesale markets. Creating direct market/farmers market.
- Aggregating farmers into FPO/FIG and promoting their tie up with Market Aggregators (MAs) and Financial Institutions (FIs).
- Skill Development: Human Resource Development such as awareness programme, farmers training, exposure visit, etc. Providing training on latest technologies on production and post-harvest management to women and youth.
- Food & Nutritional Security: Increasing Area and Production of horticulture crops with high nutritional value. Promoting sustainable horticulture.

Annexure - I

**State wise number of Cold Storages and Warehouses sanctioned under
Government Schemes during last three years (2018-19 to 2020-21)**

S. No.	Name of the State	Number of Cold Storage	Number of Warehouse
1	Andhra Pradesh	28	97
2	Assam	4	9
3	Bihar	6	88
4	Chhattisgarh	1	4
5	Delhi	-	6
6	Gujarat	92	270
7	Haryana	12	260
8	Himachal Pradesh	16	1
9	Jammu & Kashmir	16	1
10	Jharkhand	-	8
11	Karnataka	19	103
12	Kerala	2	6
13	Madhya Pradesh	12	358
14	Maharashtra	14	79
15	Nagaland	2	35
16	Odisha	2	1
17	Punjab	37	10
18	Rajasthan	20	89
19	Tamil Nadu	15	9
20	Telangana	15	84
21	Uttar Pradesh	72	17
22	Uttarakhand	9	3
23	West Bengal	5	12
	Total	399	1550

Annexure – II

State-wise and year wise details of funds allocated and released under MIDH scheme during last two years and current year

Rs. in crore

Sl. No.	State	2019-20		2020-21		2021-22 (as on 30-11-2021)	
		Allocation (GOI)	Releases (GoI)	Allocation (GOI)	Releases (GoI)	Allocation (GOI)	Releases (GoI)
1	A & N Islands	2.00	1.00	3.00	0.30	2.10	0.00
2	Andhra Pradesh	114.00	79.38	120.00	95.00	108.00	0.00
3	Arunachal Pradesh	26.00	12.50	22.00	8.00	17.60	0.00
4	Assam	84.00	79.16	60.00	45.00	54.00	13.50
5	Bihar	22.50	15.15	25.00	15.87	20.00	0.00
6	Chandigarh	0.00	0.00	0.00	0.00	0.00	0.00
7	Chhattisgarh	123.00	68.45	110.00	85.00	88.00	21.00
8	Dadra & Nagar Haveli	0.50	0.25	0.50	0.00	0.35	0.00
9	Daman & Diu	1.50	0.00	1.00	0.00	0.80	0.00
10	Delhi	0.50	0.25	0.00	0.00	0.00	0.00
11	Goa	3.00	1.50	3.00	0.00	2.40	0.00
12	Gujarat	127.00	63.50	110.00	30.00	88.00	21.80
13	Haryana	110.00	64.91	120.00	89.32	96.00	23.00
14	Himachal Pradesh	55.00	23.15	55.00	20.00	44.00	11.00
15	Jammu & Kashmir	135.30	64.99	100.00	72.18	35.00	58.00
16	Jharkhand	34.00	10.00	30.00	10.00	21.00	0.00
17	Karnataka	130.00	107.40	130.00	113.66	117.00	0.00
18	Kerala	39.50	10.00	40.00	10.00	28.00	0.00
19	Lakshadweep	0.50	0.00	0.50	0.00	0.40	0.00
20	Madhya Pradesh	38.50	25.99	65.00	27.00	52.00	0.00
21	Maharashtra	158.00	82.35	130.00	63.50	91.00	0.00
22	Manipur	37.00	26.50	26.00	25.30	23.40	5.47
23	Meghalaya	42.00	9.10	25.00	7.25	17.50	4.30
24	Mizoram	30.00	22.58	30.00	40.00	27.00	0.00
25	Nagaland	32.00	23.60	26.00	26.00	23.40	5.85
26	Orissa	89.00	49.00	67.00	11.00	46.90	0.00
27	Puducherry	3.00	1.50	3.00	1.40	2.10	0.00
28	Punjab	71.00	10.00	47.00	22.50	32.90	0.00
29	Rajasthan	90.50	25.00	60.00	30.00	42.00	0.00
30	Sikkim	25.00	22.84	25.00	19.85	22.50	0.00
31	Tamil Nadu	98.00	93.02	115.00	114.73	103.50	25.00
32	Telangana	28.00	0.00	28.00	16.15	19.60	0.00
33	Tripura	44.00	20.00	26.00	10.00	18.20	4.50
34	Uttar Pradesh	67.00	62.35	80.00	64.16	64.00	16.00
35	Uttarakhand	55.00	22.32	55.00	45.00	44.00	11.00
36	West Bengal	44.00	8.06	34.00	10.00	23.80	0.00
	Total	1960.3	1105.8	1772	1128.17	1376.45	220.42
