

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

LOK SABHA
UNSTARRED QUESTION NO. 974
TO BE ANSWERED ON THE 24TH JULY, 2018

SHORTAGE OF GODOWNS AND COLD STORAGES

974. DR. KIRIT SOMAIYA:

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

- (a) whether it is true that there is insufficient number of godowns and cold storages in the country;
- (b) if so, the details of godowns and cold storages at present in the country, State-wise;
- (c) whether the Government is aware that due to shortage of cold storages/ godowns, agricultural produce either get rotten or farmers have to sell their produce at very low prices;
- (d) if so, whether the Government will conduct a survey to find out the quantum of loss of produce and farmers income in value term due to shortage of godowns and cold storages and if so, the details thereof; and
- (e) whether the Government is considering to increase/construct more godowns and cold storages to save agriculture produce and loss of income of farmers; and
- (f) if so, the details thereof?

ANSWER

MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE AND FARMERS WELFARE

कृषि एवं किसान कल्याण मंत्रालय में राज्य मंत्री (SHRI PARSHOTTAM RUPALA)

(a) to (c): On the basis of peak stock requirement during normal procurement season, the overall storage capacity required for central pool foodgrains in the country is about 650 Lakh Metric Tonnes (LMT). Against this, the total storage capacity available with Food Corporation of India (FCI), Central Warehousing Corporation (CWC) and the State Agencies, both owned and hired capacity, was 855.98 LMT as on 30.06.2018. This comprised 724.74 LMT covered godowns and 131.24 LMT cover and plinth (CAP) storage. As such, there is sufficient capacity for storage of central pool foodgrains at the national level.

The State-wise details of total number of godowns including silos available with FCI for the storage of central pool stock of foodgrains as on 30.06.2018 are given in **Annexure - I**.

In a study by NABCONS in 2015 on "All India Cold-chain Infrastructure Capacity (Assessment of Status & Gap)" to assess shortfall in cold-chain infrastructure. The findings of

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the report in respect of cold storages are as follows:

Type of Infrastructure	Infrastructure Requirement (A)	Infrastructure created (B)	All India Gap (A-B)
Cold-storage(Bulk)	341,64,411 MT	318,23,700 MT	32,76,962 MT
Cold-storage(Hub)	9,36,251 MT		

As per the report of the study shortfall in number of cold storages was assessed to be within 10% of the nation-wide requirement.

Currently, there are 7916 number of cold storages with capacity of 36.22 million MT in the country (as on 31.03.2018). State wise details of cold storages are at **Annexure – II**.

(d): At present there is no proposal with Government for conducting a survey to find out the quantum of losses. However, a study was commissioned by Ministry of Food Processing Industries and carried out by Central Institute of Post Harvest Engineering & Technology (CIPHET), Indian Council of Agricultural Research (ICAR) which was published in 2015. As per the study quantum of quantitative harvest and post harvest losses were as under:

Crops	Cumulative wastage (%)
Cereals	4.65 – 5.99
Pulses	6.36 – 8.41
Oil seeds	3.08 – 9.96
Fruits & Vegetables	4.58 – 15.88
Milk	0.92
Fisheries (Inland)	5.23
Fisheries (Marine)	10.52
Meat	2.71
Poultry Meat	6.74

(e) & (f) Depending on requirement in specific areas and for modernization of the storage facilities, the Government has been implementing the following schemes for construction of 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 FCI. A capacity of 141.63 LMT has been created as on 31.05.2018.
- 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. A capacity of 7,930 MT has been completed by FCI and 5,805 MT by State Governments from 01.04.2017 upto 30.06.2018.
- 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 on 30.06.2018, a capacity of 6.25 LMT silos has been created.

Further, Government of India is implementing schemes for establishment of cold storages like Mission for Integrated Development of Horticulture (MIDH) of Ministry of Agriculture & Farmers Welfare and Pradhan Mantri Kissan SAMPADA Yojana of Ministry of Food Processing Industries (MoFPI) under which assistance is available for establishment of cold storage/cold chain. The components are demand and entrepreneur driven from among entrepreneurs, private companies, cooperatives, farmers groups etc. through commercial ventures for which assistance @35% of admissible project cost in general areas and @50% in hilly and schedule area is available as credit linked back ended subsidy.

ANNEXURE – I

The State-wise details of the number of godowns (including silos) available with FCI for the storage of central pool foodgrains (as on 30.06.2018) are given below:

S. No.	State/Union territory	No. Of Storage Godowns And Silos	Capacity (LMT)
1	Bihar	61	9.55
2	Jharkhand	39	3.32
3	Odisha	53	5.15
4	West Bengal	31	9.66
5	Sikkim	02	0.11
6	Arunachal Pradesh	14	0.27
7	Assam	39	3.99
8	Manipur	5	0.32
9	Nagaland	6	0.41
10	Meghalaya	6	0.22
11	Mizoram	6	0.25
12	Tripura	7	0.44
13	Delhi	6	3.36
14	Haryana	243	55.43
15	Himachal Pradesh	18	0.52
16	Jammu And Kashmir	31	2.65
17	Punjab	549	108.60
18	Chandigarh	01	0.06
19	Rajasthan	133	16.58
20	Uttar Pradesh	388	57.78
21	Uttarakhand	17	1.40
22	Andhra Pradesh	56	0.42
23	Andaman and Nicobar	01	0.07
24	Karnataka	62	7.76
25	Kerala	24	5.34
26	Tamil Nadu	41	10.36
27	Pudduchery	09	1.15
28	Telangana	47	9.11
29	Chhattisgarh	42	6.93
30	Gujarat	28	6.37
31	Madhya Pradesh	49	3.37
32	Maharashtra	74	17.61
33	Goa	02	0.20
	Total	2090	358.76

State wise distribution of Cold Storages as on 31.03.2018

S. No.	Name of the State	Total	
		No.	Capacity (MT)
1	Andaman & Nicobar Islands (UT)	3	810
2	Andhra Pradesh & Telangana	452	1836366
3	Arunachal Pradesh	2	6000
4	Assam	37	163258
5	Bihar	306	1415595
6	Chandigarh (UT)	7	12462
7	Chhattisgarh	98	484331
8	Delhi	97	129857
9	Goa	29	7705
10	Gujarat	890	3515976
11	Haryana	352	791780
12	Himachal Pradesh	65	125967
13	Jammu & Kashmir	55	182527
14	Jharkhand	58	236680
15	Karnataka	209	602457
16	Kerala	199	81705
17	Lakshadweep (UT)	1	15
18	Madhya Pradesh	302	1281411
19	Maharashtra	603	979607
20	Manipur	3	7100
21	Meghalaya	4	8200
22	Mizoram	3	3971
23	Nagaland	4	7350
24	Orissa	177	566321
25	Pondicherry (UT)	3	85
26	Punjab	672	2201386
27	Rajasthan	167	561293
28	Sikkim	2	2100
29	Tamil Nadu	173	347583
30	Tripura	14	45477
31	Uttar Pradesh	2368	14500773
32	Uttrakhand	47	162821
33	West Bengal	511	5940511
34	NHB/States	3	20195
	Total	7916	36229675

(Source: Directorate of Marketing and Inspection (DMI) upto 2009, National Horticulture Board (NHB), National Horticulture Mission (NHM) & Ministry of Food Processing Industries (MoFPI))
