

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

LOK SABHA
UNSTARRED QUESTION NO.619
TO BE ANSWERED ON THE 19TH DECEMBER, 2017

COLD STORAGES

619. SHRI KAUSHALENDRA KUMAR:
SHRI CHANDRA PRAKASH JOSHI:

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

- (a) whether adequate number of cold storages are being constructed by the Government to prevent the wastage of perishable crops such as fruits and vegetables including potato, onions etc. So that the losses being suffered by the farmers could be avoided every year;
- (b) if so, the details of cold storages that have been constructed so far and the number of farmers benefited by the same, State-wise;
- (c) the details of the places in various States of the country where cold storages are established/ proposed to be established by the Government and the amount spent by the Government in this project, Statewise;
- (d) whether the prices of seasonal vegetables/fruits are soaring whereas the farmers are unable to even recover their input cost;
- (e) if so, the effective measures taken by the Government to provide remunerative prices to the farmers; and
- (f) whether farmers have to suffer heavy losses every year due to lack of proper storage facilities for seasonal crops whereas their market rates vary a lot and if so, the details thereof along with the corrective steps taken by the Government in this regard?

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): Government is implementing the following schemes under which financial & technical assistance is provided for setting up of cold storages to prevent the wastage of perishable crops such as fruits and vegetables including potato, onions etc.:

Contd...2/-

- i. Mission for Integrated Development of Horticulture (MIDH)
- ii Integrated cold chain and value addition Scheme of Ministry of Food Processing Industry (MOFPI) subsumed under Prime Minister SAMPADA Yojana
- iii Scheme of Agricultural Processed Food Products Export Development Authority (APEDA) under Ministry of Commerce
- iv Scheme of National Cooperative Development Corporation (NCDC) under Department of Agriculture, Cooperation and Farmers Welfare (DAC &FW)

As per available records, 7682 cold storages with capacity of 35.16 million MT with total financial assistance of Rs. 3746.66 crore have been established in the country. The State/UT wise details of cold storage sanctioned under various programmes are at **Annexure – I and Annexure – IA**.

The component of cold storage under these schemes is project based and entrepreneur driven. The storage facilities are used by farmers on rental and price arbitrage models. The number of farmers using these facilities varies from place to place, crop to crop and season to season.

(d) to (f): As per Central Statistical Office (CSO), inflation rates (%) for November, 2017 (provisional) on base (2012=100) for rural and urban areas for fruits and vegetables are as under:

	Fruits			Vegetables		
	Nov 16	Nov 17	Inflation rate (%)	Nov 16	Nov 17	Inflation rate (%)
Rural	136.9	147.7	7.89	141.8	168.0	18.48
Urban	130.8	136.4	4.28	142.0	185.2	30.42
Combined	134.1	142.4	6.19	141.9	173.8	22.48

Further, the monthly average wholesale prices of fruits and vegetables are at (**Annexure - II**).

Study 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), published in 2015, estimated that quantum of quantitative harvest and post harvest losses were in the range of 6.70% to 15.88% (fruits) and 4.58% to 12.44% (vegetables).

Government of India is implementing various programme for creation of efficient supply chain through creation of various types of post harvest infrastructure for linking farmers produce with markets. Further, Ministry of Agriculture & Farmers Welfare implements Market Intervention Scheme (MIS) for procurement of agricultural and horticultural commodities which are perishable in nature and are not covered under the Price Support Scheme (PSS). The objective of intervention is to protect the growers of these commodities from making distress sale in the event of a bumper crop during the peak arrival period when prices tend to fall below economic levels and cost of production.

State wise & Agency wise distribution of Cold Storages as on 30.04.2017

S. No.	Name of the State	upto 2009*			2009-10 to 2016-17						Total				
		No.	Capacity (MT)	NHB		NHM		MoFPI			No.	Capacity (MT)	Subsidy		
				No.	Capacity (MT)	Subsidy	No.	Capacity (MT)	Subsidy	No.				Capacity (MT)	Subsidy
1	Andaman & Nicobar Islands (UT)	2	210							1	600	245	3	810	245
2	Andhra Pradesh & Telangana	290	900606	36	220158	2330	111	668302	12831	14	42300	11825	451	1831366	26986
3	Arunachal Pradesh	1	5000	0	0	0				1	1000	849	2	6000	849
4	Assam	24	88068	11	67090	1652				2	8100	1770	37	163258	3422
5	Bihar	246	1147041	28	111821	809	29	153233	1556	3	3500	2668	306	1415595	5033
6	Chandigarh (UT)	6	12216	1	246	25							7	12462	25
7	Chhattisgarh	69	341885	14	68597	1107	13	65349	1474	2	8500	1336	98	484331	3917
8	Delhi	95	126158	2	3699	136							97	129857	136
9	Goa	29	7705										29	7705	-
10	Gujarat	398	1267304	51	175151	2840	305	1464131.87	42886	20	45100	17018	774	2951687	62744
11	Haryana	244	393121	39	147816	4772	51	171689.25	4486	9	47600	6831	343	760226	16089
12	Himachal Pradesh	18	19858	7	20504	2214	29	54805.18	6528	11	30800	9167	65	125967	17909
13	Jammu & Kashmir	19	42869	6	24630	3078	8	41207	9379	6	7300	4716	39	116006	17173
14	Jharkhand	45	170148	8	36757	389	5	29775	783				58	236680	1172
15	Karnataka	170	407165	10	92653	922	14	54762.26	1262	9	26000	5820	203	580580	8004
16	Kerala	193	58105	1	5000	49				4	17300	2620	198	80405	2669
17	Lakshadweep (UT)	1	15										1	15	-
18	Madhya Pradesh	197	808052	22	110174	1533	71	320083	6924	9	21000	6998	299	1259309	15455
19	Maharashtra	466	546748	30	109737	2275	58	151121.5	4454	49	172000	35830	603	979607	42559
20	Manipur	0	0				0	0	0	2	5500	1783	2	5500	1783
21	Meghalaya	3	3200	1	5000	28							4	8200	28
22	Mizoram	0	0	1	3471	46				2	500	1277	3	3971	1323
23	Nagaland	2	6150	0	0	0				2	1200	1719	4	7350	1719
24	Orissa	101	291039	1	9982	214	71	262100	8604	2	2000	1208	175	565121	10026
25	Pondicherry (UT)	3	85										3	85	-
26	Punjab	422	1345193	56	184923	3915	166	584901.98	16083	16	49000	12616	660	2164018	32614
27	Rajasthan	110	324226	26	98907	1953	21	88760	1393	9	43400	5752	166	555293	9097
28	Sikkim	1	2000				1	100	300				2	2100	300
29	Tamil Nadu	148	238536	16	65047	640	1	6000	109	8	28000	6346	173	337583	7095
30	Tripura	11	29450	3	16027	332							14	45477	332
31	Uttar Pradesh	1589	10118000	510	3021875	28725	184	1016530.37	11659	23	66300	19123	2306	14222706	59507
32	Uttarakhand	15	68499	5	9272	378	10	21650	3753	16	61000	14901	46	160421	19032
33	West Bengal	463	5682000	14	47812	608	26	153699	1879	8	57000	4937	511	5940511	7423
		5381	24450652	899	4656351	60970	1174	5308200	136341	228	745000	177355	7682	35160203	374666

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

(* Data maintained by DMI till 2009 and details of financial assistance is not available) Cold storage assisted under NCDC are part of NHB

Annexure - IA

STATE WISE LIST OF COLD STORAGES FUNDED BY APEDA			
S. No.	State	Nos.	Amount Rs. in Lakhs APEDA sanctioned amount
1	MAHARASHTRA	23	8911.90
2	MADHYA PRADESH	4	1909.76
3	GUJARAT	10	6515.76
4	HIMACHAL PRADESH	10	2880.99
5	PUNJAB	3	847.29
6	UTTARAKHAND	2	1487.46
7	UTTAR PRADESH	4	2911.00
8	TAMIL NADU	4	258.23
9	KERALA	8	3424.50
10	KARNATAKA	5	2067.57
11	ANDHRA PRADESH	7	2618.77
12	WEST BENGAL	6	1988.27
13	ODISHA	2	534.80
14	ASSAM	2	1394.16
15	MIZROAM	3	1132.66
16	MANIPUR	1	409.23
17	RAJASTHAN	5	1589.03
18	JAMMU & KASHMIR	1	388.00
19	SIKKIM	2	308.97
20	GOA	1	236.88
21	DELHI	1	564.82
	Total	104	42380.05

Annexure - II

Monthly Average wholesale prices of Fruits & Vegetables

Rs/qnt													
Commodities	UNIT	2017											
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC*
Aonla		2322	2409	2450	2850	3869	4513	5090	7250	4440	3093	2614	3221
Apples		8138	8588	9288	9525	9938	10256	8731	7981	7469	7019	6456	6306
Banana	100 No.	329	333	365	375	395	393	405	422	423	414	420	417
Beans		3498	4025	4370	4590	4513	4350	3508	3488	4002	4113	3648	3006
Bitter Gourd		3325	3470	3450	3460	3098	3023	2990	2370	2085	2310	2535	2655
Bottle Gourd		1000	1231	1219	1100	944	1144	1469	1363	1581	1481	1563	1438
Carrot		1055	885	2037	2606	2681	2444	2050	1981	1631	2706	3063	2675
Cauliflower	100 No.	780	811	1119	1246	1458	1729	2000	1875	2308	2325	1575	1357
Coconut	1000 No.	11203	12310	12713	12848	13045	12855	13125	14147	15275	15692	15900	16908
Cucumber		1400	1655	1450	1580	1270	2010	2060	1450	1230	1490	1480	1510
Drumstick		4175	2100	1850	1825	2775	2935	3817	3425	5125	5956	5896	8575
Grapes			5000	4050	4400	4550	5100	5150	4000	4000	4700	7050	7250
Guava		2800	3450	2750	2550	3200	3000	3200	3150	3150	2900	2600	3100
Jackfruit		3293	2630	1938	1875	1838	1525	1650	1825	1950	2075	2917	3025
Ladyfinger		3350	3467	2633	2267	1653	1445	2000	1707	1542	1667	1775	2125
Mangoes		4625	4800	5486	4588	4015	3802	4017	6200	6750	7500	7500	8000
Mosambi		3594	3506	3311	3217	2997	3089	2917	2953	2948	3033	2900	2950
Onion		1191	1284	1320	1482	1675	2089	1846	2818	2480	3605	4775	4668
Oranges	100 No	1628	1442	1197	957	1047	1556	2584	5050	2775	2267	1927	2027
Pear		4967	4467	4633	4700	4350	4175	3500	3175	3125	3425	4000	3850
Peas Green		1389	1586	2172	3344	3638	4088	4638	3888	5788	5288	3650	3044
Pineapple		3450	3200	3144	3281	3320	3571	3143	3550	3038	3614	2929	3225
Pointed Gourd		5375	5200	3438	2638	2113	1606	1500	2019	1975	2388	2744	3169
Pomegranate		5930	6420	6350	5674	5395	5270	4769	5240	5114	5410	5300	5055
Potato		732	692	674	790	860	872	957	918	869	975	905	917
Pumpkin		887	867	923	994	800	850	1081	1206	863	955	1120	990
Radish		557	483	557	963	800	625	1625	975	850	1013	700	688
Tamarind		6850	6640	7030	7750	7800	7530	8090	8080	8805	8575	10075	11000
Tapioca		2025	2088	2100	2143	2118	2005	2070	1945	1944	1944	1881	1881
Tomato		1032	1137	1254	895	970	2943	5576	3866	1822	3244	3686	3196

*- Up to 8th December 2017
