

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

LOK SABHA
UNSTARRED QUESTION NO.1769
TO BE ANSWERED ON THE 8TH MARCH, 2016

COLD CHAIN

1769. SHRI SUSHIL KUMAR SINGH:
SHRI AJAY TAMTA:

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

- (a) whether the Government is promoting development of cold chains through the Mission for Integrated Development of Horticulture (MIDH) in the country including Bihar and Uttarakhand if so, the details thereof;
- (b) the number of cold chains constructed/proposed to be developed during the last three years and the ensuing three years, year and State-wise;
- (c) the total amount invested/incurred annually to increase and improve cold chain system mechanism in the country including Bihar and Uttarakhand;
- (d) the percentage of fruits, grains vegetables etc. got wasted due to deficient cold chain system during the last one year and the current year;
- (e) the steps being taken by the Government to improve cold chain management system so as to ensure that no such wastage occurs and farmers are never in loss; and
- (f) the steps being taken by the Government to increase such projects in the country and the amount sanctioned and incurred by the Government during the last three years and the current year in various States of the country, details thereof State/UT-wise?

ANSWER

MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE AND FARMERS WELFARE

कृषि एवं किसान कल्याण मंत्रालय में राज्य मंत्री (SHRI MOHANBHAI KUNDARIYA)

(a) to (f): Department of Agriculture, Cooperation & Farmers Welfare is implementing Mission for Integrated Development of Horticulture (MIDH) since 2014 for development of horticulture in the country subsuming the programmes of National Horticulture Mission (NHM), National Horticulture Board (NHB), Horticulture Mission for North Eastern & Himalayan States (HMNEH), National Bamboo Mission (NBM), Coconut Development Board (CDB) and Central Institute of Horticulture (CIH). MIDH is implemented for holistic development of horticulture in the country including Bihar and Uttarakhand under which assistance is also provided for creation of post-harvest infrastructure like establishment of cold storages, processing units, pack houses, pre-cooling units, controlled atmosphere storage, reefer vans, integrated cold chain and setting up of ripening chambers. Under Post harvest component credit linked back ended subsidy @ 35% to 50% of the project cost is available. The details of State wise and

Contd...2/-

Year-wise cold storages sanctioned under NHM and NHB during last three years is at **Annexure – I**.

The component of post harvest management including development of cold chain under MIDH is demand/entrepreneur driven from entrepreneurs, private companies, cooperatives, farmers groups etc through commercial ventures for which Government assistance is credit linked and back ended. Allocations to States under MIDH for implementation of various components including cold chain development are based upon Annual Action Plans prepared by the States. States are generally allocating 25 per cent of yearly allocations for development of post harvest including cold chain in the States under MIDH.

Ministry of Food Processing Industries commissioned a study in 2012 on “Assessment of Quantitative Harvest and Post-harvest Losses of Major Crops/Commodities in India” which was conducted by Central Institute of Post Harvest Engineering & Technology (CIPHET), Indian Council of Agricultural Research (ICAR). The report of the study was published in 2015.

As per this report, post-harvest losses including losses during storage were in the range of 4.65% to 5.99% (cereals), 6.36% to 8.41% (pulses), 3.08% to 9.96% (oil seeds), 6.70% to 15.88% (fruits) and 4.58% to 12.44% (vegetables).

State wise cold storage projects sanctioned and subsidy released during last three years under National Horticulture Board (NHB) and National Horticulture Mission (NHM) (sub schemes of MIDH)

(Rs. In lakh)

S.	Name of the	NHB						NHM						Total	
		2012-13		2013-14		2014-15		2012-13		2013-14		2014-15			
No.	State	No.	Subsidy	No.	Subsidy	No.	Subsidy	No.	Subsidy	No.	Subsidy	No.	Subsidy	No.	Subsidy
1	Andhra Pradesh	1	179.12	3	169.91	1	120.00	7	819	10	1142.42	8	926.72	30	3357.45
2	Assam			2	330.00	1	228.00							3	558.00
3	Bihar	3	170.83	3	97.72							1	124.95	7	393.50
4	Chandigarh					1	24.60							1	24.60
5	Chhattisgarh	2	145.25	3	294.24	3	327.40	2	229	1	120.00	5	752.60	16	1868.26
6	Delhi			2	135.98									2	135.98
7	Gujarat	1	44.37	2	223.86	2	785.08	19	1880	22	1842.84	63	7405.13	109	12181.02
8	Haryana	4	451.17	16	2141.04	11	1363.74	10	761	5	586.00	1	106.23	47	5409.03
9	Himachal Pradesh			3	946.64	2	375.88					2	2039.47	7	3361.98
10	Jammu & Kashmir	1	513.60		417.72		351.97					1	1625.00	2	2908.28
11	Jharkhand	1	19.34			1	245.58	1	113					3	378.24
12	Karnataka			1	50.00	1	381.56	2	111	2	240.00	2	141.60	8	923.89
13	Madhya Pradesh	2	196.20	2	60.32	2	313.29	12	1161	4	396.82	13	1426.99	35	3554.58
14	Maharashtra	1	23.00	11	1036.88	3	277.20	3	260	10	608.92	12	1533.08	40	3739.30
15	Meghalaya			1	28.28									1	28.28
16	Orissa							1	20	4	499.00	9	1160.50	14	1679.50
17	Punjab	14	501.80	7	446.37	8	1107.02	30	2283	10	468.85	3	342.75	72	5150.13
18	Rajasthan	2	181.54	9	598.81	1	20.40	2	112	2	167.66	2	92.30	18	1173.19
19	Sikkim											1	300.00	1	300.00
20	Tamil Nadu	4	172.59			2	182.75	1	109					7	463.97
21	Telangana							8	975	11	1209.88			19	2184.95
22	Tripura			1	165.00	1	140.00							2	305.00
23	Uttar Pradesh	32	3636.92	70	5730.36	33	3978.69	4	408	13	1065.59			152	14819.28
24	Uttarakhand			1	125.00	2	185.68							3	310.68
25	West Bengal	1	41.82			4	223.24	4	415	1	95.16			10	775.42
	TOTAL	69	6277.55	137	12998.13	79	10632.07	106	9656	95	8443	123	17977	609	65984.52
