

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

LOK SABHA
UNSTARRED QUESTION NO.3902
TO BE ANSWERED ON THE 9TH AUGUST, 2016

FOREIGN INVESTMENT IN MARKETING AND COLD STORAGE

3902. SHRI OM PRAKASH YADAV:
SHRI KUNWAR PUSHPENDRA SINGH CHANDEL:
SHRI D.K. SURESH:
SHRI PONGULETI SRINIVASA REDDY:
ADV. NARENDRA KESHAV SAWAIKAR:
SHRIMATI SANTOSH AHLAWAT:

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

- (a) whether the Government is aware that the horticulture sector in the country is facing huge losses due to post-harvest wastages and lack of cold storages for them, if so, the details of the estimated losses of the fruits and vegetables production during the last three years and the current year, State-wise;
- (b) whether the Government is considering to develop a system through horticultural research and invention to make it possible flowering of fruit orchards in a phased manner so that the crop can also be harvested in a phased manner to reduce wastage, if so, the details thereof;
- (c) whether the Government is considering to set up more cold storages in various States of the country, if so, the details thereof, State-wise including the present capacity of cold storages in various States of the country, details thereof, State-wise;
- (d) the details of the assistance provided by the Government to various States for setting up of cold storages during the last three years and the current year, State-wise;
- (e) whether the Government is considering to promote FDI in marketing and cold storage of agricultural produce, if so, the details thereof; and
- (f) the other steps taken by the Government to bring down the wastages of perishable fruits and vegetables?

ANSWER

MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE AND FARMERS WELFARE

ॐ एवं किसान कल्याण ॐ (SHRI
PARSHOTTAM RUPALA)

(a): 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), on "Assessment of Quantitative Harvest and

Post-Harvest Losses of Major Crops and Commodities in India”, published in 2015, estimated that quantum of quantitative harvest and post harvest losses of agricultural produce 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), 4.58% to 12.44% (vegetables), 5.23% to 10.52% (fish), 2.71% (meat), 6.74% (Poultry) and 0.92% (milk).

(b): Indian Council of Agricultural Research (ICAR) have standardized the flowering regulation in banana, citrus, grapes, guava, mango, papaya, pineapple, pomegranate and strawberry.

(c): Government, through various schemes/ mission, is providing financial assistance for creation of additional cold storage/cold chain capacities in the country. As on 31.03.2016, about 34 million MT capacity of Cold storage/cold chain infrastructure have been assisted/created in various parts of the country. State wise cold storage capacity created is at **Annexure - I**.

(d): The details of assistance provided by the Government to various States for setting up of cold storages during the last three years and the current year, State-wise is at **Annexure – II**.

(e): 100% Foreign Direct Investment (FDI) is allowed under automatic route for setting up storage and warehousing including warehousing of agriculture products with refrigeration under automatic route. Further, 100% FDI under Government approval route for trading, including through e-commerce, in respect of food products manufactured or produced in India is permitted.

(f): The Government is implementing the following programmes to reduce wastages of perishables fruits and vegetables in the country.

- i. Mission for Integrated Development of Horticulture (MIDH) of DAC&FW.
- ii. Integrated cold chain Scheme of MOFPI:
- iii. Scheme of Agricultural Processed Food Products Export Development Authority (APEDA) under Ministry of Commerce.
- iv. Scheme of National Cooperative Development Corporation (NCDC) under DAC &FW

Under these programmes, financial assistance is provided to farmers/entrepreneurs for creation of post harvest infrastructure which includes setting up cold storages/cold chain infrastructure.

Annexure-I**State wise Cold Storage capacity as on 31.03.2016**

S. No.	Name of the State	No.	Capacity (MT)
1	Andaman & Nicobar Islands (UT)	2	210
2	Andhra Pradesh & Telangana	426	1729286
3	Arunachal Pradesh	1	5000
4	Assam	35	152706
5	Bihar	305	1416095
6	Chandigarh (UT)	7	12462
7	Chhattisgarh	98	484557
8	Delhi	97	129857
9	Goa	29	7705
10	Gujarat	692	2570973
11	Haryana	318	695795
12	Himachal Pradesh	53	105726
13	Jammu & Kashmir	33	100976
14	Jharkhand	57	226680
15	Karnataka	193	548001
16	Kerala	196	78105
17	Lakshadweep (UT)	1	15
18	Madhya Pradesh	294	1253715
19	Maharashtra	575	881860
20	Manipur	1	3000
21	Meghalaya	4	8200
22	Mizoram	3	4471
23	Nagaland	2	6150
24	Orissa	167	523139
25	Pondicherry (UT)	3	85
26	Punjab	655	2152003
27	Rajasthan	159	521387
28	Sikkim	2	2100
29	Tamil Nadu	168	316583
30	Tripura	14	45477
31	Uttar Pradesh	2250	13978608
32	Uttarakhand	44	148921
33	West Bengal	511	5940511
		7395	34050359

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

Annexure-II

State wise assistance provided for cold storage during last three years (2013-14 to 2015-16) & current year (2016-17)

(Rs. in lakh)

S. No.	State	2013-14 to 2015-16	2016-17 (as on 31.07.2016)
1	Andhra Pradesh & Telangana	6099.10	90.00
2	Assam	2019.55	0.00
3	Bihar	222.67	0.00
4	Chandigarh	24.60	0.00
5	Chhattisgarh	1632.56	0.00
6	Delhi	135.98	0.00
7	Gujarat	18950.95	3188.20
8	Haryana	10118.73	1158.76
9	Himachal Pradesh	12251.17	312.00
10	Jammu & Kashmir	11058.99	480.00
11	Jharkhand	245.58	0.00
12	Karnataka	2092.97	0.00
13	Kerala	480.00	0.00
14	Madhya Pradesh	5754.09	250.00
15	Maharashtra	11472.60	2410.97
16	Manipur	745.00	0.00
17	Meghalaya	28.28	0.00
18	Mizoram	1049.00	0.00
19	Orissa	7530.95	0.00
20	Punjab	12910.31	500.00
21	Rajasthan	2263.17	295.00
22	Sikkim	300.00	0.00
23	Tamil Nadu	481.75	0.00
24	Tripura	305.00	0.00
25	Uttar Pradesh	17049.81	1312.05
26	Uttarakhand	9364.22	675.00
27	West Bengal	1969.17	165.00
	TOTAL	136556.21	10836.98

Source: National Horticulture Board (NHB), National Horticulture Mission (NHM) & Ministry of Food Processing Industries (MoFPI)
