

**GOVERNMENT OF INDIA  
FOOD PROCESSING INDUSTRIES  
LOK SABHA**

UNSTARRED QUESTION NO:890

ANSWERED ON:01.03.2016

Wastage of Agro-Products

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**Will the Minister of FOOD PROCESSING INDUSTRIES be pleased to state:**

(a) the quantum and value of food grains, fruits, vegetables and other agricultural products which go waste in the country due to lack of agro-processing infrastructure and cold storages/cold chain facilities and the corrective action taken thereon;

(b) the details of the funds sanctioned, allocated and released for setting up of cold storage/cold chains under the existing schemes of food processing industries and the infrastructure created thereunder;

(c) the number of cold storages and their storage capacity as on date along with the capacity required and enhanced during each of the last three years and the current year in the country, State/UT-wise;

(d) Whether the National Centre for Cold-chain Development has conducted any study to ascertain the gap in cold-chain infrastructure, if so, the details and outcome thereof along with the reaction of the Government thereto;

(e) whether the Government has developed cold chain infrastructure under the Public Private Partnership mode in the country during the last three years, if so, the details thereof; and

(f) whether the Government has set up a Task Force to review the development of cold storage and cold chain related schemes in the country and if so, the details thereof along with the target set for increasing the capacity of cold storage system on the recommendation of the said Task Force and the follow up action taken by the Government in this regard?

**Answer**

THE MINISTER OF STATE FOR FOOD PROCESSING INDUSTRIES

(SADHVI NIRANJAN JYOTI)

(a) The study conducted by Central Institute of Post-Harvest Engineering and Technology (CIPHET), Ludhiana has estimated that annual value of harvest and post-harvest losses of major agricultural produces at national level was of the order of Rs. 92,651 crore based on production data of 2012-13 at 2014 wholesale prices. The crop-wise post-harvest losses as assessed by the study are given at Annexure-I.

The Ministry of Food Processing Industries is implementing a Central Sector Scheme, namely the Scheme for Infrastructure Development for Food Processing having components of Mega Food Parks, Integrated Cold Chain, Value Addition and Preservation Infrastructure and Modernization of Abattoirs.

Under the Scheme, 135 Integrated Cold Chain Projects have been sanctioned by the Ministry with the cold chain capacity of 4.75 Lakh MT of Cold Storage/Controlled Atmosphere/Modified Atmosphere storage, Deep Freezer, 114.75 MT/Hour of Individual Quick Freezer(IQF), 120.05 Lakh Litres Per Day of Milk Storage/Processing and 787 number of Reefer vehicles.

The Government is also providing various incentives to promote creation of cold chain infrastructure to reduce loss of agricultural produce. The details of such incentives are given at Annexure-II.

(b) Details of funds allocated and released under the scheme of Cold Chain, Value Addition and Preservation Infrastructure since 2009 are at Annexure-III. So far, 3.12 Lakh Metric Tonne of Cold Storage/Controlled Atmosphere/Deep Freezer, 77 Metric Tonne/Hour of Individual Quick Freezer(IQF), 95 Lakh Litres Per Day of Milk Storage/Processing and 456 Number of Reefer Vehicles have been created under the Scheme of Cold Chain, Value Addition and Preservation Infrastructure.

(c) Under the Scheme of Cold Chain, Value Addition and Preservation Infrastructure of the Ministry of Food Processing Industries stand alone cold storages are not assisted. The financial assistance is provided for creating an integrated cold chain having components of cold storage, minimal processing and reefer vehicles etc. Details of State-wise/UT-wise number of Cold chain projects and cold storage capacity created during last three years and current year are at Annexure-IV.

(d) National Center for Cold Chain Development (NCCD) under Department of Agriculture, Co-operation & Farmers Welfare has conducted a study "All India Cold Chain Infrastructure Capacity (Assessment of Status & Gap)". As per the study the Cold Chain requirement in the country stands as follows:

Type of Infrastructure Infrastructure Requirement (A) Infrastructure Created (B) All India Gap

(A-B)

Cold Storage\* 35.10 million tons 31.82 million tons 3.28 million tons

Pack-house 70,080 nos. 249 nos. 69,831 nos.

Reefer Vehicles 61,826 nos. 9,000 nos. 52,826 nos.

Ripening Chambers 9,131 nos. 812 nos. 8,319 nos.

\*Gap may be 8.25 million tones considering the operational capacity of 26.85 million tones.

The study has not covered perishable produce like milk and other milk products like cheese, yogurt, paneer, marine products, fish and meat etc. However, ice cream is included under the frozen category. Only fruits and vegetables currently consumed and capable of being handled in cold chain have been considered.

Ministry of Agriculture and Farmers Welfare has accepted the Report and it has been circulated to State Governments for reference and future development of Cold-chain.

(e) No proposal for development of cold chain infrastructure under the Public Private Partnership mode has been received till date for assistance by the Ministry under Viability Gap Funding Scheme of the Government of India.

(f) To accelerate the availability of cold storage and to improve the efficiency of Cold Chain Management a Task Force under the Chairmanship of Secretary, Ministry of Food Processing Industries was set up by the Prime Minister's Office in 2014 with a view to re-visiting the strategies, financial incentives to all cold storage/ cold chain related schemes and recommend institutional mechanism for enhancing capacity of cold chain in the country. The Task Force has, inter alia, recommended that the Government should aim at creating an additional capacity of 7.5 million tonnes over the next five years with fund allocation of Rs. 6,100 crore. Out of this, 5 million tonnes may be created together by National Horticulture Mission and National Horticulture Board (2.5 million tonnes each) under Mission for Integrated Development of Horticulture Scheme of Department of Agriculture, Cooperation and Farmers Welfare and 2.5 million tonnes under the scheme of the Ministry of Food Processing Industries. The Government has accepted the report.

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