

**GOVERNMENT OF INDIA  
MINISTRY OF CONSUMER AFFAIRS, FOOD & PUBLIC DISTRIBUTION  
DEPARTMENT OF FOOD AND PUBLIC DISTRIBUTION**

**LOK SABHA  
UNSTARRED QUESTION NO.2334  
TO BE ANSWERED ON 21<sup>ST</sup> DECEMBER, 2022**

**IMPACT OF INDIA'S EXISTING FOOD SYSTEM**

**2334. MS. S. JOTHIMANI:**

**Will the Minister of CONSUMER AFFAIRS, FOOD AND PUBLIC DISTRIBUTION** उपभोक्ता मामले, खाद्य और सार्वजनिक वितरण मंत्री **be pleased to state:**

- (a) whether the Government has conducted any study on the impact of India's existing food system on the environment quality and if so, the details thereof;**
- (b) the steps taken by the Government to reduce food losses during storage and transportation, along with the details of the quantity of foodgrains lost during storage and transit, since 2019 - national average as well as the food losses reported in Tamil Nadu;**
- (c) the number of existing steel silos in India and particularly in the State of Tamil Nadu, along with the details of silos presently in development and those planned in the future;**
- (d) the steps, if any, taken by the Government to promote/support the setting up of small-sized storage units at the farm level; and**
- (e) the details of investments made by the Government in funding innovations to address the challenges associated with food losses and wastage?**

**A N S W E R  
MINISTER OF STATE FOR MINISTRY OF RURAL DEVELOPMENT AND  
CONSUMER AFFAIRS, FOOD & PUBLIC DISTRIBUTION  
(SADHVI NIRANJAN JYOTI)**

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**(a): No such study has been conducted by the Department.**

**(b): The steps taken by the Government to reduce foodgrains losses during storage and transit are at Annexure. The details on the storage and transit losses of foodgrains (wheat & rice) since 2019 including Tamil Nadu State are as under:**

**Storage Losses:**

(Qty. in LMT)		
Year	Quantity Received	% of Loss
2019-20*	868.50	-0.14
2020-21*	1312.95	-0.13
2021-22*	1420.63	-0.23
2022-23 (upto Nov, 2022)**	786.14	-0.04

(-) indicates Gain. (\*) indicates audited figures, (\*\*) indicates provisional figures.

**Transit Losses:**

(Qty. in LMT)		
Year	Quantity Moved	% of Loss
2019-20*	409.64	0.23
2020-21*	618.74	0.24
2021-22*	646.89	0.22
2022-23 (upto Nov., 2022)**	382.69	0.24

(\*) indicates audited figures, (\*\*) indicates provisional figures.

(c): As on date, a total 31 numbers of steel silos of 17.75 LMT capacity has been constructed in India including 2 steel silos of 0.25 LMT capacity at Coimbatore & Chennai in Tamil Nadu State. Moreover, under Hub & Spoke model, 249 numbers of steel silos with the capacity of 111.125 LMT are also proposed to be developed in phased manner.

(d) & (e): For creation of Agriculture Marketing Infrastructure including scientific storage capacity, the Ministry of Agriculture and Farmers Welfare is implementing capital subsidy "Agricultural Marketing Infrastructure (AMI)" sub-scheme of Integrated Scheme for Agriculture Marketing (ISAM) across the country. Since inception of the scheme and upto 31.11.2022, Rs. 343590.30 lakh subsidy has been released for 42,164 storage infrastructure projects, with the storage capacity of 740.43 LMT.

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**ANNEXURE REFERRED TO IN REPLY TO PART (b) OF UNSTARRED QUESTION NO.2334 DUE FOR ANSWER ON 21.12.2022 IN LOK SABHA**

**The details on the steps taken by the Government to control the storage and transit losses are as under:**

**Storage losses:**

- **Storage losses are reviewed in Monthly Performance Review Meeting.**
- **Review of Storage Losses at HQ/Zone/Region/District levels.**
- **Implementation of revised norms for storage gain/ loss in covered storage.**
- **Intensification of depot inspections showing higher storage losses.**
- **Increasing covered storage capacity to reduce CAP storage**
- **Periodical prophylactic and curative treatment of stocks.**
- **Deployment of adequate Security, CCTV etc.**
- **Physical measures like installation of barbed wire fencing of the boundary walls, provision of street lights for illumination of godowns and proper locking of the sheds are being reviewed regularly to secure the godowns.**
- **Disciplinary action against delinquents for unjustified losses, recovery against unjustified losses from agencies like CWC/SWC and State Agencies.**

**Transit losses:**

- **Transit losses are reviewed in Monthly Performance Review Meeting.**
- **Review of Transit Losses at HQ/Zone/Region/District levels.**
- **Spreading of Polythene Sheet on the floor of railway wagons to retrieve the spilled-over grains,**
- **Joint Verification of high Transit Loss cases to fix responsibility. The lower limit of TL for Joint Verification (JV's) has been reduced from 1% to 0.75% and further 0.50% w.e.f. 01.10.2022.**
- **An experiment is being conducted in all Regions for 3 months w.e.f. 01.10.2022 by making use of high security seal to avoid tempering enroute pilferage.**
- **Made-up bags accords at railhead are being accounted.**
- **Disciplinary action against delinquents for abnormal/unjustified transit losses.**
- **Deployment of Independent Consignment Certification Squad (ICCS) at the time of loading /unloading.**

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