

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

**LOK SABHA
UNSTARRED QUESTION NO.2416
TO BE ANSWERED ON 16TH MARCH, 2022**

PROPER STORING TECHNOLOGY

2416. SHRI D.M. KATHIR ANAND:

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 taken adequate steps to store, preserve and protect the food grains, pulses, fast perishable items etc., in the country, to reduce wastage of food grains due to lack of scientific and proper storing technology;**
- (b) if so, the details thereof and the quantum of wastage of food grains and farm produce assessed during the last five years;**
- (c) whether the Government has invited scientific communities and their expertise in building capacity storage facilities to reduce wastage of food grains during storage and transit;**
- (d) the steps taken by the Government to increase quality storage facilities of godowns in Tamil Nadu; and**
- (e) the funds allocated during the last five years in this regard?**

A N S W E R

**MINISTER OF STATE FOR MINISTRY OF RURAL DEVELOPMENT AND CONSUMER
AFFAIRS, FOOD & PUBLIC DISTRIBUTION
(SADHVI NIRANJAN JYOTI)**

(a): No wastage of Central Pool Foodgrains stocks (wheat & rice) stored in godowns can be directly attributed to lack of scientific and proper storing technology. However, in respect of fast perishable items, wastage is directly linked to lack of scientific & proper storage facilities.

(b): Steps taken by the Government to store preserve and protect the foodgrains are enclosed at annexure.

Inspite of all precautionary measures a meagre quantity of foodgrains accrue as damaged/become non-issuable mainly due to Natural Calamities like Cyclone/Flood/Rain, during transit, contamination and wagon roof leakage.

The details on the quantity of foodgrains (rice & wheat) which got damaged in godowns of Food Corporation of India (FCI) during last five years are as under:

Year	Quantity Handled (Offtake) (In Lakh MT)	Damage accrued in FCI(Fig in LMT)	% age of damaged foodgrains w.r.t quantity handled (offtake)
2016-17	473.31	0.09	0.019
2017-18	452.16	0.027	0.006
2018-19	500.08	0.05	0.010
2019-20	455.126	0.02	0.004
2020-21	688.57	0.02	0.003

(c): Yes Sir.

(d) & (e) FCI continuously assesses and monitors the storage capacity and based on the storage gap assessment, storage capacities are created/hired. Storage Capacity enhancement in Tamil Nadu was mainly undertaken through hiring under Private Warehousing Scheme (PWS) or by increasing stack height wherein no capital expenditure is involved.

ANNEXURE

ANNEXURE REFERRED TO IN REPLY TO PART (b) OF THE UNSTARRED QUESTION NO. 2416 FOR ANSWER ON 16.03.2022 IN LOK SABHA

Steps taken by the Government to prevent damage of foodgrains are as under:

- (i) All godowns are constructed as per specifications.**
- (ii) Foodgrains are stored by adopting proper scientific code of storage practices.**
- (iii) Adequate dunnage materials such as wooden crates, bamboo mats, polythene sheets are used to check migration of moisture from the floor to the foodgrains.**
- (iv) Fumigation covers, nylon ropes, nets and insecticides for control of stored grain insect pests are provided in all the godowns.**
- (v) Prophylactic (spraying of insecticides) and curative treatments (fumigation) are carried out regularly and timely in godowns for the control of stored grain insect pests.**
- (vi) Effective rat control measures are taken.**
- (vii) Foodgrains in 'Cover and Plinth' (CAP) storage are stored on elevated plinths and wooden crates are used as dunnage material. Stacks are properly covered with specifically fabricated low-density black polythene water -proof covers and tied with nylon ropes/nets.**
- (viii) Regular periodic inspections of the stocks/godowns are undertaken by qualified and trained staff and all senior officers. The health of the foodgrains is monitored at regular intervals by a system of checks and super checks at different levels.**
- (ix) The principle of "First in First Out" (FIFO) is followed to the extent possible so as to avoid longer storage of foodgrains in godowns.**
- (x) Only covered rail wagons are used for movement of foodgrains so as to avoid damage during transit.**
- (xi) Identify & repair all the leakage point in the roof is done periodically.**
- (xii) Cleaning of drainages in the godown premises ensured.**
- (xiii) Ensure no seepage inside the godowns.**
- (xiv) No clogging up of water in the premises.**
