

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

LOK SABHA
UNSTARRED QUESTION NO. 1003
TO BE ANSWERED ON THE 13TH DECEMBER, 2022

LOSS OF GRAINS AND HORTICULTURE CROPS

1003. SHRI DUSHYANT SINGH:

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

- (a) the latest data on the food losses of grains and horticulture crops during the last five years, year and State-wise especially in Rajasthan since the “Assessment of Quantitative Harvest and Post-Harvest Losses of Major Crops and Commodities in India” study in 2015;
- (b) whether the Government has conducted any study regarding the relationship between food wastage and food inflation and if so, the details thereof along with the results;
- (c) the details of the amount of food inflation that can be controlled, just by reducing food wastage; and
- (d) the manner in which the Government proposes to address the issues of food industries in Rajasthan and if so, the details of action taken thereon?

ANSWER

MINISTER OF AGRICULTURE AND FARMERS WELFARE

कृषि एवं किसान कल्याण मंत्री (SHRI NARENDRA SINGH TOMAR)

(a): As per the information received from Ministry of Food Processing Industries, the latest study report on “Assessment of harvest and post harvest losses of major crops and commodities in India” was conducted by Indian Council of Agriculture Research (ICAR)-Central Institute of Post-Harvest Engineering & Technology (CIPHET) Ludhiana and report was released in 2015. Recently, Ministry of Food Processing Industries had commissioned a study namely, “Study to Determine Post Harvest Losses of Agri Produces in India” through NABARD Consultancy Services Pvt. Ltd. (NABCONS) and submitted their report in 2022. Crop/ commodity wise losses reported in the study is at Annexure-I.

Further, as per the information provided by the Ministry of Consumer Affairs, Food & Public Distribution, the food grains stock accrued as non-issuable (damaged) in Food Corporation of India (FCI) in the State of Rajasthan for the year 2017-18, 2018-19, 2019-20, 2020-21, 2021-22 is 01 tonnes, nil, 02 tonnes, 84 tonnes & 63 tonnes respectively.

(b) & (c): As per Indian Council of Agriculture Research (ICAR)- National Institute of Agricultural Economics and Policy Research (NIAP) , there is no such study that directly established relationship between food wastage and food inflation.

(d): As per the information received from Ministry of Food Processing Industries (MoFPI), MoFPI is implementing a Central Sector umbrella scheme Pradhan MantriKisan SAMPADA Yojana (PMKSY) since 2016-17 for overall growth and development of the sector with the aim to augment preservation and processing capacity so as to reduce post-harvest losses, create off farm employment, and enhancing of value addition & exports of processed food across the country.

Post-harvest losses of major crops and commodities

Crops/ Commodities	Loss (%)
Cereals	3.89-5.92
Pulses	5.65-6.74
Oil Seeds	2.87-7.51
Fruits	6.02-15.05
Vegetables	4.87-11.61
Plantation Crops & Spices	1.29-7.33
Milk	0.87
Fisheries (Inland)	4.86
Fisheries (Marine)	8.76
Meat	2.34
Poultry	5.63
Egg	6.03

Source: Study to Determine Post Harvest Losses of Agri Produce in India submitted by M/s NABCONS (2022)

The Terms of Reference of the study did not include estimation of State-wise losses. However, while as part of Agro Climatic Zone (ACZ) survey, estimation of select crops in Rajasthan was done. The results are as under:

Crop	Loss (%)
Bajra	5.03
Black gram	5.74
Chickpea	5.83
Coriander	5.7
Cottonseed	2.53
Greengram	6.21
Groundnut	5.03
Maize	5.81
Milk	1.35
Mustard	4.75
Sorghum	6.01
Soybean	6.54
Wheat	6.25

Source: Study to Determine Post-Harvest Losses of Agri Produce in India (2022)