

GOVERNMENT OF INDIA
MINISTRY OF FOOD PROCESSING INDUSTRIES
RAJYA SABHA
UNSTARRED QUESTION NO. 3900
ANSWERED ON 27TH MARCH, 2026

POST-HARVEST LOSSES OF KEY CROPS IN MAHARASHTRA

3900. SMT. RAJANI ASHOKRAO PATIL:

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

- (a) whether Government has assessed post-harvest losses of key crops in Maharashtra;
- (b) extent of losses in cotton, fruits and pulses;
- (c) storage and processing infrastructure created;
- (d) support for value addition and agri-processing; and
- (e) the reason for persistence of wastage and distress sales despite focused schemes?

ANSWER

THE MINISTER OF STATE FOR FOOD PROCESSING INDUSTRIES
(SHRI RAVNEET SINGH)

(a) & (b): The Ministry of Food Processing Industries (MoFPI) estimates post-harvest losses from time to time for various agri-produces in the country through commissioning of studies based on primary surveys. Two studies were commissioned by the Ministry through (i) Indian Council of Agriculture Research (ICAR) -Central Institute of Post-Harvest Engineering & Technology (CIPHET), 2015 with reference year 2012-14 and (ii) NABARD Consultancy Service Pvt. Ltd (NABCONS), 2022 with reference year 2020-22. As per the latest study conducted by NABCONS, the estimated percentage of Post-Harvest losses of various agricultural produce covered in Maharashtra state is placed at **Annexure-I**.

(c): Under the various scheme of Government, the details of the cold storages and processing capacity created across country as well as in the state of Maharashtra is placed at **Annexure-II**.

(d) & (e): There is some level of post-harvest losses and wastage and rare instances of selling of produce at less than optimal prices due to less than optimal processing capacity and cold storages, constraints at the farm gate level, climate volatility, etc. To address the above issues and holistic end to end development of food processing sector, the MoFPI supports the creation and expansion of the processing/preservation capacity through implementation of various schemes viz. Central Sector umbrella scheme- Pradhan Mantri Kisan Sampada Yojana (PMKSY), Centrally sponsored "PM Formalization of Micro Food Processing Enterprises (PMFME) Scheme" and Central Sector Production Linked Incentive Scheme for Food Processing Industries (PLISFPI). These schemes aim for the overall development of food processing sector, including creation of modern infrastructure with efficient supply chain management from farm gate to retail outlet, reduce post-harvest losses and wastages and create higher value-addition, providing better returns to farmers, creation of employment opportunities, reducing wastage, increasing the processing level and enhancing the export of the processed foods.

Apart from MoFPI, Ministry of Agriculture and Farmers Welfare has launched the Agriculture Infrastructure Fund (AIF) Scheme in July 2020 under the Atmanirbhar Bharat package in order to improve post-harvest infrastructure and create community farming assets. The AIF Scheme facilitates sanction of medium to long term loans by Banks and other lending institutions for the setting up of cold storage facilities, warehouses and processing units, aimed at reducing crop wastage, enhancing value addition and provide better returns to farmers.

ANNEXURE REFERRED TO IN REPLY TO PART (a) & (b) OF RAJYA SABHA UNSTARRED QUESTION NO. 3900 FOR ANSWER ON 27TH MARCH, 2026 ON “POST-HARVEST LOSSES OF KEY CROPS IN MAHARASHTRA”

Products wise post-harvest losses (%) in Maharashtra

Crop	Total Farm Loss	Total Market Loss	Overall Total Loss
Bajra	3.4	0.81	4.21
Banana	4.15	1.91	6.06
Black gram	6.66	0.82	7.48
Chickpea	4.59	0.8	5.4
Citrus	6.71	2.08	8.79
Cottonseed	2.55	0.44	2.99
Eggs	4.00	1.55	5.55
Grapes	4.9	1.83	6.73
Green gram	5.03	0.87	5.9
Groundnut	5.09	1.07	6.16
Maize	4.1	1.2	5.3
Mango	6.06	2.54	8.6
Marine Fish	6.9	1.9	8.8
Meat	2.1	0.68	2.78
Milk	0.32	0.33	0.65
Mushroom	8.3	0.95	9.24
Onion	4.63	2.15	6.78
Paddy	3.87	0.57	4.44
Pigeon pea	5.64	1.26	6.90
Pomegranate	3.73	2.29	6.02
Poultry Meat	2.36	2.42	4.78
Safflower	2.64	0.38	3.02
Sorghum	4.93	1.22	6.16
Soybean	7.59	1.26	8.84
Sugarcane	6.26	2.35	8.61
Sunflower	3.81	1.12	4.93

Source: NABARD Consultancy Service Pvt. Ltd (NABCONS), 2022

ANNEXURE REFERRED TO IN REPLY TO PART (c) OF RAJYA SABHA UNSTARRED QUESTION NO. 3900 FOR ANSWER ON 27TH MARCH, 2026 ON “POST-HARVEST LOSSES OF KEY CROPS IN MAHARASHTRA”

State wise distribution of Cold Storages as on 31.01.2026 in the Country

S. No.	Name of the State	Number.	Capacity (MT)
1	Andaman & Nicobar Islands (UT)	4	2210
2	Andhra Pradesh & Telangana	480	1996340
3	Arunachal Pradesh	2	6000
4	Assam	45	212662
5	Bihar	316	1490200
6	Chandigarh (UT)	7	12462
7	Chhattisgarh	132	586863
8	Delhi	97	129857
9	Goa	29	7705
10	Gujarat	1032	4086046
11	Haryana	388	891494
12	Himachal Pradesh	89	181318
13	Jammu & Kashmir	102	404814
14	Jharkhand	60	250077
15	Karnataka	271	930379
16	Kerala	202	96655
17	Lakshadweep (UT)	1	15
18	Madhya Pradesh	341	1498651
19	Maharashtra	672	1259932
20	Manipur	2	4500
21	Meghalaya	4	8200
22	Mizoram	3	4071
23	Nagaland	5	8150
24	Orissa	182	579321
25	Pondicherry (UT)	4	185
26	Punjab	780	2642715
27	Rajasthan	192	661876
28	Sikkim	2	2100
29	Tamil Nadu	188	399690
30	Telangana	117	627131
31	Tripura	14	46354
32	Uttar Pradesh	2489	15101408
33	Uttarakhand	62	206848
34	West Bengal	517	5952997
		8831	40289226

(Source: Directorate of Marketing and Inspection (DMI) upto 2009, National Horticulture Board (NHB), National Horticulture Mission (NHM), Horticulture Mission for North East & Himalayan States (HMNEH) and MoFPI)

Details of approved projects under Pradhan Mantri Kisan SAMPADA Yojana (PMKSY) with processing capacity the Country:

Components of PMKSY	Total Approved Projects	Number of Cold Storages	Cold Storage capacity (LMT)	Ripening Chambers (MT/day)	Processing Capacity (LMT/Annum)
Operation Greens	41	76	1.34	-	10.15

Cold Chain	397	617	10.56	6465	146.25
CEFPPC	503	-	-	-	115.33

Details of approved projects under Pradhan Mantri Kisan SAMPADA Yojana (PMKSY) with processing capacity in Maharashtra:

Components of PMKSY	Total Approved Projects	Number of Cold Storages	Cold Storage capacity (LMT)	Ripening Chambers (MT/day)	Processing Capacity (LMT/Ann um)
Operation Greens	6	12	0.20	-	2.11
Cold Chain	77	97	1.948	3190	51.65
CEFPPC	76	-	-	-	24.72
