

GOVERNMENT OF INDIA
MINISTRY OF FOOD PROCESSING INDUSTRIES
LOK SABHA
UNSTARRED QUESTION NO. 687
ANSWERED ON 06 FEBRUARY, 2018

WASTAGE OF AGRICULTURAL PRODUCTS

687. SHRI B.V. NAIK:

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;
- (b) whether the Government has taken any corrective steps in this regard, and if so, the details thereof; and
- (c) the funds allocated/released during the last three years and the current year to Karnataka for setting up of cold storage/cold chains under the existing schemes of food processing industries?

ANSWER

THE MINISTER OF STATE FOR FOOD PROCESSING INDUSTRIES
(SADHVI NIRANJAN JYOTI)

(a): As per a study, "Assessment of Quantitative Harvest and Post-Harvest Losses of Major Crops and Commodities in India" by Central Institute of Post-Harvest Engineering and Technology (CIPHET), Ludhiana commissioned in 2012, the estimated annual value of harvest and post-harvest losses of major agricultural produces at national level was Rs.92,651 crores. The study was based on production data of 2012-13 and wholesale prices of 2014. The crop-wise percentage of post-harvest losses as assessed by the study are at **Annexure**.

(b) & (c): The Ministry of Food Processing Industries has been implementing the Central Sector Scheme of Integrated Cold Chain and Value Addition Infrastructure with the objective of arresting post-harvest losses of horticulture & non-horticulture produce. Under the scheme, Ministry provides financial assistance in the form of grant-in-aid at 35% of the project cost for general areas and @ 50% for North East States, Himalayan States, ITDP areas and Islands for storage and transport infrastructure and @ 50% and 75% respectively for value addition and processing infrastructure subject to a maximum grant-in-aid of Rs.10 crore for setting up integrated cold chain projects including irradiation facility without any break from the farm gate to the consumer. The integrated cold chain and preservation infrastructure can be set up by individuals, groups of entrepreneurs, cooperative societies, Self Help Groups, Farmer Producer Organizations, Non-Governmental Organisations, Central/State PSUs, etc. The scheme is primarily private sector driven and proposals under this scheme are invited through Expression of Interest. The scheme is available in rural & urban areas in all States/UTs including Karnataka. Ministry has sanctioned total 9 integrated Cold Chain projects in the State of Karnataka under the Scheme of Integrated Cold Chain and Value Addition Infrastructure. No prior allocation of funds is made under the scheme. The year-wise funds released under the scheme to the projects taken up in the State of Karnataka is as under:

Amount (Rs. in Lakhs)			
2014-15	2015-16	2016-17	2017-18 (As on 31.01.2018)
738	197	0	311

Further, to boost Food Processing Industries and value addition activities which, inter alia, aims at reducing harvest and post-harvest losses, the Ministry of Food Processing Industries has re-structured its schemes under the new Central Sector Scheme of PRDHAN MANTRI KISAN SAMPADA YOJANA with an allocation of Rs. 6,000 crore for period 2016-20 co-terminus with the 14th Finance Commission cycle. In addition to the existing scheme components of Mega Food Park; Integrated Cold Chain and Value Addition Infrastructure; Food Safety and Quality Assurance Infrastructure; and Human Resources and Institutions, PRDHAN MANTRI KISAN SAMPADA YOJANA encompasses three new schemes namely; Infrastructure for Agro-Processing Clusters, Creation of Forward and Backward Linkages and Creation/Expansion of Food Processing & Preservation Capacities with the objective to create robust modern infrastructure along the entire value chain in food processing. The farmers, Farmer Producer Organizations, entrepreneurs, cooperatives, societies, Self Help Groups, Private Companies and State PSUs etc. are eligible to avail financial assistance under these schemes for setting up food processing projects in the country.

ANNEXURE**STATEMENT REFERRED TO IN REPLY TO PART (a) OF LOK SABHA UNSTARRED QUESTION NO. 687 ANSWERED ON 06.02.2018 REGARDING WASTAGE OF AGRICULTURAL PRODUCTS****Estimate of the Monetary Value of Harvest and Post-harvest losses in India for Production Year 2012-13 and at Wholesale Prices of 2014**

Sl. No.	Crops/Commodity	Production (million tonnes)	Price (Rs./tonne)	Over all total loss (%)	Monetary Value of the losses (Rs. Crore)	Sectorial total loss (Rs. Crores)
Cereals						
1	Paddy	104.40	17918	5.53	10344	20698
2	Wheat	92.46	17309	4.93	7882	
3	Maize	22.23	12662	4.65	1309	
4	Bajra	8.74	12666	5.23	579	
5	Sorghum	5.28	18456	5.99	584	
Pulses						
6	Pigeon pea	3.07	49028	6.36	958	3877
7	Chick pea	8.88	32838	8.41	2453	
8	Black gram	0.83	48159	7.07	282	
9	Green gram	0.46	60912	6.60	184	
Oilseed						
10	Mustard	7.82	34820	5.54	1508	8278
11	Cotton seed	3.49	32275	3.08	347	
12	Soybean	14.68	36984	9.96	5405	
13	Safflower	0.10	26260	3.24	8	
14	Sunflower	0.58	32576	5.26	99	
15	Groundnut	4.75	31769	6.03	911	
Fruits						
16	Apple	1.90	68078	10.39	1341	16644
17	Banana	27.06	18601	7.76	3903	
18	Citrus	11.47	14011	9.69	1557	
19	Grapes	2.52	44564	8.63	969	
20	Guava	2.62	20628	15.88	858	
21	Mango	17.29	45355	9.16	7186	
22	Papaya	5.19	16023	6.70	557	
Vegetables						
23	Sapota	1.50	18770	9.73	273	14842
24	Cabbage	8.53	10928	9.37	874	
25	Cauliflower	7.79	16321	9.56	1214	
26	Green pea	3.87	33698	7.45	971	
27	Mushroom	0.04	119049	9.51	46	
28	Onion	16.66	16920	8.20	2312	
29	Potato	41.09	16649	7.32	5008	
30	Tomato	17.85	16510	12.44	3666	
Plantation Crops and Spices						

31	Tapioca	7.32	22436	4.58	751	9325
32	Arecanut	0.53	182865	4.91	475	
33	Black pepper	0.05	570547	1.18	35	
34	Cashew	0.75	76026	4.17	239	
35	Chilli	1.31	64411	6.51	547	
36	Coconut	15.09	28587	4.77	2058	
37	Coriander	0.53	80506	5.87	249	
38	Sugarcane	338.96	2100	7.89	5614	
39	Turmeric	0.98	24845	4.44	108	
Livestock Produce						
40	Egg	69.70	2634	7.19	1320	18987
41	Inland fish	5.74	125306	5.23	3766	
42	Marine fish	3.28	125306	10.52	4315	
43	Meat	1.30	350000	2.71	1235	
44	Poultry meat	3.90	150000	6.74	3942	
45	Milk	132.40	36000	0.92	4409	
Grand Total						92651