

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

LOK SABHA
UNSTARRED QUESTION NO.413
TO BE ANSWERED ON THE 18TH JULY, 2017

POST HARVEST INFRASTRUCTURE

413. SHRI DILIP PATEL:
SHRI K.N. RAMACHANDRAN:
SHRI A. ARUNMOZHITHEVAN:
SHRI KIRTI AZAD:

Will the Minister of AGRICULTURE AND FARMERS WELFARE ऋदुशुआओँ एवं किसान कल्याण ½âããè be pleased to state:

- (a) whether it is a fact that fruits and vegetables are getting wasted every year due to non-availability of sufficient post-harvest infrastructure;
- (b) if so, the details thereof along with the total quantum of fruits and vegetables produced during the last three years in the country, State-wise;
- (c) whether the Government has any proposal or programmes to improve/strengthen post-harvest infrastructure like cold storages, transportation, etc. in various States of the country including Gujarat, if so, the details thereof, State-wise; and
- (d) the quantum of funds allocated/sanctioned by the Government to various States for this purpose during the current year, details thereof, State-wise?

ANSWER

MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE AND FARMERS WELFARE

ऋदुशुआओँ एवं किसान कल्याण ½âããè ½ãñâ Àã¾ã ½âããè (SHRI PARSHOTTAM RUPALA)

(a) & (b): A study was commissioned by Ministry of Food Processing Industries and carried out by Central Institute of Post Harvest Engineering & Technology (CIPHET), Indian Council of Agricultural Research (ICAR), published in 2015. The study estimated that quantum of quantitative harvest and post harvest losses of fruits and vegetables were in the range of 6.70% to 15.88% (fruits) and 4.58% to 12.44% (vegetables) due to various reasons such as harvesting, cleaning, sorting/grading, packaging, transportation, storage channels, weight loss in storage etc.

The State wise total quantum of fruits and vegetables produced during the last three year in the country is at **Annexure – I**.

(c) & (d): In order to create post harvest infrastructure including cold storages and reefer transport in various States of the country including Gujarat, Government is implementing Mission for Integrated Development of Horticulture (MIDH) comprising of programmes of National Horticulture Mission (NHM), Horticulture Mission for North East and Himalayan States (HMNEH) and National Horticulture Board (NHB).

Under MIDH credit linked back ended subsidy @ 35% of the project cost in general areas and 50% in case of hilly and schedule areas is available for creation post harvest management infrastructure like cold storage/cold chain infrastructure. The component is demand/ entrepreneur driven from entrepreneurs, private companies, cooperatives, farmers groups etc through commercial ventures for which Government assistance is credit linked and back ended. Further, Ministry of Food Processing Industries and Agricultural Processed Food Products Export Development Authority (APEDA) under Ministry of Commerce is also implementing programmes for creation of post harvest infrastructure.

The quantum of funds allocated during current year under NHM and HMNEH to various States for development of horticulture including creation of post harvest infrastructure is at **Annexure – II**.

States have been advised to allocate minimum 35% of their budget for creation of post harvest infrastructure under their AAP. The State wise allocations under the programmes of NHB are not made as these are demand driven and project based.

Annexure – I

State wise Production of fruits and Vegetables during last three year

STATES/UTs	2013-14		2014-15		2015-16		2016-17(Provisional)	
	fruits	vegetables	fruits	vegetables	fruits	vegetables	fruits	vegetables
ANDHRA PRADESH	10510.56	8149.76	9121.62	4592.58	10088.82	5442.77	12098.6 0	5355.64
ARUNACHAL PRADESH	321.26	35.00	331.40	41.00	306.27	33.01	311.53	33.34
ASSAM	2007.80	3031.90	2030.14	4469.73	2077.77	3821.71	2391.19	3874.50
BIHAR	4013.58	15097.77	3990.00	14467.15	4230.63	14400.12	4272.94	14225.04
CHHATTISGARH	1930.18	5465.92	2071.14	5812.32	2294.73	6318.41	2393.51	6700.96
GUJARAT	8001.96	11571.24	8300.60	11861.23	8477.17	13401.39	8482.80	13401.39
HARYANA	554.90	5565.90	703.68	5305.59	737.82	6129.36	900.00	6960.00
HIMACHAL PRADESH	866.34	1635.88	751.94	1585.37	928.83	1715.16	639.01	1743.31
JAMMU & KASHMIR	2073.94	1395.47	1779.44	1395.47	2115.72	1386.37	2116.06	1386.37
JHARKHAND	890.04	4238.13	898.08	4279.28	961.19	3373.82	1026.31	3714.25
KARNATAKA	6652.42	7500.69	6799.89	8828.37	7023.69	7804.57	7425.11	8207.18
KERALA	2889.50	3572.67	2554.12	1645.06	2532.94	2088.66	2467.92	1907.72
MADHYA PRADESH	5696.00	13019.31	6119.00	14199.00	5783.06	15568.26	5937.04	16664.66
MAHARASHTRA	13457.92	10161.83	11089.53	8783.01	9749.80	9452.07	10378.4 3	10360.76
MANIPUR	515.69	271.04	521.57	268.01	467.76	316.51	454.08	331.97
MEGHALAYA	348.00	515.34	377.25	534.00	395.40	494.88	447.27	541.89
MIZORAM	343.90	254.14	350.91	273.76	330.28	179.02	339.05	168.18
NAGALAND	411.00	492.37	411.00	492.37	374.13	494.61	393.53	534.24
ODISHA	2148.27	9433.66	2156.49	9413.54	2386.94	8755.51	2430.10	8760.09
PUNJAB	1541.24	3936.19	1644.64	4167.65	1790.94	4301.63	1856.92	4640.52
RAJASTHAN	581.78	1114.07	735.60	1433.23	681.57	1986.73	718.48	1928.60
SIKKIM	24.05	134.53	0.03	130.06	23.48	106.94	26.86	128.32
TAMILNADU	7369.86	8678.82	5963.93	7521.02	6635.10	6976.15	6079.95	6304.84
TELANGANA	4440.98	3647.28	5287.70	3005.33	4319.87	3195.44	3536.74	2992.40
TRIPURA	786.35	780.52	819.12	811.09	854.05	793.24	845.51	785.31
UTTAR PRADESH	6887.45	18544.96	7558.99	26120.18	10296.14	26251.00	10353.4 9	26407.34
UTTARAKHAND	678.49	1016.83	785.97	1109.65	659.10	945.36	664.92	945.60
WEST BENGAL	2909.71	23044.95	3313.70	26354.61	3516.71	22825.45	3708.45	25500.61
OTHERS	123.98	590.75	134.23	578.57	143.16	505.81	150.21	502.83
TOTAL	88977.15	162896.92	86601.71	169478.23	90183.04	169063.93	92845.9 8	175007.87

State wise allocation and release of funds during 2017 - 18**National Horticulture Mission (NHM)**

Sl. No.	State/Implementing Agency	Allocation (GOI Share)	Releases as on 13.07.2017
1	Andhra Pradesh	6403.00	3000.00
2	Bihar	2631.00	
3	Chhattisgarh	6923.00	3400.00
4	Goa	252.00	105.46
5	Gujarat	7139.00	3000.00
6	Haryana	6184.00	3000.00
7	Jharkhand	4018.00	1000.00
8	Karnataka	7297.00	3400.00
9	Kerala	4642.00	1400.00
10	Madhya Pradesh	4535.00	1000.00
11	Maharashtra	8897.00	2500.00
12	Orissa	4991.00	2000.00
13	Punjab	3986.00	1500.00
14	Rajasthan	5089.00	1000.00
15	Tamil Nadu	5503.00	2000.00
16	Telangana	3290.00	
17	Uttar Pradesh	3727.00	1200.00
18	West Bengal	2491.00	1000.00
19	Dadra & Nagar Haveli	50.00	
20	Delhi	50.00	
21	Lakshadweep	80.00	
22	A & Nicobar Islands	200.00	
23	Puducherry	100.00	
	Sub Total	88478.00	30505.46

Horticulture Mission for North East and Himalayan States (HMNEH)

1	Arunachal Pradesh	3230.00	
2	Sikkim	3050.00	1200.00
3	Manipur	3200.00	600.00
4	Uttarakhand	3100.00	1400.00
5	Tripura	3300.00	
6	Jammu & Kashmir	4600.00	9650.00
7	Nagaland	3150.00	1500.00
8	Mizoram	3150.00	1575.00
9	Assam	2800.00	500.00
10	Meghalaya	2550.00	1000.00
11	Himachal Pradesh	3200.00	1000.00
	Total	35330.00	18425.00
