

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

LOK SABHA
STARRED QUESTION NO.75
TO BE ANSWERED ON 25TH JULY, 2023

GAP BETWEEN DEMAND AND SUPPLY OF FOOD ITEMS

*75. SHRI KOTHA PRABHAKAR REDDY

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

- (a) whether the Government is aware of the increasing gap between the demand and supply of various food crops/related items including methi, palak, onion, tomato, brinjal, cauliflower, cabbage, potato, mirchi, beetroot, etc., in the country, State wise;
- (b) if so, the details thereof during each of the last five years and the current year, crop-wise including crop sowed/crop production;
- (c) whether the Government has done any survey including the appointment of task forces/high level committees to study the demand of various consumables including food/crop items which are required for the production in each State to meet the demand of such food items and if so, the details thereof, State-wise; and
- (d) the steps being taken by the Government to create awareness among the farmers to increase the cultivation of such food/consumable items?

ANSWER

THE MINISTER OF AGRICULTURE AND FARMERS WELFARE

कृषि और किसान कल्याण मंत्री

(SHRI NARENDRA SINGH TOMAR)

(a) to (d): A statement is laid on the Table of the House

STATEMENT IN RESPECT OF PARTS (a) TO (d) OF THE LOK SABHA STARRED QUESTION NO. 75 DUE FOR ANSWER ON 25.07.2023 REGARDING GAP BETWEEN DEMAND AND SUPPLY OF FOOD ITEMS.

(a) & (b): India is the second largest producer of fruits and vegetables in the World. Country's total horticulture production in 2022-23 is estimated to be ever highest at 350.87 Million tonne, which is 12.8% higher than the total horticulture production in the year 2018-19. India's total vegetable production also has increased by 16% from 183.2 million MT in 2018-19 to 212.5 Million MT in 2022-23 (1st Advance estimates). The State-wise details of area and production of Vegetable crops such as Onion, Tomato, Potato, Brinjal, Cauliflower, Cabbage, Green Chilli are given at **Annuxure-1**.

In vegetable crops, including onion, tomato, brinjal, cauliflower, cabbage, potato, Green Chilli, etc., India is a net exporter to the World. Details are in **Annexure-2**.

The country does not have a supply deficit in case of vegetable crops. The occasional price fluctuations are mainly due to supply disruptions caused by unseasonal rains, heatwave, etc.

(c): National Institution for Transforming India (NITI) Aayog, Government of India, in the year 2016, constituted a Working Group on *Crop Husbandry, Agricultural Inputs, Demand and Supply Projections*. The Terms of Reference (TOR) of the Working Group, among other things, included examination of the changing preference and consumption habit of consumers for food and related items, estimation of the requirement of food items (both for export and domestic use) and the supply projection for the terminal years 2019-20, 2023-24 and 2032-33.

The balance sheet prepared by the Working Group projected surplus availability in case of rice and wheat, sufficient supply to meet the domestic demand in case of coarse grains and a fine balance between demand and supply in case of fruits and vegetables.

(d): Various steps taken by the Government to create awareness among farmers to increase the cultivation of different food items, especially horticulture crops, are given under:

- **Mission for Integrated Development of Horticulture (MIDH):** Government implements Mission for Integrated Development of Horticulture (MIDH), a Centrally Sponsored Scheme, w.e.f. 2014-15 for the holistic growth of the horticulture sector covering fruits, vegetables, root and tuber crops, mushrooms, spices, flowers, aromatic plants, coconut, cashew, cocoa. MIDH support growth of horticulture sector through area based regionally differentiated strategies, which include research, technology promotion, extension, post-harvest management, processing and marketing in consonance with comparative advantage of each State/region and its diverse agri-climatic features.
- **Post-Harvest Management:** Under MIDH, assistance is available for development of Post-Harvest Management (PHM) infrastructure for perishable horticultural produce which includes establishment of pack house, Integrated pack house, pre-cooling, staging cold room, cold storages, controlled atmosphere (CA) storage, reefer transport, ripening chambers and Integrated cold chain supply system etc. An entrepreneur can avail assistance for individual component or combination of different components for which assistance @ 35% of eligible project cost in general areas and @ 50% in hilly and scheduled area is available as credit linked and back ended subsidy. Currently, there are 8639 cold storages in the country with the capacity of 393.61 lakh MT as on date.
- **Cluster Development Programme for Horticulture:** Government of India, has launched Horticulture Cluster Development programme to enhance the global competitiveness of the Indian horticulture sector. The Cluster Development Programme is designed to leverage the geographical specialisation of horticulture clusters and promote integrated and market-led development of pre-production, production, post-harvest, logistics, branding, and marketing activities. MoA&FW has identified 55 horticulture clusters, of which 12 have been selected on the pilot basis.
- **Price Support/Market Intervention Schemes:** Government provides assistance to farmers under the Market Intervention Scheme to protect their interest in case of excess production/ decline in prices of perishable food crops like vegetables and fruits and thereby ensuring their continuous cultivation to meet domestic demand.

- **Operation Greens Scheme:** Government implements Operation Greens Scheme with the long-term objectives of
 - Enhancing value realisation of farmers by targeted interventions to strengthen production clusters and FPOs, and linking/ connecting the farmers with the market.
 - Reduction in post-harvest losses by creation of farm gate infrastructure, development of suitable agri-logistics, creation of appropriate storage capacity linking consumption centres.
 - Increase in food processing capacities and value addition in value chain by creating firm linkages with identified production clusters.

The Scheme also have the short-term objective to protect the growers of Eligible Crops from making distress sale and to reduce post-harvest losses

- **Agriculture Extension Activities:** Government, through its various extension schemes, programmes and activities helps farmers to get information regarding scientific research and new knowledge in agricultural practices with an objective to achieve enhanced productivity, profitability and sustainability of agriculture and affordable food for people. Government has established Krishi Vigyan Kendras (KVKs) as Knowledge and Resource Centre of agricultural technology supporting initiatives of public, private and voluntary sector for improving the agricultural economy of the district by linking the National Agricultural Research System (NARS) with extension system and farmers. So far 731 KVKs have been established in the Country. During the last five years from 2018-19 to 2022-23, a total number of 82.52 lakh farmers and 6.91 lakh extension workers have been trained by KVKs. To enhance the outreach of activities, events and achievements under various schemes/missions and sub-missions of Department of Agriculture & Farmers Welfare (DA&FW), Extension Division is implementing various communication strategies using electronic, print & social media as under:
 - **Electronic media:** Doordarshan, DD Kisan and All India Radio telecast & broadcast the sponsored agriculture and allied sector programmes

- **Print Media:** Publicity & awareness is also carried out by Outdoor publicity through Banners/Hoardings/Digital panels as well as through print advertisements in leading newspapers across the country.
- **Social Media:** In view of growth in spread of mobiles and internet usage even in the rural areas, social media platforms viz Facebook, Twitter, Instagram, Youtube, Koo, Public app etc are also utilized for the publicity of various schemes/missions.
- **Krishi Melas:** To highlight the achievements of agriculture, dissemination of information and latest technologies among farmers and stakeholders, various Krishi Melas are organized, which brings all stakeholders at one platform and create market for agro-products at International/National level.
- **Agriculture Infrastructure Fund (AIF):** Government has set up an Agriculture Infrastructure Fund (AIF) with an objective to mobilize a medium - long term debt financing facility for investment in viable projects for post-harvest management Infrastructure and community farming assets through incentives and financial support in order to improve agriculture infrastructure in the country. Following supports are being provided under Agri Infra Fund. So far, AIF portal has received 70374 applications seeking subsidized loan worth Rs 38673 crore under the Agriculture Infrastructure Fund (AIF) scheme. Out of this, a total of 32555 projects have been sanctioned under the scheme worth loan of Rs. 25358 crore.
- **Centre of Excellence (CoE)** for Horticulture is an approved component under Mission for Integrated Development of Horticulture (MIDH), which can be established for different horticulture crops. The CoE serves as demonstration and training centre for latest technologies in horticulture development. The centre also serves as source of planting material for fruits and vegetable seedlings for protected cultivation. There are 49 crop specific CoEs in 21 States under Indo-Israel Cooperation, Indo-Dutch Cooperation and Research Institutes for quality planting material production, technology demonstration & adoption. These CoEs serve as demonstration and training centre for latest technologies in horticulture development. The Centre also serves as source of planting material for fruits and vegetable seedlings for protected cultivation.

ANNEXURE-1

ANNEXURE TO PART (a) and (b) OF LOK SABHA STARRED QUESTION NO. 75 DUE FOR ANSWER ON 25.07.2023 REGARDING GAP BETWEEN DEMAND AND SUPPLY OF FOOD ITEMS

State-wise Area and Production of Onion from 2018-19 to 2022-23 (1st Advance Estimates)Area in '000 Ha
Production in '000 MT

Sl. No.	STATES/UTs	2018-19		2019-20		2020-21		2021-22		2022-23 (First Adv.Est.)	
		A	P	A	P	A	P	A	P	A	P
1	Andhra Pradesh	44.58	980.66	43.00	981.00	40.88	636.49	44.57	722.85	44.58	956.09
2	Assam	8.21	84.84	8.16	88.89	8.29	91.93	8.32	92.32	8.32	92.32
3	Bihar	56.50	1311.45	58.00	1313.00	58.34	1328.30	58.00	1375.00	58.00	1375.00
4	Chhattisgarh	26.10	431.68	25.33	402.70	23.43	380.72	23.50	388.02	23.60	388.44
5	Gujarat	44.33	1111.09	58.00	1422.00	67.74	1657.96	99.56	2554.70	80.50	2050.50
6	Haryana	32.01	780.15	24.00	610.00	21.15	602.35	24.12	514.00	26.34	602.11
7	Himachal Pradesh	2.84	56.60	3.06	65.11	3.41	74.83	3.41	74.83	3.41	74.83
8	Jammu & Kashmir	4.32	77.84	4.32	77.84	4.32	77.84	5.85	163.56	5.85	163.56
9	Jharkhand	17.99	289.66	19.77	293.27	17.59	295.57	15.60	277.96	18.61	295.43
10	Karnataka	166.00	2558.00	160.00	2275.00	230.40	2660.68	231.84	2779.50	231.84	2779.50
11	Kerala	0.01	0.05	0.01	0.10	0.01	0.07	0.01	0.14	0.01	0.04
12	Madhya Pradesh	145.00	3672.00	173.89	4270.70	186.92	4548.56	196.67	4740.60	209.84	5156.45
13	Maharashtra	450.00	8047.00	618.00	10683.00	703.80	10476.46	945.57	13668.71	805.68	12646.10
14	Manipur	0.52	5.68	0.58	5.59	0.54	5.19	0.54	5.20	0.54	5.20
15	Meghalaya	0.56	5.00	0.56	5.04	0.57	5.09	0.57	5.12	0.57	5.15

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State-wise Area and Production of Onion from 2018-19 to 2022-23 (1st Advance Estimates)Area in '000 Ha
Production in '000 MT

Sl. No.	STATES/UTs	2018-19		2019-20		2020-21		2021-22		2022-23 (First Adv.Est.)	
		A	P	A	P	A	P	A	P	A	P
16	Mizoram	0.27	25.02	0.27	1.80	0.27	1.80	0.27	1.80	0.27	1.80
17	Nagaland	0.62	5.98	0.61	5.72	0.60	5.61	0.60	5.56	0.60	5.76
18	Odisha	33.09	373.22	27.47	291.55	29.98	350.17	31.77	368.91	31.79	368.94
19	Punjab	9.61	219.79	10.34	236.49	10.35	246.52	10.37	245.17	10.37	245.17
20	Rajasthan	63.10	997.26	75.00	1242.00	82.30	1386.67	91.85	1447.88	94.65	1615.20
21	Sikkim	0.63	35.35	0.63	35.35	0.27	1.67	0.27	1.68	0.27	1.68
22	Tamil Nadu	32.00	301.00	40.00	435.00	51.39	390.16	56.72	608.08	46.38	553.86
23	Telangana	13.67	309.29	9.50	163.20	7.09	134.48	9.30	176.57	7.58	151.22
24	Tripura	0.15	0.97	0.16	1.05	0.17	1.11	0.19	1.24	0.19	1.24
25	Uttar Pradesh	26.90	440.38	28.00	454.00	28.55	470.84	29.97	508.85	30.27	510.88
26	Uttarakhand	4.37	44.60	4.46	45.47	4.49	45.74	4.49	45.74	4.49	45.74
27	West Bengal	35.20	638.38	37.39	669.80	40.61	747.60	46.29	896.14	46.29	896.14
28	Others	0.95	16.48	0.87	16.71	0.88	16.62	0.89	17.07	0.89	17.07
	Total	1219.52	22819.43	1431.37	26091.37	1624.29	26641.00	1941.12	31687.19	1791.73	31005.41

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State-wise Area and Production of Tomato from 2018-19 to 2022-23 (1st Advance Estimates)Area in '000 Ha
Production in '000 MT

Sl. No.	STATES/UTs	2018-19		2019-20		2020-21		2021-22		2022-23 (First Adv.Est.)	
		A	P	A	P	A	P	A	P	A	P
1	Andhra Pradesh	69.54	2503.49	61.00	2810.00	58.40	2450.67	57.27	2303.79	62.60	2337.66
2	Arunachal Pradesh	0.25	2.15	0.25	2.15	0.25	2.15	0.25	2.15	0.25	2.15
3	Assam	18.33	417.86	18.51	423.90	18.70	428.49	18.79	430.83	18.79	430.83
4	Bihar	51.44	964.48	52.00	964.00	62.70	1161.79	53.00	1007.00	53.00	1120.00
5	Chhattisgarh	62.85	1097.55	64.61	1199.04	61.17	1138.82	66.47	1232.45	62.91	989.58
6	Gujarat	47.58	1366.57	50.00	1427.00	53.78	1585.86	67.75	1961.54	54.00	1493.01
7	Haryana	30.17	650.63	23.99	500.74	21.32	440.20	18.91	397.00	23.03	506.66
8	Himachal Pradesh	11.75	502.42	13.19	529.54	13.80	577.01	14.00	577.00	15.84	613.00
9	Jammu & Kashmir	3.29	79.95	3.29	79.95	3.29	79.95	3.85	102.00	3.85	102.00
10	Jharkhand	20.52	271.04	21.25	277.19	22.28	276.05	22.74	294.31	23.33	300.50
11	Karnataka	62.01	2030.04	67.00	2103.00	67.00	2077.00	70.10	2104.68	79.09	2591.32
12	Kerala	0.40	7.90	0.46	7.70	0.44	7.22	0.35	2.52	0.32	2.17
13	Madhya Pradesh	85.41	2516.08	93.90	2737.00	103.77	3001.21	102.37	2760.16	121.00	2761.86
14	Maharashtra	34.52	860.75	42.90	1040.12	56.64	1189.83	63.47	1243.22	62.83	1228.14
15	Manipur	3.22	35.21	2.44	27.90	3.41	35.27	3.33	36.94	3.33	36.94
16	Meghalaya	2.18	34.91	2.19	35.02	2.19	35.12	2.20	35.21	2.20	35.32
17	Mizoram	1.69	18.60	2.56	21.33	2.75	26.89	2.80	27.13	2.80	27.13
18	Nagaland	2.74	19.70	2.58	19.45	2.60	19.70	2.60	19.82	2.69	21.40
19	Odisha	90.47	1304.18	82.71	1206.00	93.94	1432.05	75.10	1145.02	93.98	1433.62

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State-wise Area and Production of Tomato from 2018-19 to 20122-23 (1st Advance Estimates)Area in '000 Ha
Production in '000 MT

Sl. No.	STATES/UTs	2018-19		2019-20		2020-21		2021-22		2022-23 (First Adv.Est.)	
		A	P	A	P	A	P	A	P	A	P
20	Punjab	9.26	231.45	10.27	256.88	10.28	266.91	10.39	269.91	10.39	269.91
21	Rajasthan	18.03	90.32	18.54	102.59	20.50	232.86	20.14	238.39	20.32	265.50
22	Sikkim	0.99	8.11	0.99	8.11	0.44	4.60	0.44	4.61	0.49	5.14
23	Tamil Nadu	27.06	814.43	53.00	1592.00	44.92	1452.67	54.04	1623.17	33.86	1199.35
24	Telangana	36.30	891.69	38.00	878.00	25.90	888.61	17.39	516.05	17.24	463.65
25	Tripura	1.85	57.30	1.85	57.63	1.85	57.85	2.09	66.68	2.61	80.94
26	Uttar Pradesh	21.30	844.01	22.00	852.00	22.60	902.38	22.79	909.35	23.01	920.14
27	Uttarakhand	9.29	104.45	9.33	107.03	9.42	110.68	9.42	110.68	9.51	110.78
28	West Bengal	57.58	1268.13	58.00	1271.00	59.24	1284.42	59.72	1258.77	59.72	1258.77
29	Others	1.00	13.84	0.97	13.85	1.03	14.28	0.99	13.92	0.99	13.98
	Total	781.01	19007.24	817.78	20550.11	844.60	21180.51	842.75	20694.30	863.98	20621.43

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ANNEXURE TO PART (a) and (b) OF LOK SABHA STARRED QUESTION NO. 75 DUE FOR ANSWER ON 25.07.2023 REGARDING GAP BETWEEN DEMAND AND SUPPLY OF FOOD ITEMS

State-wise Area and Production of Potato from 2018-19 to 20122-23 (1st Advance Estimates)Area in '000 Ha
Production in '000 MT

Sl. No.	STATES/UTs	2018-19		2019-20		2020-21		2021-22		2022-23 (First Adv.Est.)	
		A	P	A	P	A	P	A	P	A	P
1	Andhra Pradesh	3.59	64.58	2.77	49.86	2.29	41.27	0.44	17.52	0.44	17.52
2	Arunachal Pradesh	0.02	0.44	0.02	0.44	0.02	0.44	0.02	0.44	0.02	0.44
3	Assam	103.21	773.48	104.75	756.22	103.04	757.63	103.44	761.84	103.44	761.84
4	Bihar	321.88	8153.91	258.00	7710.00	327.58	9041.91	330.00	9125.84	330.00	9125.84
5	Chhattisgarh	49.94	797.42	43.54	586.53	41.40	591.25	42.58	653.80	42.75	655.64
6	Gujarat	124.65	3706.00	118.00	3616.50	125.47	3890.00	127.80	3700.00	131.43	3700.00
7	Haryana	34.74	897.85	25.00	626.00	30.75	807.37	29.54	782.47	29.54	785.47
8	Himachal Pradesh	14.41	186.80	15.00	196.30	15.00	196.30	15.00	196.30	15.00	196.30
9	Jammu & Kashmir	8.03	197.87	8.03	197.87	8.03	197.87	8.81	165.96	8.81	165.96
10	Jharkhand	49.03	695.46	48.88	705.63	49.13	767.19	48.81	689.76	49.56	753.95
11	Karnataka	28.00	345.00	22.00	272.00	28.33	450.47	28.09	399.60	29.50	419.58
12	Kerala	0.54	7.38	0.49	6.57	0.45	6.04	0.43	5.78	0.44	5.70
13	Madhya Pradesh	145.00	3315.00	151.00	3457.30	156.39	3566.94	158.43	3587.90	169.72	3587.90
14	Maharashtra	19.00	492.00	23.00	455.00	22.03	491.94	19.42	407.46	18.74	388.92
15	Manipur	0.05	0.91	0.05	0.95	0.89	13.78	1.59	11.25	1.59	11.25
16	Meghalaya	18.93	187.21	18.94	187.35	18.94	187.30	18.93	187.22	19.54	196.13
17	Mizoram	0.09	0.93	0.09	0.94	0.10	0.95	0.10	0.95	0.10	0.95
18	Nagaland	4.35	55.72	4.35	55.64	4.35	55.59	4.36	55.65	4.44	56.00

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State-wise Area and Production of Potato from 2018-19 to 20122-23 (1st Advance Estimates)Area in '000 Ha
Production in '000 MT

Sl. No.	STATES/UTs	2018-19		2019-20		2020-21		2021-22		2022-23 (First Adv.Est.)	
		A	P	A	P	A	P	A	P	A	P
19	Odisha	24.69	290.14	21.33	261.39	24.91	296.85	27.16	325.35	26.59	317.04
20	Punjab	103.07	2724.44	106.00	2870.00	107.09	2948.55	110.00	3050.00	114.00	3050.00
21	Rajasthan	12.87	246.42	13.00	235.24	13.59	256.00	10.06	197.86	10.10	201.93
22	Sikkim	19.33	90.81	19.33	90.81	6.16	44.60	6.16	44.61	6.16	44.62
23	Tamil Nadu	3.93	75.08	6.00	110.00	3.79	73.01	4.62	123.06	4.62	123.06
24	Telangana	2.01	37.70	1.11	24.66	1.99	47.17	1.63	38.99	0.87	18.43
25	Tripura	8.01	144.94	8.05	145.87	8.13	147.31	7.33	132.76	7.31	132.29
26	Uttar Pradesh	610.50	15323.55	570.00	13000.00	620.44	15811.31	646.00	18727.00	694.10	20126.00
27	Uttarakhand	26.45	363.80	27.00	366.00	26.87	367.31	26.87	367.31	26.87	367.31
28	West Bengal	436.04	11000.00	435.00	12563.00	455.21	15099.07	447.45	12403.13	500.00	14508.56
29	Others	0.66	14.72	0.62	13.87	0.69	17.14	0.68	15.94	0.68	15.94
	TOTAL	2172.99	50189.52	2051.35	48561.93	2203.03	56172.54	2225.75	56175.75	2346.35	59734.57

ANNEXURE-1

ANNEXURE TO PART (a) and (b) OF LOK SABHA STARRED QUESTION NO. 75 DUE FOR ANSWER ON 25.07.2023 REGARDING GAP BETWEEN DEMAND AND SUPPLY OF FOOD ITEMS

State-wise Area and Production of Brinjal from 2018-19 to 20122-23 (1st Advance Estimates)Area in '000 Ha
Production in '000 MT

Sl. No.	STATES/UTs	2018-19		2019-20		2020-21		2021-22		2022-23 (First Adv.Est.)	
		A	P	A	P	A	P	A	P	A	P
1	Andhra Pradesh	13.71	356.38	15.51	403.13	15.93	414.15	4.38	139.99	4.38	139.99
2	Arunachal Pradesh	0.33	1.79	0.33	1.79	0.33	1.79	0.33	1.79	0.33	1.79
3	Assam	17.86	307.67	18.03	316.57	18.21	321.37	18.31	324.97	18.31	324.97
4	Bihar	59.94	1289.08	61.88	1320.49	57.86	1203.77	57.86	1203.77	57.86	1203.77
5	Chhattisgarh	39.56	732.08	40.72	741.09	37.72	698.25	38.60	722.96	38.71	724.83
6	Gujarat	70.46	1411.87	71.37	1290.38	77.55	1533.67	79.14	1572.10	79.14	1572.10
7	Haryana	16.99	333.95	14.70	278.76	10.28	190.90	8.63	146.15	94.93	2.15
8	Himachal Pradesh	1.06	21.62	1.11	22.23	1.01	20.92	1.01	20.92	1.01	20.92
9	Jammu & Kashmir	1.67	34.40	1.67	34.40	1.67	34.40	2.55	54.55	2.55	54.55
10	Jharkhand	80.35	256.72	80.78	268.89	80.70	270.19	13.39	182.80	15.96	186.37
11	Karnataka	14.32	352.40	9.60	245.17	11.29	300.52	10.93	273.11	11.36	284.03
12	Kerala	1.13	12.01	1.27	13.00	1.56	16.35	1.33	56.58	1.23	52.45
13	Madhya Pradesh	51.79	1084.82	56.70	1189.81	61.32	1296.08	65.14	1379.41	65.14	1379.41
14	Maharashtra	20.20	329.76	19.63	336.92	20.85	361.79	19.05	319.72	19.09	320.57
15	Manipur	0.03	0.76	0.72	1.07	0.13	1.64	0.09	1.46	0.09	1.46

ANNEXURE-1

ANNEXURE TO PART (a) and (b) OF LOK SABHA STARRED QUESTION NO. 75 DUE FOR ANSWER ON 25.07.2023 REGARDING GAP BETWEEN DEMAND AND SUPPLY OF FOOD ITEMS

State-wise Area and Production of Brinjal from 2018-19 to 2022-23 (1st Advance Estimates)Area in '000 Ha
Production in '000 MT

Sl. No.	STATES/UTs	2018-19		2019-20		2020-21		2021-22		2022-23 (First Adv.Est.)	
		A	P	A	P	A	P	A	P	A	P
16	Meghalaya	1.08	15.09	1.09	15.17	1.09	15.30	1.10	15.41	1.11	15.54
17	Mizoram	2.39	19.33	2.39	19.33	2.39	19.42	2.39	19.42	2.39	19.42
18	Nagaland	0.44	3.52	0.43	3.55	0.43	3.45	0.43	3.43	0.46	3.69
19	Odisha	116.53	1988.11	125.89	2080.25	126.25	2127.46	125.35	2128.10	126.40	2128.52
20	Punjab	5.19	113.64	5.42	119.66	5.47	139.79	5.82	148.75	5.82	148.75
21	Rajasthan	4.78	27.74	5.22	21.07	5.14	23.36	3.64	16.63	3.99	16.99
22	Sikkim	0.55	3.35	0.55	3.35	0.36	2.45	0.36	2.44	0.36	2.45
23	Tamil Nadu	15.81	276.71	20.38	275.96	26.87	346.05	24.02	309.65	24.02	309.65
24	Telangana	11.80	259.36	8.17	236.88	5.45	172.80	3.85	110.34	3.36	87.10
25	Tripura	3.66	78.90	3.70	79.92	3.88	83.67	4.57	98.50	3.81	82.45
26	Uttar Pradesh	8.24	289.30	8.49	299.13	8.61	303.41	8.82	312.98	9.13	324.17
27	Uttarakhand	2.65	31.77	2.73	32.22	2.75	32.12	2.75	32.12	2.75	32.12
28	West Bengal	163.36	3030.85	163.88	3012.75	162.80	2918.87	169.30	3147.22	169.30	3147.22
29	Others	1.19	16.79	1.65	19.54	1.61	19.87	1.59	19.66	1.59	19.93
	Total	727.06	12679.76	743.97	12682.47	749.50	12873.80	674.70	12764.93	764.55	12607.36

ANNEXURE-1

ANNEXURE TO PART (a) and (b) OF LOK SABHA STARRED QUESTION NO. 75 DUE FOR ANSWER ON 25.07.2023 REGARDING GAP BETWEEN DEMAND AND SUPPLY OF FOOD ITEMS

State-wise Area and Production of Cauliflower from 2018-19 to 2022-23 (1st Advance Estimates)

Area in '000 Ha

Production in '000 MT

Sl. No.	STATES/UTs	2018-19		2019-20		2020-21		2021-22		2022-23 (First Adv.Est.)	
		A	P	A	P	A	P	A	P	A	P
1	Andhra Pradesh	2.99	50.81	2.90	49.22	2.35	40.02	0.95	28.37	0.95	28.37
2	Arunachal Pradesh	0.25	1.47	0.25	1.47	0.25	1.47	0.25	1.47	0.25	1.47
3	Assam	23.01	420.58	23.24	426.72	23.36	431.23	23.56	436.45	23.56	436.45
4	Bihar	66.30	990.79	68.48	1031.58	68.73	1031.47	68.73	1031.47	68.73	1031.47
5	Chhattisgarh	23.34	476.00	25.51	502.59	23.80	475.18	24.19	482.19	24.14	484.25
6	Gujarat	25.04	554.81	22.81	470.72	33.01	713.87	34.81	770.78	34.81	770.78
7	Haryana	43.62	931.64	34.25	675.45	29.02	589.98	28.85	583.61	31.74	684.62
8	Himachal Pradesh	5.92	129.58	5.92	139.14	5.64	135.11	5.64	135.11	5.64	135.11
9	Jammu & Kashmir	3.07	93.55	3.07	93.55	3.07	93.55	3.36	88.12	3.36	88.12
10	Jharkhand	21.99	302.42	22.14	309.76	22.28	308.63	15.39	304.01	22.68	317.50
11	Karnataka	4.93	89.51	4.35	76.28	4.83	86.28	6.19	105.43	6.43	109.65
12	Kerala	0.02	0.20	0.02	0.23	0.03	0.33	0.03	0.10	0.02	0.08
13	Madhya Pradesh	48.59	1099.13	53.90	1199.65	58.21	1301.03	62.00	1379.30	62.00	1379.30
14	Maharashtra	12.33	225.34	12.41	189.63	12.49	227.51	11.23	198.83	11.27	198.93
15	Manipur	3.10	34.49	3.15	37.07	3.11	34.10	3.05	35.20	3.05	35.20
16	Meghalaya	1.26	21.17	1.26	21.17	1.26	21.24	1.27	21.30	1.27	21.33
17	Mizoram	0.13	1.09	0.13	1.09	0.13	1.09	0.13	1.09	0.13	1.09

ANNEXURE-1

ANNEXURE TO PART (a) and (b) OF LOK SABHA STARRED QUESTION NO. 75 DUE FOR ANSWER ON 25.07.2023 REGARDING GAP BETWEEN DEMAND AND SUPPLY OF FOOD ITEMS

State-wise Area and Production of Cauliflower from 2018-19 to 2022-23 (1st Advance Estimates)

Area in '000 Ha

Production in '000 MT

Sl. No.	STATES/UTs	2018-19		2019-20		2020-21		2021-22		2022-23 (First Adv.Est.)	
		A	P	A	P	A	P	A	P	A	P
18	Nagaland	0.57	3.75	0.56	3.70	0.56	3.63	0.57	3.63	0.58	3.74
19	Odisha	40.79	617.50	42.50	651.60	40.56	642.68	40.60	643.02	40.61	643.12
20	Punjab	21.16	392.92	22.93	418.67	22.98	450.60	24.63	483.18	24.63	483.18
21	Rajasthan	10.66	51.81	10.64	47.79	9.55	46.78	11.72	63.96	12.75	70.00
22	Sikkim	1.09	4.21	1.09	4.21	0.68	4.34	0.68	4.35	0.76	4.35
23	Tamil Nadu	2.17	53.73	1.58	37.15	2.14	52.59	4.23	105.91	4.23	105.91
24	Telangana	1.63	35.60	1.39	29.26	1.02	22.15	0.95	21.63	0.89	17.96
25	Tripura	2.69	66.81	2.78	68.69	2.79	69.57	2.95	73.89	3.17	80.59
26	Uttar Pradesh	17.63	403.14	18.16	416.85	18.45	423.41	18.91	436.77	19.04	440.55
27	Uttarakhand	3.16	40.87	3.37	43.29	3.38	43.41	3.39	43.42	3.39	43.42
28	West Bengal	74.55	1942.67	74.87	1949.17	75.98	1924.65	79.42	2034.46	79.42	2034.46
29	Others	2.87	47.22	2.99	45.82	2.99	48.81	3.68	49.16	3.68	49.22
	Total	464.87	9082.81	466.64	8941.50	472.64	9224.68	481.33	9566.20	493.15	9700.18

ANNEXURE-1

ANNEXURE TO PART (a) and (b) OF LOK SABHA STARRED QUESTION NO. 75 DUE FOR ANSWER ON 25.07.2023 REGARDING GAP BETWEEN DEMAND AND SUPPLY OF FOOD ITEMS

State-wise Area and Production of Cabbage from 2018-19 to 2022-23 (1st Advance Estimates)Area in '000 Ha
Production in '000 MT

Sl. No.	STATES/UTs	2018-19		2019-20		2020-21		2021-22		2022-23 (First Adv.Est.)	
		A	P	A	P	A	P	A	P	A	P
1	Andhra Pradesh	2.91	61.09	2.53	53.09	2.35	49.37	1.96	58.70	1.96	58.70
2	Arunachal Pradesh	0.44	5.64	0.44	5.64	0.44	5.64	0.44	5.64	0.44	5.64
3	Assam	33.35	698.16	33.68	728.71	34.02	739.89	34.22	744.75	34.22	744.75
4	Bihar	40.37	699.98	41.26	722.17	41.41	721.92	41.41	721.92	41.41	721.92
5	Chhattisgarh	22.51	426.33	23.87	455.39	22.17	431.19	22.40	418.74	22.54	420.02
6	Gujarat	26.96	604.58	27.54	603.30	33.50	711.28	39.17	851.70	39.17	851.70
7	Haryana	21.57	383.44	17.60	357.01	13.52	292.79	12.25	254.47	13.48	309.71
8	Himachal Pradesh	5.28	170.33	5.48	177.88	4.66	146.66	4.66	146.66	4.66	146.66
9	Jammu & Kashmir	2.51	76.53	2.51	76.53	2.51	76.53	2.84	89.11	2.84	89.11
10	Jharkhand	19.10	321.74	19.25	328.19	19.43	325.34	18.81	316.81	19.82	329.45
11	Karnataka	10.71	232.91	9.28	213.65	9.99	228.15	10.67	235.37	10.99	242.43
12	Kerala	0.17	2.67	0.15	2.66	0.17	2.96	0.23	11.69	0.22	11.57
13	Madhya Pradesh	30.84	720.90	35.36	829.00	38.58	911.53	40.94	959.71	40.94	959.71
14	Maharashtra	11.56	201.96	12.00	253.90	10.85	180.11	10.21	177.06	10.23	176.36
15	Manipur	8.63	110.28	8.73	107.97	7.11	110.89	8.30	109.35	8.30	109.35
16	Meghalaya	1.95	42.78	1.95	42.78	1.96	42.98	1.96	43.09	1.97	43.21

ANNEXURE-1

ANNEXURE TO PART (a) and (b) OF LOK SABHA STARRED QUESTION NO. 75 DUE FOR ANSWER ON 25.07.2023 REGARDING GAP BETWEEN DEMAND AND SUPPLY OF FOOD ITEMS

State-wise Area and Production of Cabbage from 2018-19 to 2022-23 (1st Advance Estimates)Area in '000 Ha
Production in '000 MT

Sl. No.	STATES/UTs	2018-19		2019-20		2020-21		2021-22		2022-23 (First Adv.Est.)	
		A	P	A	P	A	P	A	P	A	P
17	Mizoram	3.82	58.24	3.87	58.29	3.87	88.53	3.87	88.53	3.87	88.53
18	Nagaland	6.94	118.65	6.96	118.61	6.96	118.50	6.97	119.27	7.06	121.48
19	Odisha	37.73	1058.75	34.97	955.85	41.31	1130.54	41.33	1130.87	41.34	1130.88
20	Punjab	6.88	127.16	6.89	128.69	7.98	129.01	7.98	130.12	7.98	130.12
21	Rajasthan	1.17	11.04	1.19	12.75	1.01	12.49	0.64	11.47	0.70	11.98
22	Sikkim	1.30	7.25	1.30	7.25	1.18	6.92	1.18	6.93	1.39	8.18
23	Tamil Nadu	2.78	179.63	2.84	186.00	3.72	251.98	3.75	257.65	3.75	257.65
24	Telangana	2.17	50.33	1.76	47.85	0.94	31.01	0.81	24.16	0.81	20.50
25	Tripura	3.08	79.89	3.20	83.17	3.22	84.18	3.32	86.97	3.70	98.11
26	Uttar Pradesh	9.19	307.56	9.98	334.86	10.08	338.26	10.33	348.94	11.50	388.85
27	Uttarakhand	6.43	68.46	6.57	69.23	6.60	69.35	6.60	69.35	6.60	69.35
28	West Bengal	79.88	2301.20	80.26	2311.52	82.78	2321.15	86.04	2405.15	86.04	2405.15
29	Others	0.00	0.01	0.01	0.11	0.11	0.87	0.11	0.85	0.11	0.93
	TOTAL	400.22	9127.47	401.43	9272.06	412.40	9560.01	423.41	9824.99	428.05	9951.98

ANNEXURE-1

ANNEXURE TO PART (a) and (b) OF LOK SABHA STARRED QUESTION NO. 75 DUE FOR ANSWER ON 25.07.2023 REGARDING GAP BETWEEN DEMAND AND SUPPLY OF FOOD ITEMS

State-wise Area and Production of Green Chillies from 2018-19 to 20122-23 (1st Advance Estimates)

Area in '000 Ha

Production in '000 MT

Sl. No.	STATES/UTs	2018-19		2019-20		2020-21		2021-22		2022-23 (First Adv.Est.)	
		A	P	A	P	A	P	A	P	A	P
1	Andhra Pradesh	16.82	437.19	21.31	554.11	19.50	506.87	23.69	615.97	23.69	615.97
2	Arunachal Pradesh	0.20	0.34	0.20	0.34	0.20	0.34	0.20	0.34	0.20	0.34
3	Bihar	46.16	432.89	47.74	489.25	47.35	481.33	47.35	481.33	47.35	481.33
4	Chhattisgarh	29.67	226.72	28.52	227.49	32.93	227.71	33.50	236.65	33.92	239.81
5	Gujarat										
6	Haryana	15.94	122.77	14.30	141.37	11.86	124.62	11.06	114.46	12.16	133.91
7	Himachal Pradesh	1.23	13.68	1.15	13.60	1.14	13.48	1.14	13.48	1.14	13.48
8	Jammu & Kashmir	1.31	12.62	1.31	12.62	1.31	12.62	2.67	7.50	2.67	7.50
9	Jharkhand	15.04	245.08	15.32	253.26	15.83	255.13	16.14	263.83	16.15	265.38
10	Karnataka	47.75	659.88	37.64	599.20	60.63	959.01	59.49	815.61	63.96	876.89
11	Kerala	1.48	1.45	1.62	1.50	1.99	1.87	1.73	1.62	1.32	1.28
12	Madhya Pradesh	43.32	694.93	46.88	739.15	50.93	801.97	57.93	906.08	57.93	906.08
13	Maharashtra	31.86	327.02	30.48	345.97	37.59	408.77	32.58	357.18	32.60	357.28
14	Manipur	0.62	4.26	0.64	3.99	0.62	3.90	0.53	3.69	0.53	3.69
15	Nagaland	4.80	33.79	4.79	33.87	4.79	34.13	4.81	34.06	5.02	37.45
16	Punjab			8.78	16.73	8.78	17.63	7.94	15.97	7.94	15.97

ANNEXURE-1

ANNEXURE TO PART (a) and (b) OF LOK SABHA STARRED QUESTION NO. 75 DUE FOR ANSWER ON 25.07.2023 REGARDING GAP BETWEEN DEMAND AND SUPPLY OF FOOD ITEMS

State-wise Area and Production of Green Chillies from 2018-19 to 20122-23 (1st Advance Estimates)

Area in '000 Ha

Production in '000 MT

Sl. No.	STATES/UTs	2018-19		2019-20		2020-21		2021-22		2022-23 (First Adv.Est.)	
		A	P	A	P	A	P	A	P	A	P
17	Rajasthan	7.32	20.25	8.54	27.38	8.57	29.09	7.75	26.43	8.16	27.76
18	Sikkim	1.18	4.51	1.18	4.51	0.12	0.33	0.12	0.33	0.13	0.37
19	Tamil Nadu	2.17	30.24	10.79	204.44	0.77	16.79	13.80	382.67	13.80	382.67
20	Telangana	15.87	193.29	11.16	133.48	10.09	153.76	5.86	87.97	5.05	78.21
21	Tripura	2.51	19.80	2.51	19.66	2.58	20.12	3.38	41.60	2.77	33.18
22	Uttar Pradesh	29.53	71.79	30.42	74.23	30.84	75.35	31.62	77.73	31.65	80.30
23	West Bengal	61.71	229.92	62.10	221.58	62.39	217.65	63.18	214.69	63.18	214.69
24	Others	0.04	0.53	0.11	0.77	0.09	0.71	0.10	0.70	0.10	0.72
	Total	376.52	3782.94	387.48	4118.52	410.90	4363.17	426.56	4699.88	431.42	4774.25

Annexure-2

ANNEXURE TO PART (a) and (b) OF LOK SABHA STARRED QUESTION NO. 75 DUE FOR ANSWER ON 25.07.2023 REGARDING GAP BETWEEN DEMAND AND SUPPLY OF FOOD ITEMS

Production Net Export and Net Availability (Production –Net Export)of Different vegetable crops in India during 2018-19 to 2022-23
Quantity in Thousand MT

Item	2018-19			2019-20			2020-21			2021-22			2022-23		
	Production	Net Export	Net Availability	Production	Net Export	Net Availability	Production	Net Export	Net Availability	Production	Net Export	Net Availability	Production	Net Export	Net Availability
Onion	22819	2413	20406	26091	1009	25083	26641	1513	25128	31687	1510	30177	31005	2525	28480
Tomato	19007	105	18903	20550	94	20456	21181	89	21092	20694	94	20600	20621	78	20543
Potato	50190	374	49815	48562	427	48135	56173	330	55843	56176	523	55653	59735	469	59265
Brinjal	12680	0	12680	12682	0	12682	12874	0	12874	12765	1	12764	12607	1	12607
Cauliflower	9083	0	9083	8941	1	8941	9225	1	9224	9566	1	9566	9700	1	9700
Cabbage	9127	0	9127	9272	1	9271	9560	1	9559	9825	1	9824	9952	0	9952
Green Chilli	3783	40	3743	4119	44	4074	4363	92	4271	4700	52	4648	4774	51	4723
Total vegetables	183170	3178	179992	188284	1780	186503	200445	2267	198178	209143	2422	206721	212526	3357	209170

Net availability=Production-Export+Import

Source: Production:DA&FW estimates

Net Export: DGCI&S
