

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

LOK SABHA
UNSTARRED QUESTION NO. 1555
TO BE ANSWERED ON 26th JULY, 2022

CROP YIELDS

1555. DR. ARVIND KUMAR SHARMA

Will the Minister of Agriculture and Farmers Welfare कृषि एवं किसान कल्याण मंत्री be pleased to state;

- (a) whether it is true that yield, across many crops, in east Asian countries, especially of China, is far higher than that of India despite the fact that their average land holdings are lower than that of India;
- (b) the details of the steps taken/proposed to be taken by the Government to increase crop yield; and
- (c) the details of the outcome achieved during the last five years?

ANSWER

MINISTER OF AGRICULTURE AND FARMERS WELFARE

कृषि एवं किसान कल्याण मंत्री

(SHRI NARENDRA SINGH TOMAR)

(a): The yield of a crop depends on various factors such as weather extremities, rainfall, soil type, agro-climatic condition, irrigation facilities, types of crops cultivated, use of fertilizers and pesticides, length of growing seasons, technology used etc. The yield level of China and some other East Asian countries in certain crop categories are higher than that in India, while in some other crop categories, the yield level of India is higher than China and some other East Asian Countries. In India multiple crops are grown by farmers in a year.

(b) & (c): National Food Security Mission (NFSM), a centrally sponsored scheme, launched in 2007-08, is being implemented with the objective of increasing foodgrains production through area expansion and productivity enhancement in the identified districts of the country. Under NFSM, assistance is given through state governments to farmers for interventions like cluster demonstrations on improved package of practices, demonstrations on cropping system, distribution of seeds of High Yielding Varieties (HYVs)/hybrids, improved farm machineries/resource conservation machineries/tools, efficient water application tools, plant protection measures, nutrient management/soil

ameliorants, processing & post-harvest equipments, cropping system based trainings to farmers etc. The mission also provides support to Indian Council of Agricultural Research (ICAR) & State Agricultural Universities (SAUs)/ KrishiVigyanKendras (KVKs) for technology back stopping and transfer of technology to the farmers under supervision of subject matter specialists/scientists. State-wise details of funds allocated, released and expenditure under NFSM during last five years i.e. 2017-18 to 2021-22 are given at **Annexure**. Further, ICAR is continuously working on development/adoption of new technologies, upgradation of existing technologies and provide quality seeds of newly developed varieties of crops to farmers. During 2017 to 2021, a total of 1521 high yielding field crop varieties/hybrids have been released for various agro-climatic region of the country comprising of 691 of Cereals; 247 of Pulses; 222 of Oilseeds; 52 of Sugarcane 202 of Fibre crops; 91 Forage Crops and 16 of other crops. Resultantly, the yield of foodgrains in the country has increased from 2042 kg./hectare during 2015-16 to 2394 kg./hectare in 2020-21.

Annexure referred to in reply to Part (b) & (c) of Lok Sabha Unstarred Question No. 5496 due for reply on 26.07.2022

**State-wise funds allocated, released and expenditure under NFSM during 2017-18 to 2021-22
(As on 20.07.2022)**

(Rs. In Crore)

Sl. No.	Name of the State	YEAR 2017-18			YEAR 2018-19			YEAR 2019-20			YEAR 2020-21			YEAR 2021-22		
		Allocati on	Release d	Expendit ure	Allocati on	Released	Expenditu re	Allocati on	Release d	Expendit ure	Allocati on	Release d	Expendit ure	Allocati on	Release d	Expenditu re
1	Andhra Pradesh	119.50	101.54	100.74	74.06	62.54	62.49	55.68	44.12	46.20	47.94	38.75	46.43	40.33	10.08	10.29
2	Arunachal Pradesh	13.12	6.56	6.56	9.60	7.20	0.00	17.35	5.81	13.01	8.55	8.56	4.28	6.929	1.73	4.28
3	Assam	152.79	130.06	96.18	162.21	105.58	99.35	227.64	115.01	169.57	164.48	156.14	65.61	102.29	15.83	83.93
4	Bihar	101.67	28.69	42.61	83.63	46.63	38.38	86.49	42.61	38.33	54.92	14.06	30.65	45.38	6.29	16.87
5	Chhattisgarh	93.26	69.86	58.26	111.82	78.58	71.19	131.99	85.32	64.09	111.83	53.40	63.30	85.38	2.54	25.82
6	Goa	0.58	0.00	0.01	0.13	0.00	0.02	0.13	0.00	0.00	0.13	0.00	0.00	0.11	0.00	0.03
7	Gujarat	37.91	5.00	18.63	26.86	17.21	15.91	33.53	16.08	20.59	22.98	16.96	17.14	18.99	4.75	14.43
8	Haryana	15.68	7.96	6.47	20.47	11.42	6.10	23.72	3.55	6.57	19.98	3.40	5.32	19.08	3.37	2.47
9	Himachal Pradesh	13.21	12.23	13.21	12.92	12.11	11.57	12.17	11.44	11.94	11.23	11.20	11.23	8.14	5.81	3.75
10	UT Jammu & Kashmir	20.74	9.05	8.31	12.76	6.21	5.66	13.44	7.07	6.81	10.82	3.78	5.03	7.61	1.90	0.84
11	Jharkhand	59.64	25.71	21.03	58.70	44.90	20.10	63.41	22.15	39.48	34.29	12.64	18.40	29.09	3.14	8.63
12	Karnataka	146.07	96.55	112.91	138.94	131.91	98.70	160.64	120.89	113.86	138.76	93.12	124.75	121.74	82.34	96.86
13	Kerala	1.22	0.13	0.47	1.08	0.00	0.00	1.04	0.63	0.00	0.88	0.00	0.51	0.64	0.16	0.52
14	UT of Ladakh										0.39	0.20	0.00	0.00	0.00	0.00
15	Madhya Pradesh	377.28	103.80	105.66	309.03	104.40	166.17	403.49	187.98	130.21	309.59	14.14	158.68	282.67	169.56	119.66
16	Maharashtra	161.28	152.10	133.77	155.90	112.56	101.73	142.04	107.94	120.49	153.36	128.56	94.64	139.33	44.68	84.24
17	Manipur	15.04	4.68	4.68	13.71	7.44	7.44	14.60	11.76	10.71	13.09	6.54	6.54	8.77	2.19	0.00
18	Meghalaya	8.38	5.23	4.36	5.95	4.94	3.92	6.11	2.82	2.30	6.34	4.74	5.37	4.72	0.25	0.15
19	Mizoram	2.31	2.30	2.37	3.04	2.28	2.29	3.19	2.39	2.40	2.89	1.44	1.44	2.42	0.61	0.00
20	Nagaland	20.29	17.75	17.75	18.87	18.73	18.73	21.58	16.81	16.81	17.03	17.00	8.52	13.56	3.39	3.39
21	Odisha	79.88	54.90	55.00	84.98	84.91	84.78	88.12	75.51	75.60	72.85	72.84	72.84	62.15	30.37	30.13
22	Punjab	14.88	5.43	7.19	16.30	0.15	0.00	16.34	0.06	0.00	3.02	0.28	0.00	2.59	0.00	0.00
23	Rajasthan	190.76	85.30	156.94	188.82	116.27	95.39	245.57	138.99	103.62	230.96	140.25	121.85	199.60	89.50	85.73
24	Sikkim	5.95	0.00	4.46	11.29	9.39	9.40	8.07	5.96	5.96	5.80	5.71	1.50	4.95	1.24	1.23
25	Tamil Nadu	51.28	37.02	40.96	58.16	55.20	52.10	56.29	48.11	53.08	38.17	34.10	35.71	38.75	26.50	25.76
26	Telangana	51.11	19.34	21.82	34.27	9.61	16.78	32.65	15.05	10.91	28.04	7.10	9.93	21.94	0.00	0.00
27	Tripura	19.03	17.15	15.02	22.46	17.84	18.00	14.90	4.25	4.57	10.43	6.02	9.47	7.19	3.20	3.20
28	Uttar Pradesh	173.99	83.10	77.83	192.37	131.24	101.28	161.07	79.46	93.97	141.40	100.13	91.53	119.85	52.73	67.16
29	Uttarakhand	17.70	3.83	8.57	20.49	17.83	12.55	18.38	7.82	9.95	15.47	10.36	10.15	12.77	4.98	4.81
30	West Bengal	116.43	107.86	97.90	109.22	92.51	94.59	113.22	89.93	109.54	70.14	63.87	68.49	64.38	42.83	28.06
Total		2080.98	1193.13	1239.67	1958.03	1309.59	1214.70	2172.83	1269.49	1280.57	1745.77	1025.27	1089.31	1471.34	609.95	722.23
