

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

**LOK SABHA**  
**UNSTARRED QUESTION NO. 2125**  
TO BE ANSWERED ON 15<sup>th</sup> MARCH, 2022

**Production of Food Grains**

2125. SHRI THIRUNAVUKKARASAR SU  
SHRI RAJIV PRATAP RUDY

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

(a) whether the output of food grains is estimated to be at an all-time high record of 316 million tonnes in the country during 2021-2022 crop year despite challenges due to the COVID-19 pandemic in the country;

(b) if so, the details of food grain yield, area and productivity of the last four years, State/UT-wise and district-wise in Bihar;

(c) whether any study has been conducted by the Government to optimise productivity in small landholdings, if so, the details thereof;

(d) the steps taken by the Government to promote high yielding varieties of seeds, specially in Bihar; and

(e) whether it is a fact that the yield in Bihar is lower than that of other States with similar area, if so, the details and reasons thereof along with the steps taken by the Government therefor?

**ANSWER**

MINISTER OF AGRICULTURE AND FARMERS WELFARE कृषि एवं किसान कल्याण मंत्री

(SHRI NARENDRA SINGH TOMAR)

(a) & (b): The production of foodgrains during the year 2021-22 (as per 2<sup>nd</sup> Advance Estimates) is estimated at record 316.06 million tones. The state-wise details of Area, Production and Yield of foodgrains during last four years i.e. 2017-18 to 2020-21 and latest available district-wise for the state of Bihar during 2016-17 to 2019-20 are given at **Annexure I & II** respectively.

(c) & (d): As per Agriculture Census, 2015-16, there are about 17.62 small land holdings in the country. The Indian Council of Agricultural Research (ICAR) conducts research programme to develop location specific varieties and technologies for enhancing the productivity of farm holdings. To improve productivity of small holdings, the Government is promoting adoption of modern technologies and practices like multiple cropping, intercropping and Integrated farming system (IFS). The Govt. of India is implementing Seed Village Programme to upgrade the quality of farmer's saved seeds, under which

financial assistance for distribution of foundation/certified seeds at 50% cost of the seeds for cereal crops and 60% for pulses, oilseeds, fodder and green manure crops for production of quality seeds is given for one acre per farmer under Sub-Mission on Seeds & Planting Material (SMSP). The objective of this scheme is to make available improved /high yielding varieties seeds to the farmers in time to achieve self-sufficiency in respect of seeds at village level itself. Further, during 2021-22 (kharif & Rabi) 5739 seed minikits of pulses of High Yielding Varieties have been distributed free of cost to the farmers in the state of Bihar. Also, systematic efforts have been made to produce the breeder seed of the newly released varieties. During the year 2020-21, 114825.55 quintals breeder seeds were produced in the country out of which 4552.80 quintals were produced in the state of Bihar.

(e) The average yield of food grains during last five years i.e. 2016-17 to 2020-21 in the state of Bihar is estimated at 2438 kg./hectare.

<b>State</b>	<b>Average Yield of Foodgrains (Kg. /Hectare) (2016-17 to 2020-21)</b>
Bihar	2438
Jharkhand	1802
Uttar Pradesh	2720
West Bengal	2891

The yield of food grains in a state depends on various factors such as weather condition, rainfall, soil type, agro-climatic condition, irrigation facilities, types of crops cultivated, use of fertilizers and pesticides etc. To improve the yield of the crops in the country including the state of Bihar, the Government is implementing various schemes such as National Food Security Mission (NFSM), Bringing Green Revolution to Eastern India (BGREI), Soil Health Card (SHC) scheme, Neem Coated Urea, Paramparagat Krishi Vikas Yojana (PKVY), Pradhan Mantri Krishi Sinchai Yojana (PMKSY) etc.

**Annexure referred to in reply to Part (b) of Lok Sabha Unstarred Question No. 2125 due for reply on  
15.03.2022**

**State-wise Area, Production and Yield of Total Foodgrains**

State/UT	Area ('000Hectares)				Production ('000Tonnes)				Yield( Kg./Hectare)			
	2017-18	2018-19	2019-20	2020-21	2017-18	2018-19	2019-20	2020-21	2017-18	2018-19	2019-20	2020-21
1	2	3	4	5	6	7	8	9	10	11	12	13
Andhra Pradesh	4144.00	4023.00	4089.10	4074.50	12159.77	10838.81	12356.78	11299.04	2934	2694	3022	2773
Arunachal Pradesh	226.69	228.21	228.76	229.04	359.08	365.15	373.19	377.07	1584	1600	1631	1646
Assam	2642.97	2629.83	2487.66	2558.24	5525.91	5465.86	5236.40	5487.51	2091	2078	2105	2145
Bihar	6586.47	6495.52	6183.15	6359.43	17036.89	15600.06	14233.00	15382.59	2587	2402	2302	2419
Chhattisgarh	4884.99	4674.66	4735.49	4804.45	5958.67	7558.58	7501.84	8225.52	1220	1617	1584	1712
Goa	44.06	42.59	39.10	36.52	107.83	105.16	94.24	91.09	2447	2469	2411	2494
Gujarat	3737.00	3187.66	3759.15	4230.29	7664.69	6803.63	8153.43	8973.93	2051	2134	2169	2121
Haryana	4458.20	4557.90	4591.38	4595.14	16191.83	18145.00	17863.47	18309.50	3632	3981	3891	3985
Himachal Pradesh	724.91	732.62	701.94	727.03	1488.25	1501.05	1530.12	1535.51	2053	2049	2180	2112
Jammu & Kashmir	919.20	868.99	835.56	841.89	1570.76	1892.51	1671.21	1594.95	1709	2178	2000	1894
Jharkhand	3067.08	2711.02	2637.43	2811.02	6001.30	4399.69	4792.30	4871.69	1957	1623	1817	1733
Karnataka	7647.70	7659.02	7709.10	8235.11	11791.19	10888.35	12783.69	14550.07	1542	1422	1658	1767
Kerala	191.45	201.10	201.11	207.67	523.77	581.18	608.43	636.38	2736	2890	3025	3064
Madhya Pradesh	17042.00	16352.00	15246.09	15014.00	33450.39	32208.71	33523.13	32844.23	1963	1970	2199	2188
Maharashtra	10926.30	9621.60	11026.24	11345.88	13246.68	10304.10	12819.86	15766.09	1212	1071	1163	1390
Manipur	297.02	293.24	207.57	284.71	706.54	495.03	421.38	697.09	2379	1688	2030	2448
Meghalaya	140.96	142.03	140.82	137.48	361.76	260.65	360.82	353.33	2566	1835	2562	2570
Mizoram	45.42	45.48	45.61	46.48	74.21	76.91	76.46	80.68	1634	1691	1676	1736
Nagaland	336.53	335.38	340.55	342.60	552.29	558.13	565.42	570.24	1641	1664	1660	1664
Odisha	4665.44	4708.57	4829.13	4978.46	7151.28	8315.21	9030.05	9523.56	1533	1766	1870	1913
Punjab	6729.90	6769.40	6595.80	6604.50	31691.86	31532.35	29857.33	30418.34	4709	4658	4527	4606
Rajasthan	14236.98	14811.20	15809.60	15556.35	19957.00	21288.77	23227.06	24282.31	1402	1437	1469	1561
Sikkim	56.37	55.10	55.16	54.74	93.88	91.98	92.09	91.75	1665	1669	1669	1676
Tamil Nadu	3538.58	3495.94	3692.41	3819.58	10713.56	10390.12	11269.78	10823.62	3028	2972	3052	2834
Telangana	3245.00	3056.00	3194.00	4145.10	9421.08	9275.17	11125.05	12745.62	2903	3035	3483	3075
Tripura	318.60	312.92	308.03	313.56	855.35	836.35	853.31	867.64	2685	2673	2770	2767
Uttar Pradesh	19800.00	19493.00	19949.00	19933.00	51369.93	54643.42	56169.14	58106.92	2594	2803	2816	2915
Uttarakhand	851.00	835.00	805.00	809.00	1903.18	1876.14	1886.01	2001.84	2236	2247	2343	2474
West Bengal	5944.66	6361.32	6471.57	6612.34	16877.53	18689.87	18794.33	20004.64	2839	2938	2904	3025
A & N Islands	5.93	5.99	6.22	6.94	17.02	11.64	18.28	13.72	2868	1945	2939	1975
Chandigarh	0.05	0.06	1.43	0.63	0.26	0.28	7.10	2.92	4699	4974	4977	4607
D & N Haveli	17.76	19.67	20.23	16.70	35.72	36.45	40.33	34.34	2011	1853	1994	2056
UT of Ladakh	NA	NA	NA	11.69	NA	NA	NA	11.96	NA	NA	NA	1023
Delhi	29.95	29.79	29.75	29.70	106.91	106.28	106.20	111.79	3570	3567	3570	3764
Daman & Diu	2.22	1.93	1.80	1.93	2.76	2.47	2.94	3.55	1244	1281	1634	1841
Puducherry	18.77	19.22	19.61	19.33	44.07	64.28	60.28	50.70	2348	3345	3074	2623
<b>All India</b>	<b>127524.17</b>	<b>124776.17</b>	<b>126994.53</b>	<b>129795.01</b>	<b>285013.20</b>	<b>285209.10</b>	<b>297504.46</b>	<b>310741.74</b>	<b>2235</b>	<b>2286</b>	<b>2343</b>	<b>2394</b>

NA- Not Available

**Annexure-II**

**Annexure referred to in reply to Part (b) of Lok Sabha Unstarred Question No. 2125 due for reply on 15.03.2022**

**District-wise Area, Production and Yield of Foodgrains in Bihar**

District-Name	Area ('000Hectares)				Production ('000Tonnes)				Yield (Kg/Hectare)			
	2016-17	2017-18	2018-19	2019-20	2016-17	2017-18	2018-19	2019-20	2016-17	2017-18	2018-19	2019-20
ARARIA	204.02	236.77	130.50	98.72	600.49	550.67	494.78	438.26	2943	2326	3791	4440
ARWAL	61.98	61.60	58.80	39.08	191.26	197.81	162.62	103.97	3086	3211	2766	2660
AURANGABAD	279.30	279.71	303.97	294.34	813.91	847.59	798.35	745.66	2914	3030	2626	2533
BANKA	148.39	144.39	145.84	136.32	456.28	463.29	256.01	291.51	3075	3209	1755	2138
BEGUSARAI	140.33	128.87	149.87	137.54	506.38	357.13	494.13	539.67	3608	2771	3297	3924
BHAGALPUR	133.70	132.26	124.08	126.99	386.24	460.89	368.38	368.01	2889	3485	2969	2898
BHOJPUR	170.12	186.73	205.85	217.36	451.63	631.46	609.98	583.65	2655	3382	2963	2685
BUXAR	183.22	180.07	182.44	181.02	581.80	599.37	490.08	513.54	3175	3329	2686	2837
DARBHANGA	164.94	158.57	158.19	150.68	406.65	354.48	300.43	271.80	2465	2235	1899	1804
GAYA	195.17	194.05	179.09	164.35	563.68	600.18	349.46	279.16	2888	3093	1951	1699
GOPALGANJ	173.73	173.58	121.10	150.57	431.60	380.20	256.79	398.56	2484	2190	2121	2647
JAMUI	134.07	120.79	86.75	61.97	348.88	289.48	131.90	114.52	2602	2397	1521	1848
JEHANABAD	74.55	73.18	71.14	64.04	170.98	195.52	175.07	148.41	2294	2672	2461	2318
KAIMUR(BHABUA)	212.91	198.24	204.18	240.32	506.28	574.27	584.10	679.12	2378	2897	2861	2826
KATI HAR	214.91	153.63	191.08	191.50	1197.15	785.54	754.54	796.71	5570	5113	3949	4160
KHAGARIA	121.94	113.28	112.94	112.14	542.71	439.52	384.45	407.42	4451	3880	3404	3633
KISHANGANJ	109.13	109.40	108.56	108.38	239.15	202.84	186.70	202.53	2191	1854	1720	1869
LAKHISARAI	67.61	73.48	87.57	70.28	195.33	212.04	216.92	169.86	2889	2886	2477	2417
MADHEPURA	154.40	160.47	164.25	172.77	475.74	431.73	593.43	583.99	3081	2690	3613	3380
MADHUBANI	322.94	317.64	312.59	305.80	558.81	523.04	425.19	434.22	1730	1647	1360	1420
MUNGER	45.22	45.25	44.06	44.01	125.37	123.99	81.25	100.06	2773	2740	1844	2274
MUZAFFARPUR	275.33	277.54	300.98	307.38	496.86	491.21	602.17	610.30	1805	1770	2001	1985
NALANDA	233.01	232.38	214.41	220.80	685.75	692.63	536.65	476.86	2943	2981	2503	2160
NAWADA	130.14	130.90	122.37	122.09	390.69	396.19	244.47	275.58	3002	3027	1998	2257
PASHCHIMCHAMPARAN	232.96	224.99	222.44	216.94	474.45	423.03	472.68	572.07	2037	1880	2125	2637
PATNA	174.60	192.22	202.99	167.20	456.87	557.35	527.27	368.95	2617	2900	2598	2207
PURBICHAMPARAN	360.70	363.76	364.25	365.47	765.48	682.97	657.06	641.98	2122	1878	1804	1757
PURNIA	199.99	166.61	160.46	163.04	655.20	474.44	643.90	617.07	3276	2848	4013	3785
ROHTAS	345.25	342.77	344.89	379.22	1116.39	1224.20	1323.70	1371.31	3234	3571	3838	3616
SAHARSA	178.69	163.46	172.14	173.92	449.80	408.30	385.75	383.15	2517	2498	2241	2203
SAMASTIPUR	217.80	234.94	234.39	225.39	723.21	857.57	640.75	636.22	3321	3650	2734	2823
SARAN	194.27	169.78	179.37	168.19	576.14	448.74	382.09	469.65	2966	2643	2130	2792
SHEIKHPURA	51.60	58.12	53.50	49.54	124.30	138.88	85.54	81.94	2409	2390	1599	1654
SHEOHAR	39.96	40.20	39.70	40.18	78.38	88.34	85.38	80.61	1961	2197	2151	2006
SITAMARHI	195.71	197.19	197.20	197.14	505.00	465.27	518.26	502.55	2580	2360	2628	2549
SIWAN	202.95	204.38	203.27	190.34	529.90	471.81	388.00	369.27	2611	2308	1909	1940
SUPAUL	198.78	205.16	201.38	201.51	407.40	403.50	434.15	453.57	2050	1967	2156	2251
VAISHALI	123.98	123.67	122.40	120.23	357.95	340.41	252.04	280.11	2887	2753	2059	2330

