

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

RAJYA SABHA
UNSTARRED QUESTION NO. 2250
TO BE ANSWERED ON THE 19/12/2025

INCENTIVES TO FARMERS FOR PRODUCTION OF COMMERCIAL CROPS

2250. SMT. MAYA NAROLIYA:
SHRI HARSH MAHAJAN:
SHRI RYAGA KRISHNAIAH:
DR. MEDHA VISHRAM KULKARNI:
SHRI MITHLESH KUMAR:
SHRI BHUBANESWAR KALITA:
DR. ANIL SUKHDEORAO BONDE:
SHRI SUBHASH BARALA:
SMT. KIRAN CHOUDHRY:

Will the Minister of AGRICULTURE AND FARMERS WELFARE be pleased to state:

- (a) whether Government is providing any incentives to farmers for growing commercial crops across the country, including Madhya Pradesh;
- (b) if so, the details of those schemes, programs and incentives;
- (c) State-wise details of the production and productivity of major commercial crops (such as soybean, cotton, sugarcane, groundnut, maize etc.) during the last three years and the position of Madhya Pradesh in this regard;
- (d) whether Government is taking any steps to promote new technologies especially in cotton and sugarcane crops; and
- (e) if so, details of new technologies, research, projects and training or incentives for farmers?

ANSWER

THE MINISTER OF STATE FOR AGRICULTURE AND FARMERS WELFARE
(SHRI RAMNATH THAKUR)

(a) & (b): Department of Agriculture & Farmers Welfare is implementing a scheme on commercial crops viz., cotton, jute & allied fibres and sugarcane in all major cultivating states including Madhya Pradesh under National Food Security & Nutrition Mission (NFSNM) [erstwhile National Food Security Mission (NFSM)] from 2014-15. Under this scheme, thrust has been given on transfer of technology through demonstrations and training in order to extend benefits to the farmers.

Government fixes Minimum Support Price (MSP) of cotton & jute and Fair & Remunerative Price (FRP) of sugarcane every year to encourage farmers for cultivation and ensure remunerative price.

(c): The production and productivity of soybean, cotton, sugarcane, groundnut and maize during the last three years is Annexed.

(d) & (e): A Special Project on Cotton titled ‘Targeting technologies to agro-ecological zones-large scale demonstrations of best practices to enhance cotton productivity’ of ICAR-Central Institute for Cotton Research (CICR), Nagpur is being implemented under NFSNM from 2023-24 to enhance productivity of cotton through dissemination of technologies such as High Density Planting System (HDPS) & Closer Spacing and farmers training on best practices.

A project titled ‘Insecticide Resistance Management (IRM): Dissemination of Pink Bollworm Management Strategies’ is being implemented by ICAR- Central Institute for Cotton Research (CICR), Nagpur since 2018-19 under National Food Security & Nutrition Mission (NFSNM) (erstwhile NFSM) with an objective to disseminate Pink Bollworm Management Strategies.

ICAR-Central Institute for Cotton Research (CICR), Nagpur is implementing the collaborative projects related to satellite based monitoring or precision agriculture with Indian Space Research Organisation-National Remote Sensing Centre (ISRO-NRSC) in cotton.

To promote new technologies such as genome editing, Indian Council of Agricultural Research (ICAR) has initiated genome editing project in 2023. The project on ‘Enhancing Climate Resilience and Ensuring Food Security with Genome Editing Tools’ is focusing on 24 field crops including cotton and sugarcane in different ICAR research institutions. During the period of 2014-2025, a total of 131 varieties of Cotton, 218 varieties of Bt Cotton and 36 varieties of sugarcane has been developed under the aegis of ICAR.

ICAR-Indian Sugarcane Research Institute (ISRI), Lucknow and ICAR-Sugarcane Breeding Institute, Coimbatore are conducting research in areas such as genome editing, precision agriculture and smart irrigation in sugarcane. ICAR-ISRI has unveiled a model called IKSHU Cane (Integrated Knowledge System for Sugarcane Harvest Output) to predict sugarcane growth and yield, assess soil and climatic factors, and simulate sugar yield for diverse varieties in tropical/subtropical zones.

Annexure

State-wise Production & Productivity of Soybean, Cotton, Sugarcane, Groundnut and Maize

Soybean

(Production in lakh tonnes & Productivity in kg/ha)

S.No.	State	Production			Productivity		
		2022-23	2023-24	2024-25	2022-23	2023-24	2024-25
1	Andhra Pradesh	0.28	0.13	0.08	1838	1364	1321
2	Gujarat	3.73	3.68	4.58	1682	1386	1523
3	Karnataka	5.45	4.13	4.83	1184	1062	1294
4	Madhya Pradesh	57.89	54.72	53.85	969	903	917
5	Maharashtra	66.16	52.58	73.70	1343	1028	1453
6	Rajasthan	12.07	11.70	11.75	1023	1038	1089
7	Telangana	3.26	2.70	2.91	1612	1483	1884
	All India	149.85	130.62	152.68	1145	985	1179

Cotton

(Production in lakh bales of 170 kg each & Productivity in kg lint/ha)

S.No.	State	Production			Productivity		
		2022-23	2023-24	2024-25	2022-23	2023-24	2024-25
1	Andhra Pradesh	15.41	7.37	11.31	372	297	476
2	Gujarat	87.95	90.57	71.57	602	574	513
3	Haryana	10.00	15.09	11.77	296	444	502
4	Karnataka	25.68	20.59	22.73	460	471	570
5	Madhya Pradesh	14.33	18.01	15.35	410	486	486
6	Maharashtra	83.16	80.45	73.73	338	323	304
7	Odisha	7.05	7.05	8.23	554	554	586
8	Punjab	4.44	6.29	4.14	303	500	439
9	Rajasthan	27.74	26.22	17.86	579	444	484
10	Tamil Nadu	3.19	2.52	2.11	313	330	350
11	Telangana	57.45	50.80	57.89	495	475	543
	All India	336.60	325.22	297.24	443	436	440

Sugarcane

(Production in lakh tonnes & Productivity in tonnes/ha)

S.No.	State	Production			Productivity		
		2022-23	2023-24	2024-25	2022-23	2023-24	2024-25
1	Andhra Pradesh	29.56	22.14	19.85	73.89	80.53	90.24
2	Assam	12.64	13.80	12.38	43.59	47.23	42.34
3	Bihar	127.43	120.84	121.49	60.63	59.78	63.09
4	Chhattisgarh	23.88	20.41	18.66	56.89	57.16	55.93
5	Gujarat	134.61	144.80	137.14	74.34	71.62	72.65
6	Haryana	88.60	73.74	58.30	82.23	83.58	81.38
7	Karnataka	593.46	418.11	480.60	90.00	77.00	89.00
8	Madhya Pradesh	64.44	75.90	61.09	70.04	66.00	57.09
9	Maharashtra	1239.68	1120.88	1099.70	91.20	78.00	94.23
10	Odisha	3.94	4.12	6.81	53.78	57.40	51.34
11	Punjab	75.06	75.10	72.79	83.12	83.25	82.05
12	Rajasthan	3.10	3.45	4.65	87.96	82.98	79.98
13	Tamil Nadu	176.58	159.27	133.51	111.08	105.00	102.00
14	Telangana	29.43	24.33	19.16	105.10	90.12	93.06
15	Uttar Pradesh	2242.46	2158.11	2208.01	80.24	81.35	81.17
16	Uttarakhand	37.60	77.76	76.50	80.00	82.65	84.66
17	West Bengal	14.43	11.04	8.79	78.20	66.58	66.58
	All India	4905.33	4531.58	4546.11	83.35	78.95	83.42

Groundnut

(Production in lakh tonnes & Productivity in kg/ha)

S.No.	State	Production			Productivity		
		2022-23	2023-24	2024-25	2022-23	2023-24	2024-25
1	Gujarat	45.31	46.44	52.21	2570	2739	2657
2	Karnataka	5.80	2.42	3.81	1248	648	961
3	Madhya Pradesh	7.44	9.82	15.51	1912	2051	2207
4	Maharashtra	2.67	2.85	3.62	1278	1257	1448
5	Rajasthan	19.32	20.27	21.36	2400	2276	2024
6	Tamil Nadu	9.12	8.78	7.69	2598	2694	2439
7	Telangana	2.52	2.25	2.20	2448	2450	2106
	All India	102.97	101.80	119.42	2075	2163	2073

Maize

(Production in lakh tonnes & Productivity in kg/ha)

S.No.	State	Production			Productivity		
		2022-23	2023-24	2024-25	2022-23	2023-24	2024-25
1	Andhra Pradesh	27.55	18.19	21.48	7138	6225	6510
2	Bihar	43.80	57.09	54.68	5854	5975	6101
3	Gujarat	8.57	9.09	7.95	2140	2244	1858
4	Jharkhand	4.58	5.65	6.98	1910	2098	2418
5	Karnataka	59.11	56.29	61.90	3092	2855	3234
6	Madhya Pradesh	46.21	43.39	66.42	3191	2812	2884
7	Maharashtra	39.19	24.50	47.49	2913	1847	2922
8	Rajasthan	21.79	21.70	26.78	2277	2464	2658
9	Tamil Nadu	29.90	28.39	26.63	7007	6239	5487
10	Telangana	28.62	27.79	33.92	5557	5671	5860
11	Uttar Pradesh	19.52	26.68	19.61	2191	2417	2880
12	West Bengal	22.76	26.04	28.36	6285	6633	6999
	All India	380.85	376.65	434.09	3545	3351	3590

Source: UPAg Portal
