

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

**LOK SABHA**  
**UNSTARRED QUESTION NO. 1711**  
TO BE ANSWERED ON THE 10<sup>TH</sup> FEBRUARY, 2026

**COTTON PRODUCTION**

1711. SHRI BASTIPATI NAGARAJU:

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

(a) the details regarding the total cotton production in the last five years, year, State and district-wise for Andhra Pradesh;

(b) the details regarding the total cottonseed production in the last five years, year, State and district-wise for Andhra Pradesh;

(c) the details regarding the total area under cotton production in the last five years, year, State and district-wise for Andhra Pradesh;

(d) the details regarding the total cotton production and area under cultivation in the last five years, year-wise and cotton genetic variety-wise;

(e) whether the Government is aware of the homogenization of the genetic varieties of cotton cultivated in the country;

(f) if so, whether the Government has conducted any study to assess the long-term impact of it, and the details of the findings; and

(g) the details regarding the steps taken by the Government to protect native cotton varieties?

**ANSWER**

MINISTER OF STATE FOR AGRICULTURE AND FARMERS WELFARE  
कृषि एवं किसान कल्याण राज्य मंत्री (SHRI RAMNATH THAKUR)

(a) to (d): The details of State-wise area and production of cotton in the country, as well as the district-wise area and production of cotton in Andhra Pradesh during the last five years, are given in Annexure I and Annexure II, respectively.

(e): Yes, About 95% area under cotton cultivation is occupied by Bt-cotton (Gossypium hirsutum).

(f): Studies conducted on long-term impact of Bt-cotton in India revealed that:

1. Bt-cotton technology replaced large tracts of varietal areas with Bt-hybrids, because in India, the technology was available only in the form of hybrids.
2. Bt-cotton adoption is shown to be a poor indicator of yield trends but a strong indicator of initial reductions in pesticide use
3. Bt-cotton has continued to control one major cotton pest [American bollworm (*Helicoverpa armigera*)]. However, pink bollworm has developed resistance against Bt protein and is becoming a major pest in all cotton growing areas. Sucking pests are also surging in the cotton ecosystem over the years.
4. Farmers now spend more on pesticides than during initial period of Bt-cotton introduction.

(g): The ICAR-Central Institute for Cotton Research (CICR), Nagpur is involved in germplasm conservation, documentation and utilization of wild cotton species, perennials, and native cotton species. Further, ICAR-CICR has dedicated research projects for improvement and popularisation of *G. arboreum* and *G. herbaceum* species in north and central India, respectively.

**State-wise area and production of cotton during the last 5 years**

Source: DA&FW

State	Area (Thousand Hectares)					Production (Thousand Bales)				
	2020-21	2021-22	2022-23	2023-24	2024-25	2020-21	2021-22	2022-23	2023-24	2024-25
Andhra Pradesh	606.00	554.00	704.00	422.00	404.00	1600.55	1707.62	1540.52	737.26	1131.20
Gujarat	2270.50	2283.70	2483.73	2683.32	2371.65	7212.18	7509.34	8795.33	9056.99	7156.80
Haryana	739.60	635.60	574.61	577.68	398.46	1822.90	1316.06	1000.50	1508.76	1176.63
Karnataka	820.00	674.00	949.00	743.00	678.00	2320.12	1954.60	2567.88	2058.55	2273.29
Madhya Pradesh	588.00	560.00	595.00	630.00	537.00	1338.56	1419.76	1433.25	1801.06	1535.19
Maharashtra	4544.60	4409.97	4182.44	4234.47	4122.98	10105.05	8249.24	8315.67	8045.49	7372.86
Odisha	171.24	193.11	216.31	216.31	238.62	550.99	625.91	704.92	704.92	822.54
Punjab	251.60	251.30	248.90	213.80	160.40	1022.68	645.99	443.63	628.82	414.21
Rajasthan	807.84	755.86	814.61	1003.79	627.39	3207.59	2480.99	2774.47	2621.66	1786.22
Tamil Nadu	112.05	147.91	173.27	129.73	102.36	243.21	301.91	319.02	251.83	210.74
Telangana	2358.00	1889.00	1972.90	1818.00	1812.31	5797.91	4878.06	5744.62	5079.71	5788.73
Others	16.46	17.07	12.03	15.54	30.45	26.61	28.11	20.38	26.97	55.77
<b>All India</b>	<b>13285.89</b>	<b>12371.52</b>	<b>12926.80</b>	<b>12687.64</b>	<b>11483.62</b>	<b>35248.35</b>	<b>31117.59</b>	<b>33660.19</b>	<b>32522.02</b>	<b>29724.18</b>

# Cotton Production in Thousand Bales, 1Bale=170 Kg

## District-wise area and production of cotton in Andhra Pradesh during the last 5 years

District	Area (Thousand Hectares)					Production (Thousand Bales)				
	2020-21	2021-22	2022-23	2023-24	2024-25	2020-21	2021-22	2022-23	2023-24	2024-25
Alluri Sitharama Raju	0.00	0.00	2.68	1.98	2.01	0.00	0.00	7.61	7.19	7.18
Anakapalli	0.00	0.00	0.08	0.04	0.10	0.00	0.00	0.23	0.11	0.35
Anantapur	40.64	43.37	79.06	32.71	28.60	35.37	34.11	89.94	19.53	39.32
Annamayya	0.00	0.00	0.17	0.05	0.05	0.00	0.00	0.32	0.05	0.08
Bapatla	0.00	0.00	4.78	1.35	1.75	0.00	0.00	10.26	2.84	3.56
Chittoor	0.09	0.15	0.03	0.00	0.01	0.26	0.25	0.06	0.00	0.01
East Godavari	6.96	5.02	0.20	0.04	0.02	16.00	18.53	0.56	0.12	0.08
Eluru	0.00	0.00	3.79	3.23	3.06	0.00	0.00	11.40	5.89	7.41
Guntur	162.80	109.59	27.84	18.00	21.87	458.34	383.29	90.43	75.45	103.30
Kakinada	0.00	0.00	2.06	1.82	2.12	0.00	0.00	7.50	8.02	9.37
Krishna	47.85	36.17	0.32	0.12	0.39	111.34	137.40	0.90	0.39	1.33
Kurnool	275.80	266.37	272.56	203.84	197.83	862.96	508.88	615.12	205.69	517.15
Nandyal	0.00	0.00	33.24	10.44	7.18	0.00	0.00	56.98	16.96	17.71
Ntr	0.00	0.00	39.21	29.41	30.94	0.00	0.00	131.04	128.36	110.51
Palnadu	0.00	0.00	104.95	65.60	65.91	0.00	0.00	317.73	208.37	231.91
Parvathipuram Manyam	0.00	0.00	8.85	5.41	6.31	0.00	0.00	27.23	10.56	14.09
Prakasam	32.98	41.35	49.07	18.37	12.38	45.66	79.50	86.02	16.56	15.06
Spsr Nellore	3.37	6.72	15.66	0.26	3.56	9.24	19.91	39.16	0.94	21.31
Sri Sathya Sai	0.00	0.00	6.05	3.19	3.61	0.00	0.00	3.54	2.23	4.03
Srikakulam	3.72	3.46	1.38	1.06	1.03	13.49	9.62	3.45	3.79	3.72
Tirupati	0.00	0.00	0.18	0.09	0.02	0.00	0.00	0.33	0.08	0.04
Visakhapatanam	0.81	0.27	0.00	0.00	0.00	0.66	0.32	0.00	0.00	0.00
Vizianagaram	10.07	9.23	2.04	1.84	1.81	21.45	19.28	5.89	4.78	4.88
West Godavari	4.77	2.93	0.00	0.00	0.00	7.79	8.18	0.00	0.00	0.00
Y.S.R.	16.55	29.14	49.72	23.13	13.44	16.98	53.66	40.99	19.33	18.80

# Cotton Production in Thousand Bales, 1Bale=170 Kg

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