

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

LOK SABHA
UNSTARRED QUESTION NO. 2678
TO BE ANSWERED ON 4th August, 2026

PRODUCTION AND PRODUCTIVITY OF ARECANUT

2678. SHRI B Y RAGHAVENDRA:

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

- (a) the details of area under cultivation, production and productivity (yield per hectare) of Arecanut during each of the last five years in the country, State/UT-wise;
- (b) the share of Karnataka in the total area under cultivation and production of Arecanut in the country during the above period;
- (c) whether the data on area, production and productivity of Arecanut in Karnataka is maintained by the Government and if so, the details thereof for each of the last five years, district-wise;
- (d) the details of financial assistance provided by the Union Government for Arecanut development during the above period in the country, State/UT-wise; and
- (e) the details of the programmes implemented by the Directorate of Arecanut and Spices Development, Calicut?

ANSWER

THE MINISTER OF STATE FOR AGRICULTURE AND FARMERS WELFARE

कृषि एवं किसान कल्याण राज्य मंत्री (SHRI RAMNATH THAKUR)

- (a): The details of area under cultivation, production and productivity (yield per hectare) of Arecanut during each of the last five years i.e. from 2021-22 to 2025-26 (Second Advance Estimates) in the country, State/UT- wise, are given at **Annexure-I**.
- (b): During the last five years, Karnataka accounted for 71.56% of the country's total area and 75.47% of the country's total production under Arecanut.

(c): The Department of Agriculture and Farmers Welfare (DA&FW) releases area and production estimates of horticulture crops, including Arecanut, at the State/UT level and All-India level, sourced from the Directorate of Arecanut and Spices Development (DASD). The district-level data of area, production and productivity of Arecanut for each of the last five years in Karnataka is given at **Annexure-II**.

(d): Under the Mission for Integrated Development of Horticulture (MIDH), a centrally sponsored scheme, there is no specific provision for providing assistance for Arecanut development through area expansion to the States/UTs. However, financial assistance is provided to the Directorate of Arecanut and Spices Development (DASD) under MIDH, for implementing, coordinating and monitoring the activities on development of Arecanut, Spices and Aromatic plants. The details of funds allocated and released to DASD under MIDH during the last five years is as under:

(Rs. in crore)		
Year	Allocation	Released
2021-22	12.00	12.00
2022-23	14.00	14.00
2023-24	16.88	16.88
2024-25	24.00	20.92
2025-26	14.00	14.00

(e): The overall development of Arecanut at the National level is coordinated by the Directorate of Arecanut and Spices Development (DASD), Calicut. DASD has implemented the following technical programmes and technology-dissemination schemes:

- **Arecanut based Multispecies Cropping Systems:** To enhance farmer's income from the existing unit area, the Directorate promotes and popularizes multispecies cropping systems in existing Arecanut gardens. Front Line Demonstrations (FLDs) are held in the fields of progressive farmers, along with the organization of awareness and training programmes to disseminate this technology and adoption of this practice.
- **Management of Fruitrot/ Mahali disease through effective fungicides:** Establishes FLDs to demonstrate the effect of the new fungicide Mandipropamid in management of fruit rot disease in Arecanut in selected areas of Kerala and Karnataka.
- **Management of Arecanut rootgrub infestation through the use of Entomopathogenic Nematode (EPN):** Establishes FLDs to popularize the use of EPN in management of root grubs in Arecanut.
- **Promotion of Hybrid Dwarf varieties:** Demonstrated dwarf hybrid varieties of Arecanut in selected farmers' fields to encourage easier harvesting operations and optimize plant density.

- **Yellow Leaf Disease (YLD) management through plastic mulch:** FLDs are established in farmers' field to demonstrate the effect of plastic mulching in YLD management in Arecanut.
- **Initiative for disease prediction:** A Temperature and Relative Humidity Controller Unit has been given to the Indian Council of Agricultural Research (ICAR)- Central Plantation Crops Research Institute (CPCRI) for studying the relationship between weather and Leaf Spot Disease (LSD) of Arecanut to help in disease prediction.
- **Community-Based Leaf Spot Disease (LSD) management:** DASD has established large-scale demonstration on community-based management of LSD in Arecanut across 10 LSD affected Arecanut growing taluks in Karnataka from 2025-26 in the selected farmers' fields of the affected area. This programme covers 50 hectare, with 5 hectare in each taluk, aiming to popularize the recommended scientific management measures for control of LSD. An amount of Rs. 6.32 crores has been sanctioned for this programme for a period of three years.
- **Evidence based Health Research:** To address the knowledge gap and provide conclusive evidence on the health effects of Arecanut, DASD, in collaboration with ICAR-CPCRI, is implementing a project titled "Evidence-Based Research on Arecanut and Human Health". This project brings together around 12 National and State-level agencies dealing with medical research, including All India Institute of Medical Sciences (AIIMS), New Delhi; Centre for Cellular & Molecular Biology (CCMB), Hyderabad; and others to conduct detailed research on the effects of Arecanut on human health. An advisory Committee has been setup for monitoring this research. The project has been started in 2025-26 and an amount of Rs 9.99 crores has been sanctioned for a period of three years.
- **Value Chain Study on Arecanut:** The DASD in association with ICAR-CPCRI, is conducting a pilot study on value chain of Arecanut to understand the existing value chains in the sector and to analyse the consumption patterns and distribution channels of Arecanut and its products.

Annexure-I																
Statement Annexed to part (a) of Lok Sabha Unstarred Question No. 2678 due for answer on 4th August, 2026 regarding ‘Production and Productivity of Arecanut’																
States/UTs-wise Area, Production and Productivity (Yield per hectare) of Arecanut																
Area (A) in '000 Ha																
Production (P) in '000 MT																
Productivity (Pdty) in MT/Ha																
Sl. No.	STATE/UT's	2021-22			2022-23			2023-24			2024-25			2025-26 (Second Advance Estimates)		
		A	P	Pdty	A	P	Pdty	A	P	Pdty	A	P	Pdty	A	P	Pdty
1	Karnataka	603.12	1348.93	2.24	674.81	1024.12	1.52	676.95	1032.02	1.52	741.18	1097.75	1.48	798.68	1132.39	1.42
2	Kerala	93.97	103.48	1.10	94.55	98.53	1.04	96.11	103.99	1.08	96.05	85.80	0.89	97.51	88.43	0.91
3	Meghalaya	18.95	25.09	1.32	34.41	51.65	1.50	35.05	51.92	1.48	55.93	87.26	1.56	55.93	87.26	1.56
4	Assam	68.41	53.94	0.79	67.35	41.85	0.62	69.27	55.40	0.80	69.38	55.48	0.80	72.03	57.65	0.80
5	Mizoram	21.42	33.54	1.57	21.42	33.54	1.57	21.42	33.54	1.57	21.42	33.54	1.57	21.42	33.54	1.57
6	Tamil Nadu	8.90	13.00	1.46	10.78	21.89	2.03	13.08	21.30	1.63	15.24	26.14	1.72	17.11	29.56	1.73
7	Tripura	7.25	24.85	3.43	7.34	24.98	3.40	7.35	25.07	3.41	7.35	25.08	3.41	7.30	24.93	3.42
8	West Bengal	12.07	24.84	2.06	12.49	24.79	1.98	12.84	24.93	1.94	12.52	24.83	1.98	12.48	24.76	1.98
9	Andhra Pradesh	3.85	7.64	1.98	3.37	20.24	6.00	3.92	30.51	7.78	8.53	18.39	2.16	10.44	18.27	1.75
10	Andaman Nicobar	4.11	15.39	3.75	4.25	12.52	2.95	4.74	15.41	3.25	4.43	15.80	3.57	4.31	14.57	3.38
11	Arunachal Pradesh	1.53	6.84	4.47	0.83	3.68	4.45	2.26	7.09	3.14	1.44	5.83	4.04	1.73	6.00	3.46
12	Maharashtra	3.29	4.21	1.28	3.56	4.18	1.17	3.39	2.76	0.82	3.54	8.18	2.31	3.35	4.81	1.44
13	Goa	2.07	4.14	2.00	2.08	3.96	1.90	2.10	3.98	1.90	2.12	4.00	1.89	2.09	3.54	1.69
14	Odisha				0.64	1.60	2.49	0.64	1.60	2.50	0.73	1.62	2.22	0.73	1.64	2.23
15	Nagaland	0.35	0.16	0.45	0.23	1.35	5.83	0.24	1.37	5.82	0.21	1.33	6.32	0.97	1.63	1.69
16	Manipur										0.15	0.14	0.95	0.15	0.15	0.98
17	Puducherry	0.05	0.08	1.50	0.04	0.06	1.51	0.05	0.08	1.50	0.04	0.07	1.50	0.05	0.07	1.53
	All India	849.33	1666.11	1.96	938.16	1368.94	1.46	949.40	1410.97	1.49	1040.27	1491.23	1.43	1106.29	1529.20	1.38
Source: Horticulture Statistics Unit, DA&FW																

Annexure-II															
Statement Annexed to part (c) of Lok Sabha Unstarred Question No. 2678 due for answer on 4th August, 2026 regarding 'Production and Productivity of Arecanut'															
District-wise Area, Production and Productivity of Arecanut in Karnataka															
[Area (A) in '000 Ha, Production (P) in '000 MT, Productivity (Pdty) in MT/Ha]															
Districts	2021-22			2022-23			2023-24			2024-25			2025-26 (Second Advance Estimates)		
	A	P	Pdty	A	P	Pdty	A	P	Pdty	A	P	Pdty	A	P	Pdty
Bagalkote	0.002	0.004	2.000	0.001	0.001	1.000	0.008	0.013	1.625	0.005	0.006	1.200	0.017	0.034	2.000
Bangalore Urban	0.836	1.870	2.237	0.901	1.288	1.430	0.788	1.126	1.429	0.917	1.815	1.979	0.856	1.498	1.750
Bangalore Rural	3.451	7.719	2.237	4.028	7.613	1.890	4.593	8.267	1.800	4.638	8.812	1.900	4.576	5.720	1.250
Belgaum	0.022	0.048	2.182	0.038	0.074	1.947	0.045	0.090	2.000	0.051	0.080	1.569	0.075	0.112	1.493
Bellary	2.036	4.556	2.238	0.134	0.161	1.201	0.207	0.259	1.251	0.643	1.209	1.880	0.335	0.168	0.501
Bijapur										0.003	0.004	1.333			
Vijayapura				0.001	0.001	1.000	0.002	0.003	1.500				0.001	0.001	1.000
Chamarajanagar	0.991	2.219	2.239	1.332	1.665	1.250	1.195	1.494	1.250	1.878	2.781	1.481	2.026	3.038	1.500
Chickballapur	0.618	1.383	2.238	0.746	1.141	1.529	0.758	1.159	1.529	1.090	2.181	2.001	1.173	1.806	1.540
Chikmagalore	75.912	92.385	1.217	83.867	133.349	1.590	83.232	120.686	1.450	100.134	127.170	1.270	100.440	167.734	1.670
Chitradurga	42.883	92.927	2.167	52.615	87.341	1.660	59.904	107.827	1.800	69.597	128.059	1.840	78.724	125.958	1.600
Dakshin Kannada	101.689	274.560	2.700	107.476	145.092	1.350	97.210	130.261	1.340	100.065	134.087	1.340	107.900	141.349	1.310
Davangare	75.260	178.291	2.369	83.088	139.588	1.680	86.309	122.559	1.420	102.689	171.491	1.670	109.673	183.153	1.670
Dharwad	0.156	0.349	2.237	0.185	0.300	1.622	0.225	0.331	1.471	0.331	0.394	1.190	0.427	0.404	0.946
Gadag	0.038	0.085	2.237	0.145	0.181	1.248	0.221	0.301	1.362	0.257	0.385	1.498	0.173	0.453	2.618
Kalburgi													0.0004	0.001	1.256
Hassan	14.207	32.676	2.300	15.875	20.479	1.290	15.659	20.357	1.300	16.977	20.372	1.200	22.134	27.668	1.250
Haveri	12.355	27.638	2.237	16.587	28.862	1.740	17.859	22.324	1.250	21.879	27.348	1.250	25.532	40.885	1.601
Kodagu	25.708	43.936	1.709	28.861	47.332	1.640	15.600	24.492	1.570	19.211	31.313	1.630	21.457	34.515	1.609
Kolar	0.012	0.026	2.167	0.015	0.015	1.000	0.022	0.041	1.864	0.038	0.038	1.000	0.069	0.069	1.000
Koppal	0.004	0.009	2.250	0.011	0.011	1.000	0.018	0.024	1.333	0.030	0.039	1.300	0.035	0.044	1.257
Mandya	2.981	6.669	2.237	4.359	5.013	1.150	3.730	4.774	1.280	4.485	5.068	1.130	4.414	5.738	1.300
Mysore	3.935	8.802	2.237	5.800	7.540	1.300	5.405	7.134	1.320	5.294	6.988	1.320	5.969	8.953	1.500
Ramanagaram	3.278	7.333	2.237	3.760	3.798	1.010	3.040	3.892	1.280	4.469	7.061	1.580	4.927	6.307	1.280
Shimoga	111.758	237.710	2.127	118.836	152.110	1.280	125.454	198.221	1.580	134.672	183.154	1.360	134.692	149.593	1.111
Tumkur	69.083	160.480	2.323	85.972	108.325	1.260	92.153	117.955	1.280	85.480	95.737	1.120	101.665	117.377	1.155
Udupi	23.207	72.430	3.121	23.052	39.188	1.700	24.402	41.484	1.700	24.137	41.033	1.700	26.573	39.859	1.500
Uttara Kannada	32.698	94.823	2.900	34.515	89.393	2.590	35.722	92.519	2.590	37.003	93.988	2.540	39.354	59.031	1.500
Vijayanagara							3.183	4.425	1.390	5.206	7.136	1.371	5.460	10.921	2.000
Yadgir	0.001	0.002	2.000	2.610	4.256	1.631	0.004	0.005	1.250	0.001	0.001	1.000			
Karnataka State Total	603.121	1348.930	2.237	674.810	1024.117	1.518	676.948	1032.023	1.525	741.180	1097.750	1.481	798.677	1132.389	1.418
Source: Directorate of Arecanut and Spices Development (DASD), DA&FW															
