

GOVERNMENT OF INDIA
MINISTRY OF FISHERIES, ANIMAL HUSBANDRY AND DAIRYING
DEPARTMENT OF FISHERIES

LOK SABHA

UNSTARRED QUESTION No. 1456
TO BE ANSWERED ON 9TH DECEMBER, 2025

Seaweed Cultivation and Parks

1456. Shri Tangella Uday Srinivas:

Will the Minister of **FISHERIES, ANIMAL HUSBANDRY AND DAIRYING** be pleased to state:

- (a) the total area surveyed, mapped and found suitable for seaweed cultivation in the country, State-wise;
- (b) the area currently under active cultivation during the last five years, year and State-wise;
- (c) the number of coastal villages, SHGs, women groups and individual farmers engaged in seaweed cultivation, including the details of species cultivated, production volumes and value of output, State-wise;
- (d) the details and the current status of the Multipurpose Seaweed Park approved in Tamil Nadu including project components, total cost, funds sanctioned, released and utilised, timeline of completion and the reasons for delays, if any;
- (e) whether the Government proposes to set up additional Seaweed Parks under Pradhan Mantri Matsya Sampada Yojana (PMMSY) or any other scheme, if so, the States shortlisted, criteria used, DPR status and the time by which it is likely to be implemented; and
- (f) whether the Government have any proposals from other coastal States including Andhra Pradesh are pending for approval, if so, the details thereof?

ANSWER

MINISTER FOR FISHERIES, ANIMAL HUSBANDRY AND DAIRYING
(SHRI RAJIV RANJAN SINGH ALIAS LALAN SINGH)

(a): India with coastline of 11,099 km has immense potential for seaweed cultivation. The site identification and mapping are carried out by research institutes namely ICAR–Central Marine Fisheries Research Institute (CMFRI) and CSIR–Central Salt and Marine Chemicals Research Institute (CSMCRI). It is informed that as on date total of 384 potential sites covering 24707 ha area have been identified for seaweed cultivation across the Coastal States/UTs. The detailed State-wise area identified by CMFRI and CSMCRI are at **Annexure-I**.

(b): The major leading State with significant seaweed production is Tamil Nadu. As reported by Government of Tamil Nadu and ICAR-CMFRI, the area currently under active cultivation during the last five years, year and State-wise is at **Annexure-II**. In addition, under the Pradhan Mantri Matsya Sampada Yojana (PMMSY) implemented by the Department of Fisheries, GoI, promotion of seaweed cultivation is one of the focus areas. Under the PMMSY, during last 5 years (2020-25) the projects worth ₹195.00 crore have been approved towards seaweed cultivation and its allied activities. This included installation of seaweed rafts and monoline in the Coastal States/UTs, establishment of a Multipurpose Seaweed Park in Tamil Nadu and seaweed seed bank in U.T. of Dadra Nagar Haveli and Daman & Diu, pilot projects on seaweed to R&D Institutes and Coastal States/UTs to facilitate feasibility studies, training and capacity building.

(c): The main species cultivated are *Kappaphycus alvarezii* and *Gracilaria edulis*. As reported by Government of Tamil Nadu, ICAR-CMFRI and CSIR-CSMCRI, currently there are about 503 coastal villages covering about 7698 members under various SHGs, Women groups and as individual farmers engaged in seaweed cultivation leading to country's seaweed production of 74,083 tonnes in 2024. The State-wise details of Nos. of villages, members involved in seaweed cultivation is at **Annexure-III**.

Further, the PMMSY encourages participation of women and youth through Self Help Groups/cooperatives in seaweed cultivation to enhance the livelihood and family income in all potential coastal States/UTs. As on date, the Department of Fisheries, GoI has accorded approvals to the proposals of Government of Andhra Pradesh, Tamil Nadu, Maharashtra, Karnataka, Gujarat, UT of Lakshadweep, UT of Andaman & Nicobar Islands and UT of Dadra Nagar Haveli and Daman Diu for seaweed cultivation.

(d): The Multipurpose Seaweed Park has been sanctioned in Tamil Nadu at a total project cost of ₹127.71 crore to support large-scale seaweed cultivation, processing, and value addition. The project comprises of a Hub-I facility at Valamavur in Ramanathapuram District for seaweed seed multiplication, a Hub-II facility at Manganur in Pudukottai District for processing and value-added product development, and a spoke-level infrastructure in seaweed farming villages across Thoothukudi, Ramanathapuram, Pudukottai, and Thanjavur districts. The Government of Tamil Nadu has informed that approximately 50% of the civil works have been completed, with an expenditure of ₹31.28 crore incurred to date. The remaining works are underway, and the facilities are expected to be completed by January 2026 for Hub-I and July 2026 for Hub-II.

(e)&(f): Under PMMSY, proposal along with Detailed Project Report and requisite documents are submitted by the respective States/UTs. There is no such proposal pending in this Department for setting up of additional Seaweed Parks. It is further informed that proposal of Integrated Aquapark approved for Government of Andhra Pradesh during FY 2022-2023 under PMMSY already includes a sub component for establishment of Seaweed Park.

Annexure-I

Statement referred in the part (a) of the Lok Sabha Unstarred Question No. 1456 for answer on 9th December, 2025 regarding 'Seaweed Cultivation and Park'.

Sl. No.	State/UT	CMFRI	CSMCRI	Total Area
		Area (in hectares)	Area (in hectares)	
1	Andaman And Nicobar Islands	-	16.5	16.5
2	Andhra Pradesh	1332	23	1355
3	Diu	404.47	-	404.47
4	Goa	119.19	8.76	127.95
5	Gujarat	10582.13	122	10704.13
6	Karnataka	1273.38	6.67	1280.05
7	Kerala	79.67	7.86	87.53
8	Lakshadweep	212.8	-	217.8
9	Maharashtra	2715.9	155.41	2871.31
10	Odisha	1483.76	-	1483.76
11	Puducherry	382.53	-	382.53
12	Tamil Nadu	5217.24	115	5332.24
13	West Bengal	448.84	-	448.84
	Total	24,251.90	455.2	24707.11

Annexure-II

Statement referred in the part (b) of the Lok Sabha Unstarred Question No. 1456 for answer on 9th December, 2025 regarding 'Seaweed Cultivation and Park'.

Year	Area (in Ha)				
	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025
Tamil Nadu	69.26	87.96	99.94	104.18	107.93
Maharashtra	-	0.12	0.21	0.12	-
Gujarat	-	1.41	2.32	3.94	5.86
Odisha	0.40	0.20	-	-	-
Andhra Pradesh		1.01	1.01	1.01	1.01
Karnataka	0.04	0.04	0.04	-	-
Lakshadweep	0.0016	0.020	0.028	0.008	0.008

Annexure-III

Statement referred in the part (c) of the Lok Sabha Unstarred Question No. 1456 for answer on 9th December, 2025 regarding 'Seaweed Cultivation and Park'.

Year	Number of coastal villages reported	Active members
Tamil Nadu	475	7230
Gujarat	21	378
Andhra Pradesh	5	50
Lakshadweep	2	40
