

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

LOK SABHA
UNSTARRED QUESTION NO. 295
TO BE ANSWERED ON THE 22ND JULY, 2025

KEY FEATURES OF SOIL HEALTH CARD SCHEME

295. SHRI C N ANNADURAI:
SHRI SELVAM G:
SHRI NAVASKANI K:

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

- (a) the details of key features & objectives of the Soil Health Card (SHC) Scheme, including frequency of soil testing, parameters analyzed and the mode of delivery of advisory to farmers;
- (b) whether the scheme helps in promoting judicious use of fertilizers, improving crop productivity and reducing input costs, if so, the details thereof;
- (c) the details of total number of Soil Health Cards issued to farmers in the State of Tamil Nadu since the launch of the scheme, year-wise and district-wise;
- (d) the financial allocation made under the SHC Scheme for Tamil Nadu since its inception;
- (e) the number and type of soil testing laboratories currently operational in Tamil Nadu, including Static labs, mobile soil testing vans and mini-labs installed at Krishi Vigyan Kendras(KVKs), Agricultural Universities or Block-level offices; and
- (f) whether Government proposes to upgrade the existing soil testing infrastructure or integrate it with other digital agriculture platforms for seamless service delivery and if so, details thereof?

ANSWER

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

(a) to (c): Soil Health & Fertility Scheme is being implemented since 2014-15 to provide Soil Health Cards (SHCs) for all farm holdings, to promote balanced and integrated nutrient management for improving productivity and soil fertility management. Soil samples are processed as per standard procedures and analyzed for parameters such as pH, Electrical Conductivity, Organic Carbon, available Nitrogen, Phosphorus, Potassium, Sulphur, and micro-nutrients (Zinc, Copper, Iron, Manganese & Boron). The

diagnostic soil health assessment of farmer fields are taken up periodically so as to issue SHCs at least once in 3 years. SHCs are issued to farmers that provide information on nutrient status of soil and recommendations on judicious dosage and type of fertilizers for improving soil health & its fertility, crop productivity and reducing input cost. Since 2014-15, 1,52,51,840 SHCs have been generated/distributed till date across the State of Tamil Nadu. The year-wise and district-wise SHCs issued to farmers in the State of Tamil Nadu from 2022-23 to 2025-26 as per SHC Portal (as on 16.07.2025) are given at **Annexure-I**.

(d): The financial allocation of Rs.127.19 crore has been made under the Soil Health & Fertility Scheme for Tamil Nadu since inception of the scheme till date.

(e): The number of soil testing laboratories including Static labs, mobile soil testing vans and mini-labs; established in Tamil Nadu are as under:

S. No.	Type of soil testing laboratories	Numbers of soil testing laboratories
1	Static soil testing laboratories	37
2	Mobile soil testing laboratories	21
3	Village Level soil testing laboratories	1
4	Krishi Vigyan Kendras(KVKs) Mini Soil testing labs	31
5	Tamil Nadu State Agriculture University's Static Labs	12
6	School mini soil testing laboratories	29
	Total	131

As informed by State Government, all 131 soil testing laboratories are operational.

(f): Government has allowed upgradation of the existing soil testing infrastructure with Atomic Absorption Spectrometer (AAS)/ Inductively Coupled Plasma Spectrophotometer (ICP) under the scheme. Soil Lab registry has been created online on SHC Portal as digital integration. Test results are uploaded on SHC Portal to generate Soil Health card digitally.

Annexure-I

Year-wise and District-wise Soil Health Cards issued to farmers in the State of Tamil Nadu since inception of the scheme

S.No	District	2014-15	Cycle I (2015-16 and 2016- 17)	Cycle II (2017-18 and 2018- 19)	2019- 20	2022-23	2023-24	2024-25	2025-26 (As on 16.07.202 5)	Total
1	Ariyalur	8,000	110,109	120,886	1,146	2,220	4,001	7,350	1,601	255,313
2	Chengalpattu	-	-	-	-	3,690	7,299	9,350	556	20,895
3	Coimbatore	11,500	119,500	116,813	2,102	2,440	4,600	6,050	1,052	264,057
4	Cuddalore	10,000	320,493	310,644	1,247	7,240	13,800	20,250	2,910	686,584
5	Dharmapuri	9,000	210,300	210,300	1,048	2,290	4,900	10,100	1,359	449,297
6	Dindigul	8,000	245,053	249,291	1,938	2,890	6,167	10,050	1,629	525,018
7	Erode	12,600	193,779	199,121	1,617	1,940	4,200	8,774	2,916	424,947
8	Kallakurichi	-	-	-	-	4,740	8,402	12,400	1,144	26,686
9	Kancheepuram	10,000	141,729	213,656	1,056	3,040	5,500	7,100	1,239	383,320
10	Kanyakumari	9,500	172,333	237,482	2,040	1,090	1,900	3,050	2,671	430,066
11	Karur	12,210	150,433	147,121	2,185	1,390	2,898	6,700	3,089	326,026
12	Krishnagiri	12,900	257,080	243,205	1,098	2,840	6,300	11,450	1,918	536,791
13	Madurai	14,800	257,027	257,027	2,044	4,590	8,451	11,750	4,123	559,812
14	Mayiladuthurai	-	-	-	-	2,590	4,702	7,350	-	14,642
15	Nagapatinam	12,110	147,289	145,188	1,603	2,240	3,900	7,900	1,473	321,703
16	Namakkal	12,200	231,949	243,766	1,423	3,340	6,506	11,950	1,878	513,012
17	Perambalur	12,500	127,118	119,188	1,345	1,390	2,500	5,950	1,880	271,871
18	Pudukottai	11,500	342,435	330,797	2,594	4,940	9,800	14,300	2,152	718,518
19	Ramanathapuram	11,000	218,405	206,604	4,046	4,690	8,600	13,650	1,189	468,184
20	Ranipet	-	-	-	-	3,440	5,700	7,700	1,253	18,093
21	Salem	10,000	262,759	252,388	3,626	3,590	7,440	15,000	2,497	557,300
22	Sivagangai	7,000	356,489	352,416	1,876	4,640	8,798	12,700	1,868	745,787
23	Tenkasi	0	0	0	0	2,490	3,940	7,150	1,233	14,813
24	Thanjavur	9,700	298,434	289,745	1,833	6,790	11,800	20,700	3,789	642,791
25	The Nilgiris	6,000	71,561	70,300	984	330	612	670	649	151,106
26	Theni	6,000	153,724	137,573	1,418	1,940	2,623	4,354	750	308,382
27	Thiruppur	6,000	121,966	139,296	2,569	4,940	5,135	9,200	1,630	290,736
28	Thiruvallur	12,200	198,906	177,748	1,115	4,440	10,436	14,232	1,874	420,951
29	Thiruvannamalai	12,900	339,508	365,777	2,131	2,440	17,514	26,852	3,140	770,262
30	Thiruvarur	12,800	174,578	169,735	1,252	1,940	8,893	15,700	1,612	386,510
31	Thoothukudi	9,400	205,435	210,451	1,858	2,890	8,700	14,950	2,565	456,249
32	Tiruchirapalli	10,010	303,098	261,560	2,612	5,740	8,300	12,150	2,375	605,845
33	Tirunelveli	9,500	269,729	277,927	2,339	8,940	4,076	5,850	1,220	579,581
34	Tirupathur	-	-	-	-	4,640	4,000	6,050	274	14,964
35	Vellore	10,035	250,339	252,115	2,472	2,440	5,101	7,550	877	530,929
36	Villupuram	12,500	606,290	570,154	2,423	7,390	13,906	19,400	2,751	1,234,814
37	Virudhunagar	12,500	142,152	138,380	1,277	5,440	9,000	14,318	2,918	325,985
	Total	324,365	7,000,000	7,016,654	58,317	134,050	250,400	400,000	68,054	15,251,840
