

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

LOK SABHA
UNSTARRED QUESTION NO. 1581
TO BE ANSWERED ON THE 9th DECEMBER, 2025

SOIL HEALTH AND FERTILITY SCHEME

1581. SHRI GOVIND MAKTHAPPA KARJOL

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

- (a) the details of number of the soil test labs established in State of Karnataka, district-wise;
- (b) the details of the number of soil sample tested in the State of Karnataka during last five years and especially in Chitradurga Lok Sabha Constituency and output result obtained;
- (c) the details of the latest technology adopted for soil sample testing and for soil fertility;
- (d) the details of the funds spent on Soil Health and Fertility schemes in State of Karnataka during last 5 years; and
- (e) the details of the steps taken by the Ministry to improve the soil health and fertility in the State of Karnataka?

ANSWER

MINISTER OF STATE FOR AGRICULTURE AND FARMERS WELFARE

कृषि एवं किसान कल्याण राज्य मंत्री (SHRI RAMNATH THAKUR)

(a): 395 Soil Testing Laboratories (STLs) have been established in Karnataka. The district wise details of the STLs are at **Annexure**.

(b): During last five years (2020-21 to 2024-25), 11,15,363 soil samples were tested and Soil Health Cards (SHCs) generated in Karnataka. Out of these, 52, 540 soil samples were tested and SHCs generated in Chitradurga Lok Sabha Constituency.

(c): As per information furnished by the state government, the STLs have been strengthened with advanced infrastructure and equipments to improve the performance and enhance capacity of the soil testing. Advanced equipments like Atomic Absorption Spectrophotometer, Inductively Coupled Plasma Spectroscopy, Nitrogen analysers and Soil Testing kits have been provided. The Government has revamped the Soil Health Card portal integrated with a Geographic Information System (GIS) system for capturing soil sample collection and nutrient status on real time in Karnataka. Soil sample collection is carried out using State Mobile application “ Bhoosaara’ and test results are entered in state web application which is integrated with Soil Health Card Portal of Department of Agriculture and Farmers’ Welfare. Mobile application has auto selection of the latitude and longitude of the location, and test results of samples entered directly on the portal to ensure accuracy.

(d): Rs.31.76 crore (central share) and Rs.21.17 crore (state share) have been spent on Soil Health and Fertility schemes in State of Karnataka during last five years from 2020-21 to 2024-25 .

(e): Under the Organic Carbon Mission scheme, distribution of green manure seeds at 75% subsidy is provided to all the categories of farmers. Demonstrations in farmers' fields are conducted to create awareness on the importance of enriching organic carbon in soil. Under Food and Nutrition Security (FNS) programme, green manure seeds, biofertilizers and organic fertilizers are distributed to farmers at 50% subsidized rate. To promote cultivation of less fertilizer requiring millet crops, under "Raithasiri" scheme an incentive of Rs. 10000/ha (Maximum 2 ha) is provided to millet growing farmers based on crop survey through Direct Benefit Transfer. The Government is promoting the use of Fermented Organic Manure (FOM) as an alternative to chemical fertilizers to improve soil health. School soil health programme is implemented in 94 schools in the state to involve students in soil testing and sensitize them about the importance of soil health.

District-wise details of the Soil Testing Laboratories (STLs) established in Karnataka

S.N.	District	Agriculture department lab			Co-operatives /pvt KVK	Village level	Horticulture	Sericulture	SAUs/ KVKs	Total
		static	mobile	mini						
1	Bagalkote	1	-		-	7	-	-	3	11
2	Ballari	1	-	1	-	3	-	-	2	7
3	Bengaluru	1	-	1	-	1	1	1	3	8
4	Bengaluru	-	-	-	-	2	-	-	1	3
5	Belagavi	1	1		2	37	1	-	0	42
6	Bidar	1	-	-	-	3	1	-	2	7
7	Chamarajanag	1	-	-	-	5	-	-	1	7
8	Chikkamagalur	1	-	-	-	18	-	-	3	22
9	Chikkaballapur	1	-	-	-	5	-	-	0	6
10	Chitradurga	1	-	-	-	23	-	-	3	27
11	Dakshinakanna	1	-	-	-	4	-	-	0	5
12	Davanagere	1	-	-	-	8	1	-	1	11
13	Dharwad	1	-	-	-	3	-	-	4	8
14	Gadag	1	-	-	-	4	-	-	1	6
15	Hassan	1	-	-	-	5	-	-	2	8
16	Haveri	1	-	1	-	19	-	-	2	23
17	Kalburgi	1	-	1	-	18	-	-	3	23
18	Kodagu	1	-	-	-	3	-	-	1	5
19	Kolar	1	-	-	-	9	-	-	2	12
20	Koppal	1	-	-	-	3	1	-	3	8
21	Mandya	1	-	1	-	6	-	-	2	10
22	Mysuru	1	-	-	-	3	1	-	0	5
23	Raichur	1	-	-	-	3	-	-	4	8
24	Ramanagara	1	-	-	-	22	-	-	1	24
25	Shivamogga	1	-	-	-	21	1	-	3	26
26	Tumakur	1	-	1	-	5	-	-	1	8
27	Udupi	1	-	-	-	13	-	-	2	16
28	Uttarakannada	1	-	-	-	5	-	-	2	8
29	Vijayapura	1	-	-	1	17	-	-	3	22
30	Vijayanagara	1	-	-	-	-	-	-		1
31	Yadagiri	1	-	-	-	16	-	-	1	18
	Total	30	1	6	3	291	7	1	56	395
