

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

LOK SABHA
UNSTARRED QUESTION NO.1524
TO BE ANSWERED ON THE 26TH JULY, 2016

SOIL HEALTH CARDS

1524. SHRIMATI RAMA DEVI:
SHRI R. PARTHIPAN:
SHRI ANANTKUMAR HEGDE:
SHRI BHAGWANTH KHUBA:
SHRI MANSUKHBHAI DHANJIBHAI VASAVA:

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

- (a) the details of the steps taken by the Government to increase soil fertility indicating the technique adopted for the purpose, the funds spent for increasing soil fertility during the last three years and the extent to which the soil fertility has been increased;
- (b) the details of soil health cards issued to the farmers against the targets set in the country during the last two years and the current year, State-wise;
- (c) whether there has been marked improvement in the quality of soil since issuance of soil health cards in the country, if so, the details thereof, State/UT-wise;
- (d) the details of funds allocated and utilised for implementation of soil health cards scheme in the country during the said period; and
- (e) whether there is a paucity of funds for implementation of the scheme and if so, the details thereof and the corrective measures taken by the Government in this regard?

ANSWER

MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE AND FARMERS WELFARE

कृषि एवं किसान कल्याण मंत्रालय में राज्य मंत्री (SHRI PARSHOTTAM RUPALA)

- (a): The Government is implementing the following schemes to increase soil fertility and productivity:
- i) Soil Health Management (SHM)
 - ii) Soil Health Card (SHC)

Under the Soil Health Card (SHC) Scheme, soil health cards will be provided to all farm holdings in the country at the interval of two years so as to enable farmers to apply appropriate recommended dosages of nutrients for crop production and improving the soil health & its fertility.

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Under Soil Health Management (SHM), assistance provided to States for setting up/ strengthening soil testing labs, trainings and demonstrations on balanced use of fertilizers.

The funds released under both schemes during the last three years is given at Annexure-I.

(b): The scheme targets to distribute soil health cards (SHCs) to each of the 14 crore farmers once in every cycle of 2 years. As per the grid pattern adopted, a total number of 253 lakh number of soil samples are to be collected to generate the targeted number of SHCs. Since the launch of the scheme in February 2015, as many as 184.75 lakh number of samples have been collected and 227 lakh cards have been distributed to the farmers. The State-wise details are given at Annexure-II.

(c): Since the scheme has been launched in 2015, it is too early to assess the improvement in quality of soil.

(d) & (e): The details of funds allocated and released for implementation of soil health cards scheme are given at Annexure-III. There is no paucity of funds for implementation of the scheme.

Annexure-I**State-wise funds spent/released during the last three years under Soil Health Management and Soil Health Card Schemes****(Rs in lakh)**

Sl. No	State	2014-15		2015-16		2016-17		Total	
		SHM	SHC	SHM	SHC	SHM	SHC	SHM	SHC
1	Andhra Pr.	393.41	124.08	289.05	457.75	0	697.235	682.46	1279.07
2	Arunachal Pr.	62.38	12.23	0.00	17.18	0	0	62.38	29.41
3	Assam	182.37	50.85	102.33	142.07	0	0	284.70	192.92
4	Bihar	552.40	253.39	151.88	488.17	0	0	704.28	741.56
5	Chhattisgarh	122.00	66.04	225.00	281.03	0	342.715	347.00	689.79
6	Goa	189.85	11.51	0.00	12.42	0	0	189.85	23.93
7	Gujarat	100.80	80.76	0.00	603.46	0	528.69	100.80	1212.91
8	Haryana	0.00	34.13	0.00	288.22	0	0	0.00	322.35
9	Himachal Pr.	198.70	24.08	90.60	47.34	140.658	0	429.96	71.42
10	J & K	736.25	31.79	25.31	77.16	0	0	761.56	108.95
11	Jharkhand	0.00	50.69	16.88	53.97	0	64.175	16.88	168.84
12	Karnataka	50.40	127.02	292.50	650.26	0	1029.8	342.90	1807.08
13	Kerala	100.80	112.62	40.48	60.93	0	0	141.28	173.55
14	Madhya Pr.	560.00	142.86	0.00	888.05	0	1373.54	560.00	2404.45
15	Maharashtra	504.00	215.96	319.50	932.30	0	1215.065	823.50	2363.33
16	Manipur	0.00	12.80	0.00	17.58	0	0	0.00	30.38
17	Meghalaya	0.00	13.62	0.00	20.60	0	0	0.00	34.22
18	Mizoram	8.30	11.98	0.00	13.79	0	0	8.30	25.77
19	Nagaland	40.00	13.18	40.50	22.46	0	0	80.50	35.64
20	Odisha	151.20	80.23	196.88	269.89	0	304.48	348.08	654.60
21	Punjab	175.08	25.81	0.00	304.98	0	0	175.08	330.79
22	Rajasthan	0.00	143.42	771.30	875.79	0	1108.29	771.30	2127.50
23	Sikkim	611.75	11.75	15.00	10.83	0	0	626.75	22.58
24	Tamil Nadu	185.00	131.91	305.76	469.51	0	0	490.76	601.42
25	Telengana	369.85	93.48	167.50	352.92	208.8	468.25	746.15	914.65
26	Tripura	50.40	18.38	28.40	22.71	0	0	78.80	41.09
27	Uttar Pr.	678.85	354.47	838.13	1716.42	0	2442.045	1516.98	4512.94
28	Uttarakhand	0.00	23.40	19.75	65.19	0	0	19.75	88.59
29	West Bengal	374.61	117.14	478.13	480.13	0	0	852.74	597.27
30	FACT Kochi	0.00	0.00	24.02	0.00	0	0	24.02	0.00
	Total	6398.40	2389.58	4438.89	9643.11	349.46	9574.29	11186.74	21606.98

SHM- Soil Health Management Scheme

SHC – Soil Health Card Scheme

Annexure-II**State-wise status of Soil Samples Collected and Soil Health Cards (SHCs) issued/ distributed**

S. No.	State	Target for Soil Samples	No. of Samples Collected	Target for printing & distribution of SHC	No. of SHCs issued/ distributed
1	Andhra Pradesh	1348382	1197923	7455204	2224083
2	Arunachal Pradesh	20532	11642	113523	1392
3	Assam	278707	74700	1540968	19875
4	Bihar	1308778	692320	7236233	1511915
5	Chhattisgarh	703691	627156	3890709	753302
6	Goa	25000	21824	77459	19585
7	Gujarat	1589236	1579319	8786883	1366016
8	Haryana	788670	747301	4360555	113000
9	Himachal Pradesh	69635	71300	385011	214374
10	J & K	165318	76986	914044	88047
11	Jharkhand	115302	101791	637507	101649
12	Karnataka	1665765	952498	9210012	123256
13	Kerala	127585	84206	705420	72497
14	Madhya Pradesh	2313977	1971500	12793976	2115282
15	Maharashtra	2347121	2195000	12977232	3707000
16	Manipur	20713	3198	114522	1478
17	Meghalaya	27338	31920	151150	24913
18	Mizoram	11986	8897	66273	7666
19	Nagaland	33423	22445	184797	26900
20	Odisha	668635	478548	3696881	948632
21	Punjab	835526	418271	4619621	467689
22	Rajasthan	2308013	1839898	12761005	1444061
23	Sikkim	13217	13217	66085	27000
24	Tamil Nadu	1274536	1088029	7046911	2433269
25	Telangana	1034678	899398	5720737	2156198
26	Tripura	32736	12214	180998	11228
27	Uttarakhand	135738	104179	750494	314206
28	Uttar Pradesh	4770399	2613063	26391089	2244958
29	West Bengal	1300349	531480	7189629	160500
Union Territories					
30	Andaman & Nicobar	1405	1762	7799	0
31	Dadra & Nagar Haveli	2162	As per Road Map, Collection & Testing of Samples will be done after August 2016	12000	As per Road Map, Distribution of SHC will be done after August 2016
32	Puducherry	3530	2550	19594	0
33	Chandigarh	277	544	1532	0
Total		25342360	18475169	140065853	22699971

Note: Against 184.75 lakh samples, 1035 lakh SHCs will be distributed

State-wise and year-wise details of funds allocated and released under Soil Health Card scheme

(Rs in lakh)

Sl. No	State	2014-15		2015-16		2016-17	
		Funds sanctioned/ Allocation	Funds Released	Funds sanctioned/ Allocation	Funds Released	Funds sanctioned/ Allocation	Funds Released
1	Andhra Pr.	No Allocation was made during the year 2014-15.	393.41	461.15	289.05	750.35	0
2	Arunachal Pr.		62.38	12.65	0.00	30.97	0
3	Assam		182.37	197.72	102.33	364.02	0
4	Bihar		552.40	357.77	151.88	617.82	0
5	Chhattisgarh		122.00	323.16	225.00	620.21	0
6	Goa		189.85	5.92	0.00	44.92	0
7	Gujarat		100.80	656.59	0.00	1437.87	0
8	Haryana		0.00	244.57	0.00	369.26	0
9	Himachal Pr.		198.70	37.26	90.60	97.96	140.658
10	J & K		736.25	52.97	25.31	221.1	0
11	Jharkhand		0.00	73.36	16.88	158.38	0
12	Karnataka		50.40	753.41	292.50	1358.9	0
13	Kerala		100.80	87.23	40.48	312.92	0
14	Madhya Pr.		560.00	1032.52	0.00	1601.61	0
15	Maharashtra		504.00	1183.39	319.50	2573.4	0
16	Manipur		0.00	11.69	0.00	38.37	0
17	Meghalaya		0.00	17.54	0.00	129.71	0
18	Mizoram		8.30	7.14	0.00	12.5	0
19	Nagaland		40.00	22.44	40.50	119.96	0
20	Odisha		151.20	315.62	196.88	778.49	0
21	Punjab		175.08	269.59	0.00	650.07	0
22	Rajasthan		0.00	1239.83	771.30	1964.76	0
23	Sikkim		611.75	5.24	15.00	428.84	0
24	Tamil Nadu		185.00	346.76	305.76	600.53	0
25	Telengana		369.85	347.88	167.50	806.67	208.8
26	Tripura		50.40	17.41	28.40	36.39	0
27	Uttar Pr.		678.85	1124.04	838.13	2268.32	0
28	Uttarakhand		0.00	47.80	19.75	102.55	0
29	West Bengal		374.61	347.37	478.13	792.84	0
30	FACT Kochi		0.00	0.00	24.02	0	0
	Total		6398.40	9600.02	4438.89	19289.69	349.458
