

Sl. No.	State	No. of Soil Health Cards issued
19.	Jharkhand	134447
20.	Odisha	1306124
21.	West Bengal	1160000
V. NE Zone		
22.	Arunachal Pradesh	1392
23.	Assam	81787
24.	Manipur	3302
25.	Meghalaya	28674
26.	Mizoram	7666
27.	Nagaland	17700
28.	Sikkim	27000
29.	Tripura	22381
VI. Union Territories		
30.	Puducherry	30
TOTAL		34470093

Implementation of Soil Health Card Scheme

341. SHRI KAPIL SIBAL: Will the Minister of AGRICULTURE AND FARMERS WELFARE be pleased to state:

- the details of Soil Health Card Scheme started by the Government;
- the details of farmers benefited, along with the target planned for, till date, State/UT-wise;
- the time anticipated by Government to benefit all the farmers of the country from this scheme;
- the details of availability of soil testing labs;
- the details of the capacity of these labs for handling soil tests; and
- the plans for further augmentation of these soil testing labs in respect of facilities and capacity enhancement, the details thereof?

THE MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE AND FARMERS WELFARE (SHRI PARSHOTTAM RUPALA): (a) to (c) The Government has introduced Soil Health Card (SHC) Scheme with the aim to provide Soil

Health Cards to all 14 crore land holdings across the country once in a cycle of 2 years. Soil Health Cards provide farmers with recommendations on appropriate dosage of nutrients to be applied for cultivation of various crops along with soil amendments. Nationally agreed norms/standards of 10 hectares for rainfed areas and 2.5 hectare for irrigated areas will be the grid for soil sample collection. A total of around 2.53 crore samples will be collected and tested to generate 14 crore Soil Health Cards to individual farm land holdings. As on 15.11.2016, 212.96 lakh samples collected, 127.95 lakh samples tested and 344.70 lakh Soil Health Cards distributed to farmers in cycle 2015-16 to 2016-17. State/UT-wise detail is given in the Statement-I (*See* below).

(d) and (e) There are 1414 Soil Testing Labs available with an analyzing annual capacity of 195.27 lakh samples in the country. State/UT-wise detail is given in the Statement-II (*See* below).

(f) For further augmentation of these Soil Testing Labs, setting up of 460 new Soil Testing Labs (380 static+80 mobile) have been sanctioned under Soil Health Management Scheme during 2014-15 to 2016-17 (as on 16.11.2016). Apart from this 2296 Mini Soil Testing Labs are also sanctioned under the scheme during 2016-17.

Statement-I

State-wise status of Soil Health Card (SHC) Scheme as on 15.11.2016

Sl. No.	State/UT	Cumulative Target for Soil Samples during Cycle-I (2015-16 and 2016-17)	No. of Samples Collected	No. of Samples Tested	Cumulative Target for distribution of SHCs for Cycle-I (2015-16 and 2016-17)	No. of SHCs Distributed to farmers
1	2	3	4	5	6	7
1.	Andhra Pradesh	1348382	1207311	1095267	7455204	4355143
2.	Arunachal Pradesh	20532	14632	10202	113523	1392
3.	Assam	278707	103588	35055	1540968	81787
4.	Bihar	1308778	833799	501980	7236233	1635466
5.	Chhattisgarh	703691	630245	376994	3890709	1127545
6.	Goa	25000	25000	25000	77459	20372
7.	Gujarat	1589236	2005000	1377000	8786883	1366016
8.	Haryana	788670	761917	412729	4360555	299890
9.	Himachal Pradesh	69635	81323	80502	385011	339623
10.	Jammu and Kashmir	165318	80181	52374	914044	91763
11.	Jharkhand	115302	101812	67732	637507	134447

1	2	3	4	5	6	7
12.	Karnataka	1665765	1164221	926529	9210012	674128
13.	Kerala	127585	90151	91919	705420	117623
14.	Madhya Pradesh	2313977	2029382	872515	12793976	2776397
15.	Maharashtra	2347121	2386912	1685000	12977232	5781000
16.	Manipur	20713	8630	4199	114522	3302
17.	Meghalaya	27338	34399	29543	151150	28674
18.	Mizoram	11986	8551	7666	11986	7666
19.	Nagaland	33423	24995	20675	184797	17700
20.	Odisha	668635	562113	414535	3696881	1306124
21.	Punjab	835526	447047	248099	4619621	514928
22.	Rajasthan	2308013	2082942	716910	12761005	1930487
23.	Sikkim	13217	13217	13217	46000	27000
24.	Tamil Nadu	1274536	1193722	898706	7046911	3688746
25.	Telangana	1034678	1088957	739960	5720737	2266091
26.	Tripura	32736	24935	22381	180998	22381
27.	Uttarakhand	135738	110555	99380	750494	422471

28.	Uttar Pradesh	4770399	3630176	1525627	26391089	4271901
29.	West Bengal	1300349	543567	438746	7189629	1160000
Union Territories						
30.	Andaman and Nicobar Islands	1405	1870	1870	7799	0
31.	Chandigarh	277	544	0	1532	0
32.	Dadra and Nagar Haveli	2162	0	0	12000	0
33.	Puducherry	3530	4629	3640	19594	30
TOTAL		25342360	21296323	12795952	139991481	34470093

Statement-II*State-wise number of Soil Testing Labs and their capacity in the country*

Sl. No.	State	Number of STLs	Capacity per annum (no. of soil samples in lakh)
1	2	3	4
I. South Zone			
1.	Andhra Pradesh	95	4.83
2.	Karnataka	65	3.0566
3.	Kerala	28	2.38
4.	Tamil Nadu	49	58.0672
5.	Puducherry	2	0.04
6.	Telangana	3	0.3
TOTAL		242	68.6738
II. West Zone			
7.	Gujarat	141	14.32
8.	Madhya Pradesh	63	3.78
9.	Maharashtra	181	24.7135
10.	Rajasthan	114	10.86
11.	Chhattisgarh	22	1.95
12.	Goa	4	0.43
TOTAL		525	56.0535
III. North Zone			
13.	Haryana	40	3.65
14.	Punjab	71	6.315
15.	Uttarakhand	16	1.0654
16.	Uttar Pradesh	291	42.595
17.	Himachal Pradesh	21	1.85
18.	Jammu and Kashmir	24	1.62

1	2	3	4
19.	Delhi	1	0.05
TOTAL		464	57.1454
IV. East Zone			
20.	Bihar	45	2.9
21.	Jharkhand	8	0.4
22.	Odisha	33	3.6
23.	West Bengal	36	2.724
TOTAL		122	9.624
V. NE Zone			
24.	Assam	15	1.24
25.	Tripura	8	0.55
26.	Manipur	8	0.4
27.	Meghalaya	6	0.3
28.	Nagaland	4	0.55
29.	Arunachal Pradesh	8	0.09
30.	Sikkim	6	0.37
31.	Mizoram	6	0.27
SUB TOTAL		61	3.77
GRAND TOTAL		1414	195.2667

FDI in agriculture sector

342. SHRI KAPIL SIBAL: Will the Minister of AGRICULTURE AND FARMERS WELFARE be pleased to state:

(a) whether it is a fact that Foreign Direct Investment (FDI) in agriculture sector is restricted to few areas, if so, the details thereof in the last three years, area-wise;

(b) the details of actual realization of FDI in last two-three years along with the details thereof at the proposal stage; and

(c) whether Government is planning to include other agricultural areas under FDI cap, if so, the details thereof and if not, the reasons therefor?