

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

LOK SABHA
UNSTARRED QUESTION NO.2495
TO BE ANSWERED ON THE 3RD DECEMBER, 2019

SOIL FERTILITY

2495. SHRI RAMPRIT MANDAL:

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

- (a) the names of the States/UTs in which the agriculture land has been found to be facing the maximum challenges in terms of soil fertility;
- (b) the number of farmers in various States/UTs in the country including those in Bihar who have been given soil fertility cards; and
- (c) the number of soil testing laboratories set up in various States of the country including Bihar?

ANSWER

MINISTER OF AGRICULTURE AND FARMERS WELFARE

कृषि एवं किसान कल्याण मंत्री (SHRI NARENDRA SINGH TOMAR)

- (a): The names of States/ UTs in which the agriculture land has been found to be facing maximum challenges in terms of soil nutrient deficiency is given at **Annexure – I**.
- (b): The total number of farmers given soil health card is 1073.89 lakh and 1311.80 lakh during cycle – I (2015-17) and cycle- II (2017-19) respectively. This includes 64.69 lakh and 60.10 lakh cards given in Bihar during cycle- I and cycle – II respectively. The State/UT – wise number of farmers issued soil health cards in given at **Annexure – II**.
- (c): There are 7949 soil testing labs in the country including 1293 static labs, 165 mobile labs, 6337 mini labs and 154 village level labs. There are 47 labs in Bihar which includes 38 static labs and 9 mobile labs. The state- wise number of soil testing labs in given at **Annexure – III**.

Annexure – I

Statement indicating nutrient- wise States/UTs found facing challenge in terms of soil fertility.

Nutrients	Major States/UTs found deficient
Nitrogen	Andhra Pradesh, Chhattisgarh, Gujarat, Madhya Pradesh, Maharashtra, Tamil Nadu, Telangana, Uttar Pradesh, Puducherry, Andaman & Nicobar Island, Dadra & Nagar Haveli.
Phosphorous	Arunachal Pradesh, Assam, Haryana, Meghalaya, Mizoram, Daman & Diu, Delhi, Puducherry, Nagaland, Uttar Pradesh, Dadra & Nagar Haveli, Goa, Odisha.
Potassium	Arunachal Pradesh, Assam, Andaman & Nicobar Island, Meghalaya, Tripura.
Iron	Karnataka, Maharashtra, Manipur, Rajasthan.
Zinc	Arunachal Pradesh, Gujarat, Karnataka, Maharashtra.
Copper	Nagaland.
Sulphur	Andaman & Nicobar Island, Maharashtra, West Bengal.
Boron	Assam, Gujarat, Karnataka, Maharashtra, Tamil Nadu, West Bengal, Puducherry.

Source: Based on Soil Health Card Portal data provided by NIC

Annexure – II**Statement indicate State- wise number of farmers issued Soil Health Cards**

Sl. No.	States/UTs	Cycle-I (2015-17)	Cycle-II (2017-19)
1	Uttar Pradesh	16991346	35976000
2	Maharashtra	12977232	13067735
3	Madhya Pradesh	8872377	8907385
4	Rajasthan	6886000	11534294
5	Karnataka	7832189	7832189
6	Gujarat	5108923	8694936
7	Andhra Pradesh	7455204	6967162
8	Bihar	6469650	6010417
9	West Bengal	5040510	3947850
10	Tamil Nadu	7000000	6974843
11	Telangana	5720737	3471172
12	Punjab	1251726	1160568
13	Haryana	4227238	3371143
14	Chhattisgarh	3890709	4746670
15	Odisha	2374233	1363921
16	Kerala	763435	2251280
17	Goa	25000	12000
18	Uttarakhand	750494	882028
19	Himachal Pradesh	385011	960765
20	J & K	692062	1018051
21	Jharkhand	637507	255391
22	Arunachal Pradesh	20532	55
23	Assam	1300901	1300901
24	Manipur	114522	55550
25	Meghalaya	209561	236400
26	Mizoram	11986	14974
27	Nagaland	184797	12000
28	Sikkim	46000	21470
29	Tripura	117723	117723
30	Andaman & Nicobar	10000	8970
31	Dadra and Nagar Haveli	2222	0
32	Puducherry	19594	7074
Total		107389421	131180917

State-wise Soil Testing Labs (STLs)

S.No	States	Static STLs	Mobile STLs	Mini STLs	Village Level STLs	Total
1	A & N Island	1	0	0	0	1
2	Andhra Pradesh	47	13	1328	16	1404
3	Arunachal Pradesh	5	3	8	0	16
4	Assam	9	0	214	0	223
5	Bihar	38	9	0	0	47
6	Chhattisgarh	33	0	170	0	203
7	D & N Haveli	0	0	0	0	0
8	Goa	2	0	0	0	2
9	Gujarat	81	2	230	0	313
10	Haryana	35	2	50	47	134
11	Himachal Pradesh	11	10	69	0	90
12	J&K	22	12	0	0	34
13	Jharkhand	16	3	1300	0	1319
14	Karnataka	98	1	6	88	193
15	Kerala	15	13	152	0	180
16	Madhya Pradesh	91	10	626	0	727
17	Maharashtra	235	20	17	0	272
18	Manipur	4	3	0	0	7
19	Meghalaya	3	3	6	0	12
20	Mizoram	3	3	0	0	6
21	Nagaland	3	0	0	0	3
22	Odisha	27	12	0	0	39
23	Puducherry	2	0	0	0	2
24	Punjab	52	3	0	0	55
25	Rajasthan	101	12	0	0	113
26	Sikkim	3	0	0	0	3
27	Tamil Nadu	31	16	0	2	49
28	Telangana	40	4	2050	0	2094
29	Tripura	3	3	100	0	106
30	Uttar Pradesh	243	0	11	0	254
31	Uttarakhand	13	0	0	1	14
32	West Bengal	26	8	0	0	34
	Total	1293	165	6337	154	7949

