

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

UNSTARRED QUESTION NO. 248

TO BE ANSWERED ON THE 30TH NOVEMBER, 2021

SOIL HEALTH CARD SCHEME

248. SHRI GAUTHAM SIGAMANI PON:
SHRI ANURAG SHARMA:
SHRI SELVAM G:
SHRIMATI BHAVANA PUNDALIKRAO GAWALI:
SHRI DHANUSH M. KUMAR:
SHRI C.N. ANNADURAI:
SHRI GAJANAN KIRTIKAR:
SHRI ARVIND DHARMAPURI:

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

- (a) whether some positive results are being achieved in agricultural production after the introduction of the Soil Health Card Scheme and if so, the details thereof;
- (b) the challenges faced by the Government while implementing Soil Health Card Scheme;
- (c) whether the Government has assessed the performance of Soil Health Card Scheme and if so, the details thereof and the outcome of assessment;
- (d) whether Soil Health Card Scheme has been implemented in all parts of the country specially in Tamil Nadu, Maharashtra, Telangana and Uttar Pradesh; and
- (e) if so, the total number of farmers and the number of farmers who have been issued Soil Health Cards State/UT-wise especially in the States of Tamil Nadu, Maharashtra, Telangana and Uttar Pradesh?

ANSWER

MINISTER OF AGRICULTURE AND FARMERS WELFARE

कृषि एवं किसान कल्याण मंत्री (SHRI NARENDRA SINGH TOMAR)

(a) to (c): National Productivity Council (NPC) carried out a study on 'Soil Testing Infrastructure for Faster Delivery of Soil Health Card in India' in 2017. In the study it was found that application of fertilizer and micronutrients based on Soil Health Card (SHC) recommendations resulted in 8-10% of savings and overall increase in the yield of crops to the tune of 5-6% reported by adopting the SHC recommendations.

National Institute of Agricultural Extension Management (MANAGE), Hyderabad conducted an impact study of Soil Health Card (SHC) scheme (November 2017). The major findings were that there is some reduction in fertilizer use, especially Nitrogen and increase in bio-fertilizers and other micro-nutrients use. Overall, paddy farmers reduced use of urea by 9%, Di Ammonium Phosphate (DAP)/ Single Super Phosphate (SSP) by 7%, but increased use of Potassium by 20%. This is a healthy sign of moving towards balanced use of fertilizers.

The States have not reported any challenges faced by them while implementing the scheme.

(d) & (e): Soil Health Card Scheme has been implemented in all parts of the country including Tamil Nadu, Maharashtra, Telangana and Uttar Pradesh. The State/Union Territory (UT)-wise details of total number of farm holdings and number of Soil Health Cards issued in given at **Annexure**.

States/UTs-wise details of total number of farm holdings and number of Soil Health Cards issued

| Sl. No. | States/UTs | Total No. of farm holding | Soil Health Cards issued | | |
|--------------|--|---------------------------|--------------------------|--------------------|-----------------------------------|
| | | | Cycle-I (2015-17) | Cycle-II (2017-19) | Model Village Programme (2019-20) |
| 1 | Andaman & Nicobar | 11954 | 10000 | 9540 | 1007 |
| 2 | Andhra Pradesh | 8523910 | 7455204 | 6967162 | 226487 |
| 3 | Arunachal Pradesh | 113253 | 20532 | 22128 | 225 |
| 4 | Assam | 2741711 | 1300901 | 1300901 | 66218 |
| 5 | Bihar | 16412893 | 6469650 | 6277942 | 123866 |
| 6 | Chhattisgarh | 4010772 | 3890709 | 4746670 | 59302 |
| 7 | Dadra and Nagar Haveli and Daman & Diu | 23088 | 2222 | 12994 | 0 |
| 8 | Goa | 74563 | 25000 | 16743 | 2938 |
| 9 | Gujarat | 5320626 | 5108923 | 8694942 | 63591 |
| 10 | Haryana | 1628015 | 4227238 | 4143900 | 25235 |
| 11 | Himachal Pradesh | 996809 | 385011 | 960765 | 19671 |
| 12 | J & K | 1416509 | 692062 | 1018051 | 70246 |
| 13 | Jharkhand | 2802946 | 637507 | 641828 | 58572 |
| 14 | Karnataka | 8680739 | 7832189 | 7832189 | 65034 |
| 15 | Kerala | 7583496 | 763435 | 2209717 | 80045 |
| 16 | Madhya Pradesh | 10003135 | 8872377 | 8907385 | 127585 |
| 17 | Maharashtra | 15285439 | 13146000 | 13053000 | 201837 |
| 18 | Manipur | 150484 | 114522 | 114522 | 10010 |
| 19 | Meghalaya | 232397 | 209561 | 246879 | 3243 |
| 20 | Mizoram | 89774 | 11986 | 16458 | 2119 |
| 21 | Nagaland | 196532 | 184797 | 12000 | 27304 |
| 22 | Odisha | 4865850 | 2374233 | 2053734 | 162405 |
| 23 | Puducherry | 33840 | 19594 | 12089 | 2508 |
| 24 | Punjab | 1092713 | 1251726 | 1160568 | 17793 |
| 25 | Rajasthan | 7654616 | 6886000 | 11860699 | 86341 |
| 26 | Sikkim | 71532 | 46000 | 66000 | 2936 |
| 27 | Tamil Nadu | 7937947 | 6767000 | 7016654 | 58317 |
| 28 | Telangana | 5947735 | 5720737 | 4842509 | 110664 |
| 29 | Tripura | 573194 | 117723 | 117723 | 15602 |
| 30 | Uttar Pradesh | 23821625 | 17014573 | 20354551 | 255517 |
| 31 | Uttarakhand | 881305 | 750494 | 882797 | 13645 |
| 32 | West Bengal | 7242732 | 5040510 | 4200000 | 4520 |
| Total | | 146422134 | 107348416 | 119773040 | 1964783 |

Source: Total No. of farm holdings-Agriculture Census 2015-16
