

National Mission on management of Soil Health & Fertility (NMSH&F):

- **The main aim** of the scheme was to encourage balance & judicious use of fertilizers in conjunction with organic and bio-fertilisers based on soil testing to maintain soil health & Productivity. This scheme has sub-components like, setting up/ strengthening of Soil Testing, Fertilizers/ Bio-fertilizers & Organic fertilizers Quality Control Labs, promoting Micro-nutrients, and testing soil samples to issue Soil Health Cards.
- **The Soil Health Cards (SHCs)** introduced in the year 2014-15 to assist State Governments to issue need based soil health cards to the farmers in the country, so as to provide a basis to address nutrient deficiencies in fertilization practices.
- The Soil Health Card provides farmers with valuable information about the nutrient status of their soil along with recommendation on appropriate dosage of nutrients to be applied to enhance soil health, fertility and productivity. Besides, soil health, it also provides an advisory on soil test based use of fertilizers and amendments.
- The existing SHC portal has been revamped & integrated with GIS system
- The Soil Health Card Portal (www.soilhealth.dac.gov.in) provides facilitates for generation of Soil Health Cards for the benefit of farmers in uniform and standardized format across country in all major languages. The Soil Health Card contains status of the soil with respect to 12 parameters, namely N,P,K, S (Macro-nutrients); Zn, Fe, Cu, Mn, Bo (Micro - nutrients) ; and pH (Acidity or Basicity), EC (Electrical Conductivity) and OC (Organic Carbon).
- Introduction of SHC Mobile application with QR Code for soil sample collection both offline and online from 2023 onwards.
- To support augmentation and strengthening of soil testing facilities To provide support to School Soil Health Programme
- To provide support to RAWE Programme for Agriculture Graduate:

Scheme Implementation: CSS- Funding pattern with 60:40 ratio.

Year wise soil samples collected, tested and SHCs distributed :

Year	No. of soil samples collected, tested (Lakh Nos)	SHCs distributed (lakh Nos)
2015-2019	31.93	135.92
2023-24	2.52	2.52
2024-25	4.50	4.47

- 2025-26: Target of 6.00 lakh soil samples is proposed for collection and testing and generation of SHCs duly covering 10778 RSK villages in 26 districts in the state for the year 2025-26. Collection of soil samples should be completed by 31st May 2025. Awareness on collection of soil samples is going on.
- Special drive on Soil sample collection commenced from 15th April 2025 and targeted to complete the collection and sending of collected soil samples to the concerned STLs by May 31st 2025 with financial assistance of Rs.1800.00 lakhs.

DISTRICT WISE SOIL SAMPLE TARGETS AND ALLOTTED SOIL TESTING LABS FOR THE YEAR 2025-26					
S. No	District	Soil Samples Target	Allotted to STLs	Mapped STL for Registration and Data uploading	Allotted STL for soil testing
1	Srikakulam	36520	36520	STL Amudalavalasa	STL Amudalavalasa
2	Vizianagarm	28392	28392	STL Vijayanagaram	STL Vijayanagaram
3	Parvathipuram Manyam	17035	17035	AMC STL Parvathipuram	AMC STL Parvathipuram
4	Alluri Seetharama Raju	10967	10967	AMC STL Paderu	AMC STL Paderu
5	Visakhapatnam	3161	3161	MSTL Visakhapatnam	MSTL Visakhapatnam
6	Anakapalli	25052	25052	STL Anakapalli	STL Anakapalli
8	Kakinada	23047	23047	STL Samarlakota	STL Samarlakota
9	Konaseema	25330	25330	AMC STL Ambajipeta	AMC STL Ambajipeta
7	East Godavari	20431	20431	AMC STL Rajamahendravaram	AMC STL Rajamahendravaram
10	West Godavari	21656	21656	STL Tadepalligudem	STL Tadepalligudem
11	Eluru	30062	30062	AMC STL Nuzveedu	AMC STL Nuziveedu
12	Krishna	21711	21711	AMC STL Gudiwada	AMC STL Gudiwada
13	NTR	14864	14864	STL Gollapudi	STL Gollapudi
14	Guntur	13862	13862	STL Guntur	STL Guntur
15	Palnadu	23437	23437	AMC STL Narasaraopet	AMC STL Narasaraopet
16	Bapatla			RSTL Bapatla	RSTL Bapatla
		22825	22825	MSTL Bapatla	MSTL Bapatla
17	Prakasam	34293	34293	STL Ongole	STL Ongole
18	SPSR Nellore	31231	31231	STL Nellore	STL Nellore
19	Chittoor	27946	27946	AMC STL Chittoor	AMC STL Chittoor
20	Tirupati	24773	24773	STL Tirupati	STL Tirupati
21	YSR Kadapa	24049	12024	MSTL Kadapa	MSTL Kadapa
			12025	STL Kadapa	STL kadapa
22	Annamayya	22268	22268	AMC STL Royachoti	AMC STL Royachoti
23	Kurnool	25942	12971	STL Yemmiganur	STL Yemmiganur
			12971	AMC STL Kurnool	AMC STL Kurnool
24	Nandyal	22880	22880	AMC STL Nandyal	AMC STL Nandyal
25	Ananthapuram	25107	25107	STL Anantapuramu	STL Anantapuramu
26	Sri Satya Sai	23159	23159	AMC STL Penugonda	AMC STL Penugonda
	Total	600000	600000		

- **School Soil Health Programme (SSHP):** Objective - “Children have to be made aware of the Soil Health so that they can become the brand ambassadors and spread the message to the stakeholders-especially farmers”.
- **SSHP-2023-24:** Model Pilot project under SSHP was organized during 2023-24 at KVS Tenali division, 50 soil samples were collected, tested, SHCs generated, Gramasabha conducted, and Student & farmer Voice record were recorded by SLUSI, Hyderabad.

- 59 schools (8 KVS, 13 JNVS and 28 EMRS & 10 State govt schools) selected by GOI under SSHP. Awareness and trainings on collection of soil samples & testing, generation and distribution of SHCs has successfully completed During 2024-25.

SSHP 2025-26: Total 60 schools planned for training to teachers and students on collection of soil samples through ATMA and Agrl Extn staff. Total 3000 Soil sample target allotted for 60 schools @ 50 samples per school. Planned for supply of reagents through firm to the 60 schools for analysis of soil samples by students as implemented SSHP during 2024-25, as same as for implementation of the SSHP for the year 2025-26 also.

S. No	Name of the School	No. of schools under SSHP	Soil sample Target, @ 50 spls / school	No. of samples collected, Tested & generated	Remarks
1	KVS	9	450	450	100% achieved
2	JNV	13	650	650	
3	EMRS	28	1400	1400	
4	State Govt. Schools	10	500	500	
	Total	60	3000	3000	

Expected Outcome and Interventions:

The Scheme envisages the need based Soil Samples Collection, Testing & Soil Health Cards generation of SHC Portal to promote Soil Health Management. It will promote balanced and judicious use of plant nutrients. Promotion of integrated nutrient system is expected to reduce the consumption of chemical fertilizers. The demand for organic sources of plant nutrient like bio-fertilizers, organic manure, vermi-compost, slow release nitrogenous fertilizer like Neem/Sulphur coated urea will increase, which in turn improve the soil fertility as well as nutrient use efficiency.

Interventions proposed for the Scheme includes development of modalities for soil sample collection along with standard sampling norms, quality control in the soil analysis, intensive use of ICT for data base management for faster delivery of Soil Health Cards and popularizing soil test based INM through field demonstrations, training & knowledge sharing on farmer's field.