



UNNAT BHARAT ABHIYAN CELL



Sardar Vallabhbhai National Institute of Technology, Surat

Presentation on Soil Health Card



Presentation created by

- Team Saathi (Government Schemes Implementation), UBA Cell, SVNIT, Surat
- **Source:** Soil Health Card Website
- **Link:** <https://soilhealth.dac.gov.in/>



ABOUT SOIL HEALTH CARD

- Hon'ble Prime Minister Shri Narendra Modi has launched PMFBY on 19th February, 2015
- **Aim of Soil Health Card :**
 1. SHM aims at promoting **Integrated Nutrient Management (INM)** through judicious use of chemical fertilisers including secondary and micro nutrients in conjunction with organic manures and bio-fertilisers for improving soil health and its productivity
 2. Strengthening of soil and fertiliser testing facilities to provide soil test based recommendations to farmers for improving soil fertility
 3. Ensuring quality control requirements of fertilisers, bio-fertilisers and organic fertilisers under Fertiliser Control Order, 1985
 4. Up gradation of skill and knowledge of soil testing laboratory staff, extension staff and farmers through training and demonstrations
 5. Promoting organic farming practices etc.

➤ **The Mission Coordinator: Ministry of Agriculture & Farmers Welfare, Government of India**



WHAT IS SOIL HEALTH CARD (SHC) ?

Swasth Dhara, Khet Haraa

- A SHC is meant to give each farmer soil nutrient status of his holding and advice him on the dosage of fertilizers and also the needed soil amendments, that he should apply to maintain soil health in the long run.
- SHC is a printed report that a farmer will be handed over for each of his holdings. It will contain the status of his soil with respect to **12 parameters**, namely N,P,K (Macro-nutrients) ; S (Secondary- nutrient) ; Zn, Fe, Cu, Mn, Bo (Micro - nutrients) ; and pH, EC, OC (Physical parameters). Based on this, the SHC will also indicate fertilizer recommendations and soil amendment required for the farm.



HOW CAN FARMER USE SHC ?

- The card will contain an advisory based on the soil nutrient status of a farmer's holding.
- **It will show recommendations on dosage of different nutrients needed. Further, it will advise the farmer on the fertilizers and their quantities he should apply, and also the soil amendments that he should undertake, so as to realize optimal yields.**
- It will be made available once in a cycle of 3 years, which will indicate the status of soil health of a farmer's holding for that particular period. The SHC given in the next cycle of 3 years will be able to record the changes in the soil health for that subsequent period.



SOIL SAMPLING PROCEDURE

Norms of sampling:

- Soil samples will be drawn in a grid of 2.5 ha in irrigated area and 10 ha in rain-fed area with the help of GPS tools and revenue maps.

Who will take the sampling:

- The State Government will collect samples through the staff of their Department of Agriculture or through the staff of an outsourced agency. The State Government may also involve the students of local Agriculture / Science Colleges.

Ideal Time for Sampling:

- Soil Samples are taken generally two times in a year, after harvesting of Rabi and Kharif Crop respectively or when there is no standing crop in the field.

HOW SOIL SAMPLES BE COLLECTED FROM FARMER'S FIELD:

- Soil Samples will be collected by a trained person from a depth of 15-20 cm by cutting the soil in a “V” shape.
- It will be collected from four corners and the centre of the field and mixed thoroughly and a part of this picked up as a sample. Areas with shade will be avoided.
- The sample chosen will be bagged and coded. It will then be transferred to soil test laboratory for analysis.

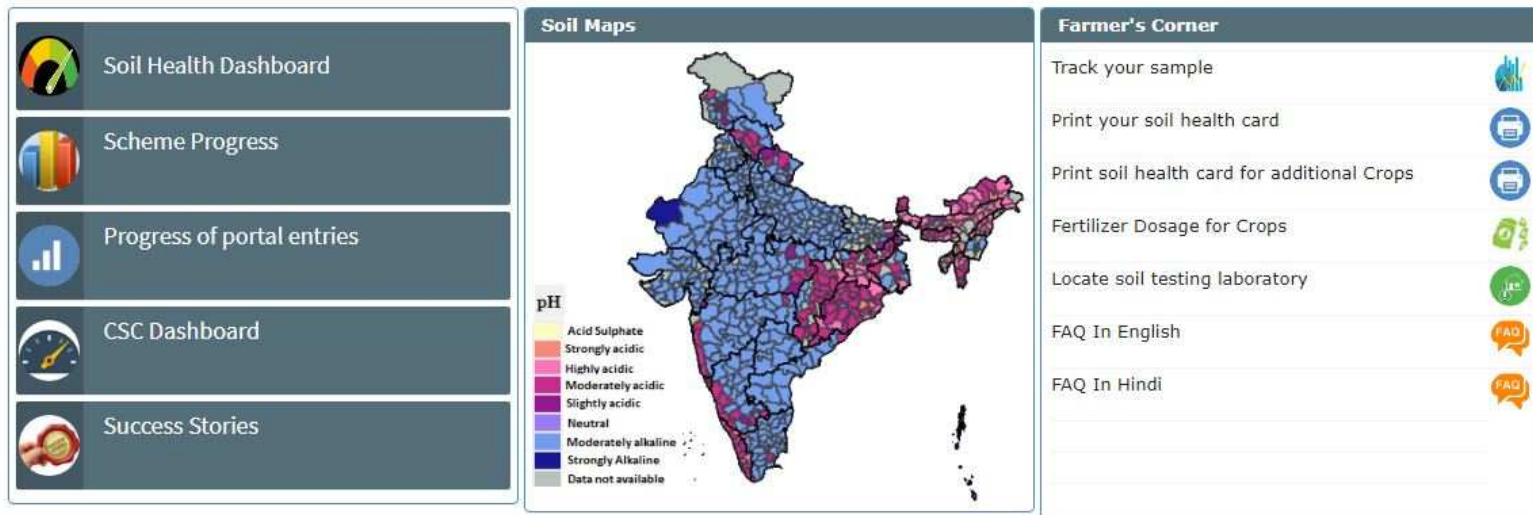


LOCATE SOIL TESTING LABORATORY

Step 1: Go to Soil Health Card Website

Step 2: Scroll down the website & Go to Locate soil testing laboratory

Step 3: Enter your State name, District name & Find the List of Soil Testing Laboratories available in Your District.



The screenshot displays the Soil Health Card website interface. On the left, there is a vertical navigation menu with the following options: Soil Health Dashboard, Scheme Progress, Progress of portal entries, CSC Dashboard, and Success Stories. The central section, titled 'Soil Maps', features a map of India color-coded by soil pH levels. A legend below the map identifies the following categories: Acid Sulphate (yellow), Strongly acidic (orange), Highly acidic (red), Moderately acidic (pink), Slightly acidic (light pink), Neutral (light blue), Moderately alkaline (blue), Strongly Alkaline (dark blue), and Data not available (grey). On the right, the 'Farmer's Corner' section lists several services: Track your sample, Print your soil health card, Print soil health card for additional Crops, Fertilizer Dosage for Crops, Locate soil testing laboratory, FAQ In English, and FAQ In Hindi. Each service is accompanied by a small icon.

Website Link: <https://soilhealth.dac.gov.in/>

Soil Testing Laboratories

State

Gujarat

District

Surat

View Report

View Map

Sl. No.	Lab Name	Address	Email	Ph.	Fax	Lab Type	Staff	Soil Equipment Name & Quantity
Gujarat								
Surat								
1	APMC SURAT	The Agricultural Produce Market Committee Sardar Market Puna Kumbhariya Road Surat	samirtechem@yahoo.in				0	
2	GUJARAT STATE SUGAR CO OPARATIVE, CHALTHAN SUGAR CO OPARATIVE,- CHALTHAN						0	
3	GUJARAT STATE SUGAR CO OPARATIVE, KHEDUT SUGAR CO OPARATIVE, PO:- SARADAR BAUG BABEN						0	
4	GUJARAT STATE SUGAR CO OPARATIVE, MADHI SUGAR CO OPARATIVE, MADHI						0	
5	GUJARAT STATE SUGAR CO						0	

Sample: List of Soil Testing Laboratories in Surat District, Gujarat State



ROLE OF UNNAT BHARAT ABHIYAN PARTICIPATING INSTITUTE

- **Step 1:** Visit and meeting with Agriculture officer and Soil Testing Laboratory and understand the Soil Health Card Scheme.
- **Step 2:** Conduct surveys and identify the need of Soil Health Card in UBA adopted villages.
- **Step 3:** Work with Gram Panchayat & Taluka Panchayat / District Panchayat Department for implementation of Soil Health Card scheme in adopted UBA Village cluster.



**For more details visit & meet with Soil Testing Laboratory Officer,
Gram Talati / Taluka Agriculture Officer @ Taluka (Block)
Panchayat / District Agriculture Officer, District Panchayat**

The details are also available in following document:

1. Annexure I FAQ_Final_English



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THANK YOU

UNNAT HO !!!

