

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

RAJYA SABHA
UNSTARRED QUESTION NO. 1478
ANSWERED ON 12/12/2025

ESTABLISHMENT OF DIGITAL SOIL HEALTH LABS IN ODISHA

1478. SHRI NIRANJAN BISHI:

Will the Minister of AGRICULTURE AND FARMERS WELFARE be pleased to state?

- (a) whether the Ministry will support the State of Odisha for establishing digital soil health labs for real-time nutrient management and crop advisory services; and
- (b) if so, the details thereof and if not, the reasons therefor?

ANSWER

THE MINISTER OF STATE FOR AGRICULTURE AND FARMERS WELFARE
(SHRI RAMNATH THAKUR)

(a) & (b): Government of India is supporting the State of Odisha for establishment of soil testing laboratories under the scheme of Soil Health & Fertility. Financial assistance of Rs.75 lakhs per static/mobile soil testing laboratory and Rs. 1.5 lakh per village level soil testing laboratory is provided under the scheme. Financial assistance for strengthening of laboratory with modern digital equipment like Intensively Coupled Plasma Spectrophotometer (ICP) @ Rs.65.00 lakh per laboratory and Atomic Absorption Spectrophotometer (AAS) @ Rs.40.00 lakhs per laboratory are provided under the scheme separately. As a result, 30 static soil testing laboratories, 30 mobile soil testing laboratories and 35 village level soil testing laboratories are established in Odisha.

Soil Health Card (SHC) Portal is equipped with real time nutrient management and generating crop advisory services. Soil samples are collected through mobile application capturing accurate geo-coordinates. Real time updates of sample collection and SHC generated are fed to the portal. Farmers can download the SHC directly from the portal and see the crop wise fertilizer recommendations. Since, 2023-24 till date, 6.81 lakh SHC have been generated in Odisha.
