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

LOK SABHA
UNSTARRED QUESTION NO. 3887
TO BE ANSWERED ON THE 12TH AUGUST, 2025

AGRI STACK BENEFITS FOR SMALL AND MARGINAL FARMER

3887. SHRI RAJKUMAR CHAHAR:

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

(a)   the manner in which the agri Stack initiative will help the Government to provide benefits to small and marginal farmers;

(b)   whether any measures are being taken by the Government to provide various services to farmers through the Agri stack framework; and

(c)   if so, the details thereof?

ANSWER

THE MINISTER OF STATE FOR AGRICULTURE AND FARMERS WELFARE
कृषि एवं किसान कल्याण राज्य मंत्री (SHRI RAMNATH THAKUR)

(a) to (c): The Government approved the Digital Agriculture Mission in September 2024. The Mission aims to create a Digital Public Infrastructure (DPI) for Agriculture, including AgriStack, Krishi Decision Support System (KDSS), and a comprehensive Soil Fertility & Profile Map to build a robust digital agriculture ecosystem in the country. This, in turn, enables innovative farmer-centric digital solutions and ensures that reliable crop-related information reaches all farmers promptly. The AgriStack DPI includes three key registries or databases related to the agriculture sector, namely Geo-Referenced Village Maps, Crop Sown Registry, and the Farmers Registry, all created and maintained by the State Governments or Union Territories.

Farmer Registry provides comprehensive and useful data on farmers' demographic details, land holdings, and crops sown, enabling farmers to digitally identify and authenticate themselves for accessing benefits and services such as credit, insurance, procurement, etc. It also enables states to design solutions that open access for farmers to the digital economy, such as the Purchase and sale of Inputs and produce online in a trustful manner. The Crop Sown Registry enabled by the Digital Crop Survey (DCS) System provides accurate, real-time crop area information for every agricultural plot.

AgriStack enables Governments to develop farmer-centric digital services, improving efficiency and transparency in implementing various schemes and services, and supporting hassle-free and inclusive benefit delivery to farmers.

i.   JanSamarth (a digital platform that connects credit-linked government schemes) is integrated with AgriStack to help farmers obtain hassle-free and paperless Kisan Credit Card loans.

ii.   AgriStack facilitates efficient and transparent MSP-based procurement. Through crop-based SMS communications, it has helped reach Farmers growing Pulses for a targeted and transparent procurement by government Agencies. Further, the Digital Crop Survey has been integrated with the procurement system of Uttar Pradesh to help verify the crops procured by the Food Corporation of India.

iii. Soil Health Card services leverage Farmer ID and Geo-referenced Village Maps for precise soil sample collection.

iv.   The Crop data collected through the Digital Crop Survey has not only helped the Government ground-truth the remote sensing signatures to improve the accuracy of satellite crop maps, but has also enabled quick crop production estimations.

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