

Agri-Stack Scheme

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Agri-Stack Scheme Latest News

The Uttar Pradesh govt recently issued a stern warning to district magistrates, emphasizing that strict action will be taken against those who fail to complete farmer registration under the Agri-stack scheme within the specified timeframe.

About Agri-Stack Scheme

- It is the **digital foundation** being set up by the government to enable the rollout of **data-centric digital services to improve Indian agriculture** and enable farmer empowerment.
- It **integrates farmer data, land records, and scheme benefits** into a **centralized digital platform**.
- It is being **implemented by the Ministry of Agriculture and Farmer Welfare** at the Centre in **close collaboration with the Revenue and Agriculture departments of State governments**.
- It is an infrastructure and foundational layer that **enables various government and private entities to provide farmers with tailored services** by providing them **access to high-quality, validated, attested, and current data**. Thus, Agri Stack will:

- Provide the right **support** to farmers **in terms of finance and agricultural inputs** at the right time.
- Provide **localized and tailored early warning systems for disasters**, including pest attacks, droughts, floods, etc.
- **Simplify government scheme benefits lifecycle** for farmers.
- Enable quick and **easy access to affordable finance**.
- **Enable private participation in farmer service delivery**, thereby increasing farmers' choices.
- Enable ease of governance by **providing required data at the right place** for enhanced decision-making, policy implementation, and feedback management.
- **Improve targeting of government benefits** (by maximizing inclusion and minimizing exclusion and fraud).

Building Blocks of Agri Stack

• Farmer and Farmland Registries:

- At the center of Agri Stack is a **Farmer Registry**, a **federated registry of all the farmers in the country, compiled by States** according to common standards, and cached by the Centre.
- **Each farmer** will be assigned a **unique FarmerID** (a functional ID, based on Aadhaar as per IndEA 2.0) and a **digitally verifiable credential**.
- The Farmer Registry will be **dynamically linked to their farmland plot records** for non-legal, planning and advisory, and scheme-delivery purposes only.

• Unified Farmer Service Interface (UFSI):

- It is the building block that enables **interoperability across stakeholders in Agri Stack**.
- UFSI is envisioned **to be used by government and authorized private users**, such as Banks, Agri-Techs, agriculture value-chain companies, etc.
- UFSI will enable a **center-state federation of data, authorized and consent-brokered access to the core registries' data**, and standards-based interactions between various public and private stakeholders.

• Crop sown Registry:

- It is designed to be a federated registry of **crops being sown and grown across the country every season, on every farm, by each farmer**.
- It aims to streamline and improve previously prevalent paper-based methods of surveying crops by introducing **smartphone- and image-based** (including drone and satellite images in the future), **more fool-proof methods of crop survey**.

• Agri Stack Sandbox:

- It is a subset of the Agri Stack that will **provide a simulated environment with access to the UFSI along with sample data** for the various registries and databases to authorized stakeholders.
- **Purpose:** To allow them to **test and safely fail, or succeed and get fully authorized access to the production environments**.

• Consent Manager:

- The Consent Manager **facilitates data-blind sharing of personal data only with persons/entities for whom the data principal (i.e., a farmer) has provided consent**.
- **Consent once given may also be revoked**, preventing future sharing of data.

Source: TOI

Source: <https://vajiramandravi.com/current-affairs/agri-stack-scheme/>

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