

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

RAJYA SABHA
UNSTARRED QUESTION NO. 1465
TO BE ANSWERED ON 31/07/2026

IMPLEMENTATION OF DIGITAL AGRICULTURE MISSION IN PUNJAB

1465. DR. VIKRAMJIT SINGH SAHNEY:

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

- (a) the progress made in Punjab under the Digital Agriculture Mission (DAM), including the creation of Farmer Registry, Geo-Referenced Village Maps and Crop Sown Registry;
- (b) the State-wise number of Farmer IDs generated under the DAM, including Punjab, visà-vis the estimated number of eligible farmers in each State and Punjab's position therein;
- (c) whether the comparatively low generation of Farmer IDs in Punjab has affected the integration of farmers with Central schemes and digital agricultural services; and
- (d) the assistance extended to the State Government for expediting farmer registration, digital crop surveys and AI-enabled agricultural advisories?

ANSWER

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

(a) The Digital Agriculture Mission envisages the creation of a Digital Public Infrastructure (DPI) for Agriculture, such as AgriStack, Krishi Decision Support System, a Comprehensive Soil Fertility & Profile Map and other IT initiatives undertaken by the Central Government/State Government to enable a robust digital agriculture ecosystem in the country as a comprehensive source of information on farmers, crops, livestock and fisheries and farmer centric digital solutions. The progress made in Punjab under the Digital Agriculture Mission, including the creation of Farmer Registry, Geo-Referenced Village Maps and Crop Sown Registry is as under:

- i. As of 28th July, 2026, more than 3,68,287 Farmer IDs have been created in Punjab.
- ii. Out of 13,004 Revenue Villages, 9,827 Revenue Villages have been geo-referenced in the State of Punjab.
- iii. Digital Crop Survey have been completed in 3 consecutive seasons, including Rabi 2025-26. Preparations of DCS for Kharif 2026 have also been finalised.
- iv. Krishi Decision Support System DPI has been developed, which is a geo-spatial platform that integrates satellite imagery, weather, soil, and crop data using Geographic Information System (GIS) to support agricultural planning and decision-making. It is available for all States/UTs to use, including Punjab
- v. A Nationwide Soil Resource Mapping project has been initiated by the Soil and Land Use Survey of India (SLUSI), for preparing soil inventory at village level on a 1:10,000 scale using high-resolution satellite and ground data. As of June, 2026, soil survey of 4,82,633 ha hectares has been carried out in the State of Punjab.

vi. Digital General Crop Estimation System (DGCES) is a robust crop production estimation system that requires truthful and reliable data on area and yield. While the Digital Crop Survey provides sown crop area in near real time, the new Digital General Crop Estimation System (DGCES) provides accurate and timely crop yield data for evidence-based crop production estimates. Digitized Crop Cutting Experiments have been conducted in 1,547 villages in Punjab during 2025-26.

(b) The State-wise number of Farmer IDs generated along with the estimated number of Farmer IDs, including the state of Punjab, are given in Annexure –I.

(c) Farmer ID is an important digital enabler for authenticated farmer records, better targeting of scheme benefits and integration with digital agricultural services. In Punjab, while Farmer ID coverage is yet to reach full saturation, delivery of benefits under Central schemes such as PM- KISAN DBT transfers and MSP procurement (Anaj Kharid) has continued through existing mechanisms such as State land records, Aadhaar-seeded bank accounts and scheme-specific systems. Greater Farmer ID coverage would further strengthen delivery of services and scheme benefits and integration with Central schemes by improving data accuracy, interoperability, targeting of interventions and evidence-based planning for agricultural programs.

(d) Government of India extends assistance to expedite the creation and verification of the Farmers' Registry, and financial support of Rs. 15,000 per camp has been provisioned to encourage States to organise camp-mode drives. Administrative assistance of Rs. 10 per Farmer ID is also provided under the PM-KISAN Scheme to provide an honorarium to field functionaries involved in the Farmers' Registry creation process. In addition, the Government is providing IT Systems for the Farmer ID and Digital Crop Survey, cloud infrastructure for project implementation, financial support for conducting the Digital Crop Survey, strengthening IT infrastructure in States/UTs, and providing assistance for establishing Project Monitoring Units (PMUs). Financial assistance has also been extended to States under the Department of Expenditure's Scheme for Special Central Assistance (SCA) to States for Capital Investment (SASCI) during 2026–27. Further, Capacity-building and training programmes are conducted with continuous technical assistance for onboarding the farmers, system integration, and operationalisation of the digital platforms for AgriStack-enabled services.

No. of estimated Farmer IDs and number of generated IDs as on 27.07.2026

S. no.	State Name	Number of estimated Farmer ID	Number of Farmer ID generated
1	Andhra Pradesh	60,02,607	50,71,774
2	Assam	24,87,399	14,00,857
3	Bihar	86,36,562	55,42,777
4	Chhattisgarh	40,08,908	36,38,959
5	Gujarat	66,21,097	62,34,650
6	Haryana	20,35,496	12,09,750
7	Himachal Pradesh	10,37,206	5,96,310
8	Karnataka	59,13,902	65,33,771
9	Kerala	38,01,577	25,61,744
10	Madhya Pradesh	95,18,752	1,13,95,550
11	Maharashtra	1,19,11,984	1,35,40,949
12	Odisha	44,38,559	20,48,114
13	Punjab	23,62,302	3,68,287
14	Rajasthan	90,19,695	87,30,496
15	Sikkim	24,753	35,364
16	TamilNadu	42,52,379	36,50,484
17	Telangana	39,77,791	50,34,937
18	Tripura	2,71,108	85,493
19	Uttar Pradesh	2,88,70,495	2,45,70,021
20	Uttarakhand	10,23,545	3,26,495
	Total	11,62,16,117	10,25,76,782