

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

RAJYA SABHA
UNSTARRED QUESTION NO. 1454
TO BE ANSWERED ON 01/08/2025

AUTOMATION OF CROP LOSS ASSESSMENT THROUGH CROPIC

1454. SHRI MILIND MURLI DEORA:

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

- (a) whether the Collection of Real Time Observation and Photo of Crops (CROPIC) initiative is designed to support the Pradhan Mantri Fasal Bima Yojana (PMFBY);
- (b) if so, the manner in which it will help automate crop loss assessment and expedite insurance claim settlements for farmers;
- (c) whether a web-based dashboard will be developed to provide access to real-time crop data for stakeholders; and
- (d) if so, whether farmers will be given access to monitor crop health and raise grievances, if any?

ANSWER

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

(a) & (b): Yes Sir, CROPIC (Collection of Real Time Observations and Photographs of Crops), one of the technology initiatives under Pradhan Mantri Fasal Bima Yojana (PMFBY), is a digital application for collection of crop field photographs, to ascertain the health of crops and identify damage due to perils. CROPIC app aims at collection of geotagged crowdsourced photographs from farmers and field coordinators through smartphones. The purpose of time-series geotagged photographs is crop validation against insured crops, and crop damage assessment in case of localized calamities.

(c) & (d): CROPIC is envisaged to empower crop insurance stakeholders with a transparent, real-time, evidence-based system for monitoring and managing crops, strengthening the effectiveness of crop insurance and disaster response, and ensuring data-driven policy decisions. However, there is no proposal under consideration to make available public dashboard on CROPIC data.

Further, a Krishi Rakshak Portal and Helpline (KRPH) has been deployed with a single Pan-India toll free number 14447 and linked to the insurance companies database, where farmers can raise their grievances/issues. Timelines to resolve these grievances has also been fixed.
