

OBJECTIVES, COMPONENTS AND FUNCTIONING OF CROPIC

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CROPIC (Collection of Real Time Observations and Photographs of Crops) is one of the technology initiatives under Pradhan Mantri Fasal Bima Yojana (PMFBY). It 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.

The CROPIC supports PMFBY through general crop surveillance information reporting crop risks in near real time and supporting yield estimation models of YESTECH for validation as well as for accounting for certain risks.

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.

This information was given by Minister of State for Agriculture and Farmers Welfare, Shri Shri Ramnath Thakur in a written reply in Rajya Sabha today.

RC/ KSR/AR

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