

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

LOK SABHA
UNSTARRED QUESTION NO. 3055
TO BE ANSWERED ON THE 21ST MARCH, 2017

CROP INSURANCE SCHEMES

3055. SHRI RAJAN VICHARE:
SHRI ANURAG SINGH THAKUR:

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

- (a) whether the Government proposes to increase the usage of live satellite data and drones in order to accurately gauge crop damage for providing compensation under the Pradhan Mantri Fasal Bima Yojana, if so, the details thereof;
- (b) the details of the total cropped area where such technology is being deployed by the Government, State-wise;
- (c) whether the latest technologies such as GPRS and camera mobile phones are likely to be used in the effective implementation of the Crop Insurance Schemes in the country, if so, the details thereof;
- (d) whether the Government proposes to organise a comprehensive programme for the capacity building according to the needs of the stakeholders such as the officials of the concerned State Governments, insurers and the Central Government agencies associated with the crops insurance schemes, if so, the details thereof; and
- (e) whether the insurance companies and banks with the assistance of the State Governments concerned propose to prepare any programme to create awareness and insurance literacy among farmers, if so, the details thereof?

ANSWER

MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE AND FARMERS WELFARE

कृषि एवं किसान कल्याण मंत्रालय में राज्य मंत्री (SHRI PARSHOTTAM RUPALA)

(a) to (e): Yes Madam. Pradhan Mantri Fasal Bima Yojana (PMFBY) provides for use of improved technology including use of satellite data for CCE planning, improvement in yield assessment, area discrepancy, loss assessment and prevented sowing. Drones have also been recommended for the purpose to increase accuracy and speed of yield estimation and some insurance companies have used the services of third party drone service providers in Gujarat and Maharashtra. Mahalanobis National Crop Forecasting Center (MNCFC) has also conducted the C(K)rop Insurance using Space technology And geoinformatics (KISAN) Project for using remote sensing data from satellites and drones which was implemented in one district each of Madhya Pradesh, Maharashtra, Karnataka and Haryana. Similarly, Global Positioning System (GPS) and camera enabled smartphones are being used to collect the Crop Cutting Experiment

(CCE) data using CCE Agri App, developed by the Department of Agriculture, Cooperation and Farmers Welfare. Since the launch of the scheme in Kharif 2016 many States have conducted CCEs using smartphones and CCE Agri App and include Andhra Pradesh (8031 CCEs), Bihar (21842 CCEs), Chhattisgarh (41165 CCEs), Gujarat (16053 CCEs), Haryana (4087 CCEs), Jharkhand (14949 CCEs), Maharashtra (4873 CCEs), Odisha (26450 CCEs), Tamil Nadu (50616 CCEs), Telangana (75 CCEs), Uttar Pradesh (259 CCEs), Uttarakhand (13 CCEs), Tripura (1347 CCEs) and West Bengal (11882 CCEs) and Rajasthan (2 CCEs).

Training is provided on ongoing basis to officials of State Departments of Agriculture/Revenue/Economics and Statistics on the use of smartphones and CCE Agri App.

To enhance the awareness of Crop Insurance Schemes specially among farmers, the Department of Agriculture, Cooperation and Farmers Welfare in the Central Government, concerned departments of State Governments viz. Departments of Agriculture/Cooperation/Horticulture/ Extension and all empanelled Insurance companies have been actively conducting various publicity, awareness and literacy programmes including release of advertisements in leading National/local News Papers, telecast through audio-visual media, distribution of pamphlets in local languages, participation in agriculture fairs/mela/goshti, organization of workshops/ trainings and SMS through Kisan Portal etc. Further, recently with the twin objective of providing a documentary proof to insured farmers alongwith serving the purpose of popularizing the scheme among the farmers the Government has decided to provide acknowledgement receipt and folio which will also contain important scheme information
