

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

LOK SABHA
UNSTARRED QUESTION NO. 432
TO BE ANSWERED ON 19th JULY 2022

ADVANCE ESTIMATES OF AGRICULTURAL PRODUCTION

432. SHRI SUSHIL KUMAR SINGH

Will the Minister of Agriculture and Farmers Welfare कृषि एवं किसान कल्याण मंत्री be pleased to state;

- (a) the details regarding the source of data for the Government towards arriving at the advance estimates of agricultural production in the country;
- (b) the method through which the Government arrives at the advance estimates;
- (c) the different source for the agricultural statistics in the country;
- (d) the steps being taken the Government to ensure that agricultural statistics become more advanced;
- (e) the details of problem identified by the Government in the ongoing agricultural statistics system?

ANSWER

MINISTER OF AGRICULTURE AND FARMERS WELFARE
कृषि एवं किसान कल्याण मंत्री (SHRI NARENDRA SINGH TOMAR)

(a) to (e): Government of India has a statistically sound system of estimation of crop area, production and yield. For every agricultural year (July-June), Department of Agriculture and Farmers Welfare releases four Advance Estimates (AE) followed by Final Estimates of production of identified 28 major and 3 minor agricultural crops at state and national level. The crop production estimates at all-India level are prepared on the basis of crop-wise data on area, production and yield furnished by State/UT Governments. The State/UT Governments prepare their crop production estimates on the basis of village wise data of crop area sown during each seasons collected by Primary workers of Revenue Department i.e. Patwari/Lekhpal as per their Land Records manuals.

For timely reporting of Advance Estimates data by the State/UTs, the Department of Agriculture & Farmers Welfare implements Centrally Sponsored Scheme namely Improvement of Agriculture Scheme (IAS). Under the scheme, State/UT Governments provide data of crop area coverage on the basis of complete enumeration of 20% villages selected through statistical sampling on priority basis. The yield of crops is estimated on the basis of Crop Cutting Experiments (CCEs) conducted under General Crop Estimation Survey (GCES) by the states Governments.

Government also implements "Forecasting Agricultural output using Space Agro-meteorology and Land based observations (FASAL)" scheme for the use of advanced technologies like Remote Sensing, Agromet and Econometric models for generation of crop production estimates to supplement the existing efforts. Further, some states have also started plot level data collection by using advanced technologies.
