

## **State Agricultural Statistics Authority (SASA)**

The Department of Agriculture & Farmers Welfare, Punjab plays an important role for the Improvement of crops statistics. The major components of the scheme have been controlled by the department. The basic objective of the scheme is to collect and improve agricultural statistics in the form of Area, Yield and Production of major crops. The responsibility of collection, compilation & supply of crop wise data on area, yield, production rests with States/UTs Government. For this purpose, the states/UTs have designated the Department of Agriculture or Revenue or Economics & Statistics as State Agricultural Statistics Authority (SASA). However to ensure timely/reporting of requisite data, The Government of India has been providing financial support to States/UTs under the Improvement of Agricultural Statistics (IAS) Scheme. In the state of Punjab, the office of Director of Agriculture & Farmer welfare, Punjab has been designated as SASA. This scheme has three major components as under:

- Timely Reporting Scheme(TRS)
- Improvement of Crop statistics(ICS)

**1. Timely Reporting Scheme (TRS):** The main objective of the Timely Reporting scheme is to obtain advance estimates of area under principal crops in each season, with the breakup of area under irrigated/un-irrigated and traditional/high yielding varieties of crops on the basis of random sample of 20% of villages by a specific date. These estimates are used for generating advance estimates of production of principal crops. Advance crop area estimates are worked out by the statistical wing within a short period, whereas final/crop area report is released by revenue department after a long period of three months. In the meantime, these advance estimates prove very useful for the assessment work of agriculture. Except advance estimates, cropwise irrigated and unirrigated area is also worked out.

**2. Improvement of Crop statistics(ICS):** The objective of this component is to improve the quality of statistics on area and production of crops through supervision and monitoring. Under this component, a sample check of area enumeration and crop cutting experiments of villages and approximately crop cutting experiments at harvest stage are undertaken. These samples are equally shared by the central agency i.e National

statistical organization (NSSO) and state Agricultural authorities. These checks specially relate to-

- Enumeration of crop wise area covered in the selected villages as recorded in girdawari by the Patwari;
- cross check of area under each crop recorded in Khasra Register of villages
- Supervision of crop cutting experiments at the harvest stage. by the Statistical Wing of the State Agriculture & FW Department & NSSO jointly.