**Agriculture Statistics Division**

1. Agriculture Statistics Division (AGS Division)

The main functions of this division are to collect season wise agricultural statistics and prepare the following reports:

* Advance Estimates of Area, Production and Productivity of major Agriculture crops (1st, 2nd, 3rd , 4th and Final Estimates)
* Fully Revised Estimates (FRE) of Area, Production and Productivity of Principal Crops.
* Reconciliation of Crop Area Statistics
* Annual Season and Crop Statistics Report (ASCR)
* Estimating the Average Yield for Non-CES crops through Oral Enquiry Method.

**Advance Estimates:**

Directorate of Economics and Statistics has to submit four advance estimates followed by the final estimate of area, production and yield of principal crops sown and harvested in all the three seasons of agricultural year to Government of India. The assessment is made based on the district reports received from District Statistical Officers and in consultation with Agriculture Department.

The First Advance Estimates covers only Kharif crops, purely validated on the basis of inputs from Agriculture Department and on availability of water in major reservoirs, rainfall, temperature, irrigation etc.

The Second and subsequent Advance Estimates cover the assessment in respect of Kharif, Rabi and Summer crops. In addition to the factors mentioned above, the available Reconciled reports for area, results of crop cutting experiments for yield are also considered. After reconciliation with the agriculture department figures, these estimates are prepared.

**Reconciliation of Crop Area Statistics:**

The system of reconciliation of crop area was introduced in 2005-06 to reconcile the area figures at village / hobli / taluk and district level by the officials / officers of Agriculture, Horticulture, Revenue, Water Resource and Sugarcane Department/Directorate of Economics and Statistics for all the three seasons of the year.

**Annual Season And Crop Statistics Report (ASCR):**

Annual Season and Crop Statistics Report is prepared based on revenue records i.e., Pahani. The main objective of the report is to provide data on land utilization, source wise irrigated area, crop wise irrigated area, season wise, variety wise cropped area and total cropped area..

**Fully Revised Estimates (FRE):**

This is an annual publication on the estimates of area, production and yield of principal crops in Karnataka since 1955. This report contains area, yield and production statistics of 61 crops.

**Oral Enquiry Method:**

For 17 Non-CES crops, survey had been conducted for 17 crops through Oral Enquiry Method with Cultivators for estimating crop yield.

1. **Timely Reporting Scheme of Principal Crops in Karnataka-Central Sector Scheme**

**Funding pattern: 100% Central Share**

The main objective of the program is to improve quality, reliability and timeliness of Agricultural Statistics and to reduce the time lag between availability of the area data during the period of sowing and before the actual harvest of area sown. Area of important crops such as Paddy, Jowar, Bajra, Maize, Ragi, Wheat, Tur, Gram, Sugarcane, Cotton, Groundnut, Sesamum, Sunflower, Safflower and Linseed is estimated under the scheme. This scheme was implemented since 1969-70 .

1. **Improvement of Crop Statistics (ICS) -** **Central Sector Scheme**

**Funding pattern: 100% Central Share**

The scheme for Improvement of Crop Statistics is being implemented by Government of India since 1973-74 it aims at locating the deficiencies in the system of collection of data on crop area and also in conduct of crop cutting experiments through the joint efforts of Central and State authorities.

The sample check on area enumeration & conduct of crop cutting experiments are being carried out by the technical personnel of the State (SASA) and the Central (NSO) independently. Two different sets of villages are selected for SASA and NSO under the survey. It also suggests the following measures taken to improvement in the system such as,

1. Whether the patwaris have carried out crop enumeration in relevant seasons

properly in the respective villages.

1. Whether the crop abstracts prepared by the patwaris are consistent with the entries

in the khasra register.

1. Whether the primary workers entrusted with Crop Estimation Survey work are

conducting crop cutting experiments as per prescribed procedure.

1. **Crop Estimation Survey on Fruits, Vegetables & Minor Crops**

**Funding pattern: 100% State Share**

The main objective of the scheme is to estimate area, yield and production of selected major fruits and vegetables crops grown in the State. The fruits crops considered for the survey includes Mango, Banana, Grapes, Guava, Pomegranate, Sapota, Lemon and Vegetable crops are Beans and Brinjal.