



## ASIA AND PACIFIC COMMISSION ON AGRICULTURAL STATISTICS

<b>TWENTY-SIXTH SESSION</b>
<b>Thimphu, Bhutan, 15-19 February 2016</b>
<b>Agenda Item 5.1</b>
<b>Reform and Development of China's Agricultural Statistics in Recent Years and Future Plan</b>

**Contributed by:** Hou Rui, Director  
Department of Rural Surveys,  
National Bureau of Statistics P.R. of China  
hour@stats.gov.cn

## Reform and Development of China's Agricultural Statistics in Recent Years and Future Plan

CHINA  
FEB,2016  
BHUTAN

- ❖ China Agricultural statistics has a long history as a big agricultural country. The earliest and systemic agricultural statistics can be back to the 20th of last century.
- ❖ After the establishment of People's Republic of China, the system of China's agricultural statistics has been improved steadily especially agricultural survey contents enlarged, multi-survey methods and survey tools used since to 1978.

## **1.Main Work of China's Agricultural Statistics in Recent Two Years**

- ❖ 1.1 Many space information technologies applied in China's agricultural statistics.
- ❖ For example, we have conducted pilots of using remote sensing to make survey related to cereal and cotton while an Advanced Survey System of Agricultural Products also has been established which has been used in some provinces; in addition to these, we have begun to use cell phone to conduct grain survey.

## **1.Main Work of China's Agricultural Statistics in Recent Two Years**

- ❖ 1.2 Many surveys have been conducted on the net.
- ❖ Such as the survey results of county and township have been reported through net which related to more than 30,000 counties and townships; the information of agricultural product price has been collected by net from county level; hog net report has been in pilot while intermediate consumption survey is going to be reported from county level by net.

## **1.Main Work of China's Agricultural Statistics in Recent Two Years**

- ❖ 1.3 Grain survey in county level has been improved.
- ❖ Grain survey in county level has been conducted since 2012. There are more than 1184 counties have been involved in this survey for the time being and almost all the big grain counties have been conducted grain survey.

## **1.Main Work of China's Agricultural Statistics in Recent Two Years**

- ❖ 1.4 Some methodology reforms.
- ❖ One is that Sample adjustment of agricultural producer's price and main livestock as well as intermediate consumption have been conducted.
- ❖ The second is that agricultural seasonal account has been formally conducted both in national level and provincial level and vegetable as well as fruit surveys have been began to conduct on order to meet the need of seasonal agricultural account. The third is that area sampling has been conducted in many provinces.

## **1.Main Work of China's Agricultural Statistics in Recent Two Years**

- ❖ 1.5 Strengthen international cooperation of agricultural statistics.
- ❖ In recent years, China has conducted much cooperation with other countries and international organizations except FAO. We have hosted eleven training classes related to grain security information since 2003 which have upgraded the survey level of agricultural statistics. Especially we strengthen the cooperation with many countries of ASEAN in terms of information and technology related to grain security. In addition to that, we also hosted a training class for Cambodia Statistical Bureau in 2013 which has helped to well understand each other.

# 1.Main Work of China's Agricultural Statistics in Recent Two Years

- ❖ 1.6 Actively participating in every work of AMIS.
- ❖ First is to participate in many forums and meetings related to global grain market.
- ❖ Second is to establish supply balance sheet of main grain based on AMIS method and the relation results have been submitting to AMIS since Feb of 2014.
- ❖ The third is to select experts to take part in AMIS program of capacity construction and plan of monitor and forecast, conduct research of feed consumption model and calculation method, translate monthly monitoring report of global grain market with relating seminars.

## 2.Work Plan in the Near Future

- ❖ 2.1 Conduct the Third National Agricultural Census.
- ❖ Census is one of the most important methods used in China agricultural statistics. Agricultural census is conducted in every 10 years which have been conducted for two times. We are preparing the Third National Agricultural Census for the time being.

## 2.Work Plan in the Near Future

- ❖ **2.1 Conduct the Third National Agricultural Census.**
- ❖ The questionnaires are divided into 6 parts which are ordinary rural households, large scale rural households, agricultural establishments, villages, townships and land plots used in remote sensing respectively.

## 2.Work Plan in the Near Future

- ❖ **2.1 Conduct the Third National Agricultural Census.**
- ❖ The main contents of this census include basic situation of agricultural producers such as age, sex, education; operation condition; sow area of main crops; forestry operation; livestock operation; fishery operation and living condition of rural residents both in questionnaires of ordinary rural households and large scale rural households. In village and township questionnaires, basic situations of villages and townships will be collected such as rural infrastructure, education, medical and hygiene etc.

## 2.Work Plan in the Near Future

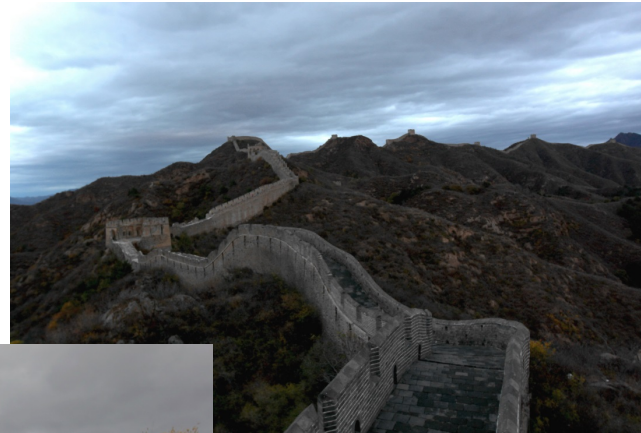
- ❖ 2.1 Conduct the Third National Agricultural Census.
- ❖ The methods of the agricultural census are door to door interview and remote sensing. Remote sensing is main applied in crop sow area. While both PAD (personal digital assistant) and paper questionnaires are used in door to door interview.

## 2.Work Plan in the Near Future

- ❖ 2.2 Innovate survey contents and enlarge agricultural survey aspects.
- ❖ Further construct indicators which reflect new issues and consider to have them involved in the regular surveys. Research and establish feed survey and conduct pilot in some places.

## 2.Work Plan in the Near Future

- ❖ **2.3Research to adjust grain contents of statistics in order to match the international criteria and establish grain anticipating system and early warning system.**



❖ THANKS!