PLIGHT OF PAKISTAN'S AGRICULTURE STATISTICS AND TRAINING NEEDS

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---- Role and Function for Agriculture Statistics

1. Collection of Primary and Secondary Agriculture Statistics,
2. Compilation and Management of Agriculture Statistics,
3. Fixing Crops Targets, Coordination of Provincial Agriculture Statistics
4. Supplier of Agriculture Statistics to International Organizations
5. End User and Policy, Planning and Decision Making

Provincial Departments and Institutions are also responsible to collect and compile and supply Agriculture Statistics of their respective province.

Pakistan Bureau of Statistics (PBS) -------- National / Federal Organization responsible for collection and supply of Agriculture Statistics.

Main sources of PBS data

a. Provincial Agricultural Reporting Service (ARS)
b. Agricultural Census Organization (Crops and Livestock)
c. District Statistical Offices of PBS

Spread of Agriculture Statistics in Pakistan

Agricultural Surveys Crops and Livestock

Crop Area Yield and Production estimates,

Cost of Crops Production

Food and Agriculture Commodity Prices
Agriculture Trade Statistics

Stakeholders of Agricultural Statistics:-

National Users: Federal and Provincial
Ministries, Departments
Research Organizations / Academia
Individuals and Groups
Managers, Technical staff, Field staff
Training providers
Farmers, Entrepreneurs, Decision-makers
Local and International Organizations

DEFICIENCIES of PAKISTAN'S AGRICULTURAL STATISTICAL SYSTEMS

Pakistan's Statistical System is unstructured

It is not a donor driven (financial problems for improvement)

It is uncoordinated No linkages and Coordination with users

It has a wide use of quick fix approach

It has inadequate data, management (Duplication)

Has methodological problems in data processing and analysis.

has shortages of training Institutions

Human Resources Lack of Capacity and Skill (absence of latest Knowledge)

has no Networking Organizational Problems

Sporadic Problem in access to remote Agriculture farms

Adoption of Geographic Information System - GIS

Adoption of Remote Sensing Dot Plotting System

Proposed Statistical Training can be

– Demand driven

– Based on needs assessment

– Integration within National and International Statistical System

Agriculture Statistics may consider

a) Regional goals and targets

b) Facilitate shared understanding among stakeholders

c) Create supply of training that address common needs

d) Networking: coordination; knowledge sharing and management

e) Universal and Common Statistical System

Training Delivery through mixed modes is Possible

On-site (face-to-face)

On-line (e-learning)

On-the-job

Study visits

New Topics of Agriculture Training

Basic Indicators of agricultural and rural statistics

Food Security Phase Classification

Adept / Network

International Standardization of framework and tools

Development of country action plans

Advocacy

Data on Gender main Streaming in Agriculture

Country's Statistical Policy and Action Plan

What Pakistan Needs : A Paradigm Shift in the Development of Agricultural Statistics:

1. Update knowledge
2. Improved skills
3. Institutionalize trainings
4. Technical assistance
5. Integrated framework
6. New Methodologies Analytical Skills
7. Comprehensive Planning
8. Implementation Schemes
9. Monitoring and Evaluation Methods
10. Improved Role of the National Statistical Office
11. Improve knowledge Management
12. Improve Statistical Products and Services
13. Role of Technical Assistance and Cooperation from Donor Agencies
14. Development of National Agricultural Statistics
15. Advances in information technology
16. System for certification of trainers.
17. Standardizing curricula/modules and training materials