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Agenda Item 5.2
Agriculture Market Information System (AMIS) in Bangladesh

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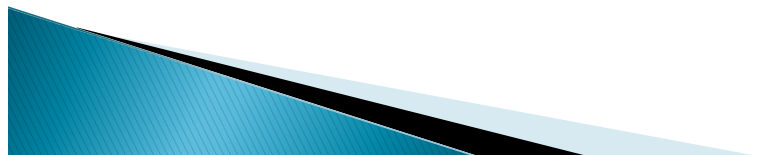# Outline

- Background
- AMIS Background in Bangladesh
- AMIS Crops in Bangladesh
- Main Activities
- Issues concerned
- Challenges
- Progress so far

AMIS Background in Bangladesh

- Necessity of market information (supply, price etc.)
- Country perspective plan (6th 5yr Plan)
- NSDS goal and progress indicator
- IdCA Proposal
- Data requirement in Food Balance Sheet

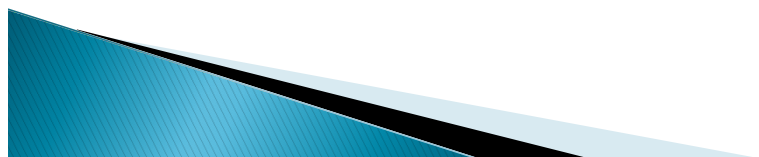# AMIS Crops in Bangladesh

- Rice (three seasonal rice) 34.5 m. mton (4th largest)
  - Aus (Area 10.50 lac hectare, Production 23 lac mton)
  - Aman (Area 56 lac hectare, Production 131 lac mton)
  - Boro (Area 48 lac hectare, production 192 lac mton)
- Potato – (Area 4.5 lac hectare, Prod- 92 mton) (7th largest)
- Maize- 3.5 lac hectare, Production- 23 lac mton
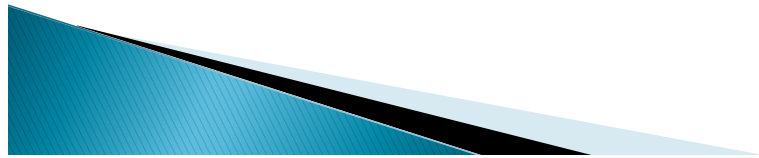- Wheat-Area 4.5 lac hectare, Production- 13.5 lac mton

Main Activities of AMIS in Bangladesh

- Review and improvement of area estimation methodology for rice and maize crops;
- Development of forecasting method for rice and potato production
- Assessment of uses of food stock for rice, wheat and maize
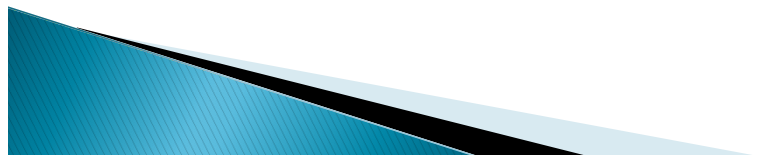- Provide necessary training for respective activities

Issues Concerned for Area Estimation

▸ Providing national crop production estimates including 64 districts as domains
▸ Mauza is the lowest well demarcated area going to be considered as PSU
▸ Single method is not always dependable
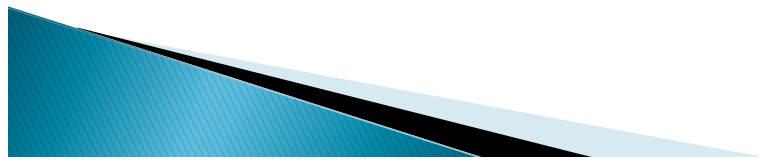▸ Double source is under consideration (farmers interview and spatial data)

Issues concerned for Forecasting

▸ Agro–meteorology like temperature, rainfall etc.
▸ Farm gate and market price
▸ Irrigation
▸ Supply of input
▸ Time series production data (area and yield)
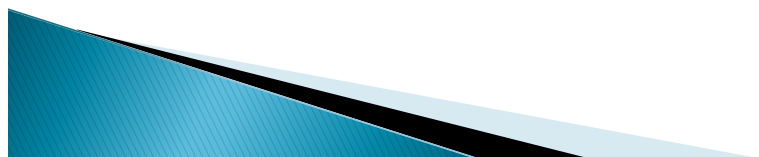▸ Export–import situation

Issues concerned for stock assessment

- ‣ Household and miller level hording information
- ‣ Used for seed, feed wastage etc
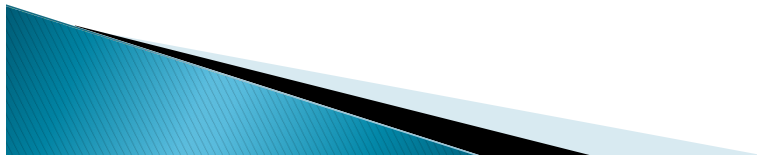- ‣ Availability of food in the market for sale

Challenges for area estimation

- ‣ Small farm size 99% below 7.5 acres
- ‣ Rapid Change of farmers motive
- ‣ Population varies greatly
- ‣ Inadequate human resource (management and field)
- ‣ Lack of ICT infrastructure

Progress so far

- Land ownership size analyzed
- Crop cultivation pattern, trend, coverage analyzed
- Methodology developed (tentative)
- Agro met data assessed
- Market price data assessed
- Production trend assessed (area,yield)
- Irrigation pattern assessed
- Food stock system assessed

Thank You