The METAGRI and other WMO Projets agro meteorology

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Drought Impacts in the Sahel

Le Fleuve Niger à NIAMEY : étage sévère connu en 1985

N.G. Cas aussi du Bani à DOUNA (Mali) respectivement en 1984 et 1987

Scaling Up Climate Services for Farmers in Africa and South Asia  Dakar, Senegal, 10-12 December 2012
Seed calendars

Crops: Millet and Sorghum

Crop Cycle: 90 – 120 days

1 – Avoid planting before 10 June, but proceed to make field preparations.

2 – From 11 to 30 June, plant long-cycle crops (120 days) as soon as the 10-day cumulative recorded rainfall reaches or surpasses 20 mm.

3 – From 1 to 20 July, plant short-cycle crops (90 days) as soon as the 10-day cumulative recorded rainfall reaches or surpasses 10 mm.
The METAGRI project

Managers: WMO- Western African Met&Hidromet. Services

Funds: Developed countries (Spain, Norway, …)
2009 Seminar – Farmers ask Questions
Roving Seminars in Western Africa: Description

Roving Seminars

- **Department**: Fatick
- **State**: Senegal
- **Project**: WMO & AEMET
- **Date**: 11-14th January 2003 (Phase I)
- **Participants**: 72
METAGRI – Final statistics 2009-2012

TRAINED 7337 FOOD PRODUCERS

- Benin: 580
- Burkina Faso: 501
- Cape Verde: 553
- Côte d'Ivoire: 406
- Ghana: 416
- Guinea: 250
- Guinea-Bissau: 515
- Mali: 367
- Mauritania: 734
- Niger: 475
- Nigeria: 686
- Senegal: 345
- Togo: 345
Lessons learnt

- Plastic raingauge is a good tool but it needs improvements.

- Communications tools are improving quickly, we need to adequately our procedures to new, existing and old practices. Special attention to mobile phones.

- In some countries there is a need to develop or strength the Pluridisciplinary Working Groups in Agrometeorology agricultural authorities, food security officers, plant and animal health experts, researchers and meteorologist.

- The importance of NMHS integration into the National Action Plans about Adaptation on Climate Change was highlighted.

- More attention on the role of the media. Local languages. Walking the the last mile to reach the users.
METAGRI STRUCTURE

National Met. Services

Roving Seminars

Side events

Local radios
National – Regional Media

Roving Seminars + Rain gauge Delivery

Regional – Local Agriculture Officers

Routine broadcast

Agri. Services

NGO’s

Farmers - Shepherds Fishermen

Core activity

Improvement

Feedback flow
METAGRI OPS new elements

• Communications strategy
• Climate and weather risk identification and mapping
• Operational use of crop models – Seed calendar
• Training in remote sensing products for agrometeorology
• Integration of tradirional knowledge
• Basic procedure to perform Roving Seminars
• Strenght and extension (national to regional, other countries) of IWG (GTPs)
• Feed back and evaluation tools

• And.. More and more improved Roving Seminars.
Thank you !

Merci !
Anitié !
Fofo!
Mungode!
Jërëjëf !
Thank you !