INTERCULTURAL EXPERIENCES – OBSERVATIONS & EXPERIENCES IN WORKING WITH INTERNATIONAL TEAMS IN RESEARCH

OeAD AlumniTalks

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HELEN N. NAKIMBUGWE
Content

-Self introduction
-Studies in Austria
-Work in Uganda
  - NAGRC&DB
  - Research
  - Teaching at University
  - Other involvements
UGANDA

AGRICULTURE – Plants & Livestock

- 85% pop. live in rural areas
  - Agric. major contributor to their livelihoods
- 80% total labour force - Agric.
- 75% of total land area arable (241,548 km²)
- 40% contribution to GDP
LIVESTOCK STATUS

IMPORTANT SUB-SECTOR IN AGRIC.
- 7.4% GDP
- 17% AGRIC. GDP
- 90% OWNED BY PASTORALISTS, SMALLHOLDERS
- \( \frac{2}{3} \) MARKETED compared to \( \frac{1}{3} \) of CROP production

PER CAPITA AVAILABILITY

MILK 40 lts (FAO REC. 200 lts)

MEAT 5.6 kgs (FAO REC. 50 Kgs)
NATIONAL ANIMAL GENETIC RESOURCES CENTRE AND DATA BANK
NAGRC & DB

- Body corporate
- Operates on a commercial basis
- Undertakes developmental roles as directed and funded by Govt. or other funding agents - e.g promotes modern reproductive technologies
REPRODUCTIVE TECHNOLOGIES AVAILABLE

1. Embryo Transfer
2. Non-Pregnancy Diagnosis – radio active material used
3. Artificial insemination

Collect, process and distribute cattle semen from

Ankole  Friesian
LIQUID NITROGEN – $\text{LN}_2$

Production & Distribution
LIQUID NITROGEN – $\text{LN}_2$

STORAGE MEDIUM FOR SEMEN (SPERMS) & EMBRYOS

- 196$^\circ$C
TRAINING

Training farmers

Training field staff
ANIMAL GENETIC RESOURCES FARMS

- EXOTICS

Farms

Already earmarked for specific breeds

Guernsey, Jersey

Borán & xF

Boer goats

Bonsmara

Holstein- Friesian
ANIMAL GENETIC RESOURCES FARMS
for Conservation and Utilization of local genetics

- Nsesere
- Ugandan
- Short horn Zebu
- E.A black head
- Nganda
- Small E.A
- Ankole
- Mubende
IN-SITU CONSERVATION

IN NATURAL HABITAT
EX-SITU CONSERVATION

OUTSIDE NATURAL HABITAT
LOCAL GOATS - MUBENDE
AGRICULTURAL SHOWS
TEACHING UNIVERSITY STUDENTS
TEACHING UNIVERSITY STUDENTS
FARM VISITS
FARM VISITS
FARM VISITS
GROUPS OF FARMERS
FARM VISITS
FARM VISITS
DEVELOPMENT PARTNERS

LOCAL

UNIVERSITIES

EXTENSION

RESEARCH

NGOs

PRIVATE Co.

INT. BODIES

IAEA

ILRI

FAO
BILATERAL DEVELOPMENT PARTNERS

Japan

- Manpower devpt.
- Research

Switzerland

- Manpower devpt.
- Research

Denmark

- Manpower devpt.
- Research
- Policy devpt.
- Infrastructure devpt.

Austria

- Manpower devpt.
- Research/projects

Japan Int. Coop. Agency

Swedish Int. Devpt. Coop. Agency

DANIDA

Danish Int. Devpt. Agency

Austrian Academic Exchange Service

1. Open Nucleus Cattle Breeding Programme in the Lake Victoria Crescent Region of Uganda
2. Indigenous Selection Criteria and Genetic Diversity in the African Long-horned Ankole Cattle
1. TRADITIONAL BREEDING VALUES

Desired Horns

• large
• long
• heavy but well balanced
• wet glow on them
• white all the way to the tips
• graceful curving
1. TRADITIONAL BREEDING VALUES

Undesired Horns

Kakome
- Phenotypic description
  - Horns curve in tightly

Nshara
- Loose horns falling downwards
2. ANTHROPOLOGICAL STUDY

- change in value systems
  - young and old
  - cattle complex – extensive ritual usage, emotional attachment & identification with cattle
- Impact of politics
3. ETHOLOGICAL STUDY

Behavior of animals in their natural habitats
AUSTRIAN GREY CATTLE BREEDERS’ SOCIETY COLLABORATION

Austrian Grey cattle

Uganda Zebu cattle
GREY X ZEBU CATTLE CROSSES
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GREY X ZEBU CATTLE CROSSES
The University of Reading
School of Agriculture, Policy and Development
Department of Agricultural and Food Economics
Department of Agriculture
Graduate Institute of International Development and Applied Economics
Centre for Agricultural Strategy
Centre for Agri-Environmental Research
Joint Faculty Office for Science and Life Sciences
Undergraduate Admissions Office
Widening Participation Office
British Council
British Grassland Society
UK – GOAT FARM
TOGGENBURG GOAT BREED
UK - GOAT FARM
UK - GOAT FARM
UK - GOAT FARM
UK - GOAT FARM
SWEDEN RESEARCHERS
UNIV. UPPSALA
PREPARATORY MEETING
RESEARCH – ETHIOPIA
PREPARATORY MEETING
RESEARCH – ETHIOPIA
PREREQUISITE FOR COOPERATION

READINESS TO

SHARE WITH LEARN FROM

EACH OTHER

OTHER
TRADITIONAL RESEARCHERS – HERBAL MEDICINE
TRADITIONAL RESEARCHERS – HERBAL MEDICINE
GOAL FRIENDS - NETWORK
GOAL FRIENDS - NETWORK
INZERSDORF CHURCH COLLABORATION
AUSTRIAN FRIENDS
GUIDING PRINCIPLES

• 3 Rs
  – Respect for Self
  – Respect for others
  – Responsible for your future & nation

• Priority
• Organised
• Discipline
• Leader is a reader
• Share – knowledge, material things etc.
GOLDEN WORDS

1. Some people always throw stones in your path. It depends on you what you make with them, Wall or Bridge? Remember you are the architect of your life.

2. "So many people spend their health gaining wealth, and then have to spend their wealth to regain their health."