

**REPORT ON ATTENDANCE AT 2ND RCM
September 2000: Morogoro, Tanzania**

IMPROVEMENT OF HEALTH AND MANAGEMENT OF FAMILY POULTRY PRODUCTION IN AFRICA

This meeting (organised under the auspices of the International Atomic Energy Agency) attracted speakers from 12 African countries, Denmark, America and the UK. While the programme concentrated on the IAEA funded-programme of research in Africa, we presented details of our study in India. The meeting presented us with an excellent opportunity to discuss back-yard poultry production systems with scientists and veterinarians with a wide-ranging experience. A substantial amount of pertinent information was obtained that is relevant to our project in India.

KEY POINTS ARISING OUT OF THE MEETING

- 1) Lack of networking between groups both nationally and internationally.
- 2) Importance of Newcastle Disease and the varying efficacy of vaccination programmes and vaccine type.
- 3) Lack of knowledge on feeding ecology particularly in respect of fully scavenging (as opposed to those birds that received supplementary feeding) birds.
- 4) The widespread presence of ecto and endo-parasites was recognised as having a potentially significant impact on production but there was a lack of detailed knowledge of their impact on production.
- 5) While the benefits of housing were apparent a number of associated problems (particularly ecto-parasites and build up of disease causing organisms) were also identified.
- 6) Ethno-veterinary (eg use of plant material such as garlic and aloe vera) and traditional treatments and the chemical components associated with the efficacy of such treatments were discussed and it was apparent that while their use was widespread there was little, if any, underpinning scientific knowledge.
- 7) The interactions between disease, nutrition and disease treatment were poorly understood but recognised as being important.
- 8) The lack of poultry-specific knowledge not only among villagers and the rural-poor in Africa but also among the extension workers and, the last mentioned group, the lack of interest in monogastrics generally.
- 9) Detailed scavenging poultry production traits were presented for 12 African countries.

N Sparks and T Acamovic
14 September 2000



Second Research Co-ordination Meeting
on
**"Improvement of Health and Management of Family Poultry
Production in Africa."**

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in collaboration with:

*Sokoine University of Agriculture,
Morogoro, Tanzania*

and

*The Network for Smallholder Poultry Development,
The Royal Veterinary and Agricultural University, Denmark*

4-8 September, 2000

SCIENTIFIC PROGRAMME

Monday 4 September at TANESCO Training Centre

09.00 - 09.15	Introduction of speakers by Scientific Secretary	Martyn Jeggo
	Official opening by the FAO Representative	Mr. S.S. M'Boob
09.15 - 09.30	Welcome speech by the Director of the Sokoine University	
09.30 - 10.00	Poultry Production: Research and Training activities in Tanzania	Uswege Minga
10.00 - 10.30	<i>Coffee break</i>	
10.30 - 11.00	Experiences in the control of NCD in family poultry in Mozambique	Robyn Alders
11.00 - 11.30	Presentation of survey results from Cameroon and proposals for interventions	Fabian Ekue
11.30 - 12.00	Presentation of survey results from Côte d'Ivoire and proposals for interventions	Charles Sanne Bodjo
12.00 - 14.00	<i>Lunch break</i>	

14.00 - 14.30	Presentation of survey results from Egypt and proposals for interventions	Afaf Amin
14.30 - 15.00	Presentation of survey results from Ghana and proposals for interventions	Joseph Awuni
15.00 - 15.30	<i>Tea break</i>	
15.30 - 16.00	Presentation of survey results from Kenya and proposals for interventions	Sophicate Njue
16.00 - 16.30	Presentation of survey results from Madagascar and proposals for interventions	Koko
16:30 - 17.00	Presentation of survey results from Mauritius and proposals for interventions	Visvamitra Juggessur

Tuesday morning 5 September at TANESCO Training Centre

08.30 - 09.00	Presentation of survey results from Morocco and proposals for interventions	Faouzi Kichou
09.00 - 09.30	Presentation of survey results from Uganda and proposals for interventions	James Illango
09.30 - 10.00	Presentation of survey results from Tanzania and proposals for interventions	Halifa Msami
10.00 - 10.30	<i>Coffee break</i>	
10.30 - 11.00	Presentation of survey results from Sudan and proposals for interventions	Abdelmelik I. Khalafalla
11.00 - 11.30	Presentation of survey results from Zimbabwe and proposals for interventions	James Nqindi
11.30 - 12.15	Analysis of survey results on a continental scale: parameters of family poultry production in Africa	Bill Goodger
12.15 - 12.45	Review of results and discussion of perspectives for intervention studies to be done during the next year (leading up to the discussions on practical implementation and recommendations later during the meeting)	Martyn Jeggo, Scientific Secretary
12.45 - 14.00	<i>Lunch break</i>	

Tuesday afternoon 5 September at Sokoine University of Agriculture

14.00 - 17.00	Practical workshop: * Background information on the development of an ELISA to detect antibodies directed against Newcastle disease * Coating of ELISA plates	Jonathan Bell
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Wednesday morning 6 September at Sokoine University of Agriculture

08.30 - 12.00	Practical workshop: * Application of ELISA to detect antibodies directed against Newcastle disease	Jonathan Bell
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Wednesday afternoon 6 September at TANESCO Training Centre

14.00 - 14.30	Epidemiology of NCD and Gumboro disease among free range chickens in Tanzania	Mmeta Yongolo
14.30 - 15.00	Management and production of semi-scavenging chickens in Sanyati, Zimbabwe. Report from a research project under UZ/RVAU/DIAS/DANIDA	Charlotte Vesterlund Pedersen, RVAU
15.00 - 15.30	<i>Tea break</i>	
15.30 - 16.00	Options for vaccination of family poultry in Africa	Robyn Alders
16.00 - 16.30	Design of protocols for comparative studies on vaccine efficacy	Frans Davelaar
16.30 - 17.00	Other diseases to be considered in family poultry	Anders Permin

Thursday 7 September at TANESCO Training Centre

	Improvement of family poultry production - the scope for the future	
08.30 - 09.15	Socio-economic and anthropological considerations with regard to family poultry production. Presentation and discussion	Michael Whyte
09.15 - 09.45	The Danish Poultry Network - promoting poultry production at village level	Anders Permin
09.45 - 10.15	Outline of project activities on scavenging poultry	Nick Sparks and Tom Acamovic
10.15 - 10.45	<i>Coffee break</i>	
10.45 - 11.15	Activities of FAO in the field of family poultry production - how to implement poultry project at village level	FAO?
11.15-11.45	The International Network for Family Poultry Development	Funso Sonaiya
11.45-12.15	TC activities in family poultry production in 2001-2002	Martyn Jeggo
12.15 - 14.00	<i>Lunch break</i>	

14.00 - 15.30	Group/plenary discussions based on the presentations - with subject matter focus on diseases, nutrition, breeding, management, and socio-economic issues	Jorgen Madsen, Funso Sonaiya
15.30 - 16.00	<i>Tea break</i>	
16.00 - 17.00	Group presentations	Jorgen Madsen Funso Sonaiya

Friday 8 September at TANESCO Training Centre

08.30 - 10.00	Group/plenary discussions on how to improve poultry production at village level. Now that we have collected baseline data and will do intervention studies, how do we carry on to improve production at village level?	Gorm Pedersen
10.00 - 10.30	<i>Coffee break</i>	
10.30 - 12.00	Summary and recommendations	Martyn Jeggo Anders Permin Gorm Pedersen
12.00 - 13.30	<i>Lunch break</i>	

13.30 - 14.30	Summary and recommendations (cont.)	Martyn Jeggo Anders Permin Gorm Pedersen
14.30 - 15.00	Closing remarks	Martyn Jeggo
15.00 - 15.30	<i>Tea break</i>	
	Departure for Dar es Salaam	