

CURRICULUM VITAE

I. Name : ABDEL MONEIM MUKHTAR AWADEL KARIM ABU NIKHAILA

Date of Birth : 23.7.1946

Nationality : Sudanese

Marital Status: Married / 4 children

Language : Arabic and English

Address : Faculty of Animal Production,
Department of Dairy Production,
P.O. Box 32, Shambat, Sudan
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Academic Qualification:

- 1970 B.Sc.(Honour) Agric., University of Khartoum
- 1976 M.Sc. (animal Sci.), University of California,
Davis, USA
1983 Ph.D. (Dairy Sci.) Queens University, Belfast, UK.

Prizes:

- University of Khartoum prize for the best student in second year, Faculty of Agriculture.
- University of Khartoum prize for the best student in final year, (Animal Production Option).
- Dr. Khalil Osman prize for the best student in final year, (Animal Production Option).

II. Employment History:

1970-1974 Range and Pasture Management Officer, Ministry of Agriculture, Sudan. During this period, the duties covered were:

- Range seeding trials in conjunction with the application of soil moisture conservation techniques.
- Agronomic trials on irrigated fodder and pasture species.
- Trials for the introduction of forage legumes in crop rotation in mechanized farming schemes.
- General range surveys, and fire line establishment.
- Range production and improvement through water spreading techniques.

- Management of experimental dairy farm.

- 1974-1976 Postgraduate researcher, Department of Animal Production, University of California, Davis, USA.
- 1977-1978 Training courses on Range Management and pasture production, UCD, California, USA.
- 1978-1980 Teaching Assistant, Department of Animal Production, Faculty of Agriculture, University of Khartoum.
- 1980-1983 Senior scholar for Ph.D. studies, Queen's University of Belfast, UK.
- 1984-1993 Assistant Professor, Faculty of animal Production, University of Khartoum, Sudan.
- 1993 - to date: Associate Professor, Dept. of Dairy Production, Faculty of Animal Production, University of Khartoum, Sudan.
- 1984-1992: Head of the Dairy Unit and Experimental Dairy Farm, University of Khartoum.
- 1985-1988: Co-ordinator of M.Sc. Tropical Animal Production, Faculty of Animal Production, University of Khartoum.
- 1988-1993: Member of the University Senate
- 1988-to date: Member of the University Farm Board
- 1988-1993 Head Department of Animal Breeding and Genetics, University of Khartoum.
- 1995-1966 Secretary of Animal Production Faculty Board.
- 1997-2001 Head Department of Dairy Production, University of Khartoum.
- 1997-2001 Member of the University Senate
- 2000 – to date: Co-ordinator of M.Sc. Dairy Production and Technology.

III. Supervision of Postgraduate Candidates:

Research Activities: Postgraduate

A major supervisor for more than 36 M.Sc. Students and 7 Ph.D. with research problems related to various animal Production areas with emphasis on reproductive performance, and fertility indices.

IV. Publications:

- 1 .A.M. Abu Nikhaila. Nucleic Acid Metabolism in Sheep. M.Sc. Thesis University of California, Davis U.S.A.1976

2. A.M.Abu Nikhaila. Studies on the Behavioral and Hormonal Aspects of the Oestrus Cycle in cattle.Ph.D.Thesis, Queens University Belfast.U.K.1983.
3. A.M.A.Abu Nikhaila and W.J.McCaughey.Management changes may alter oestrus behaviour of Heifers.J.Farm and Food Res.1983.
- 4.A.E.El Tayeb, F.M.Abdel Rahim, I.M. Tibin and A.M.A.Abu Nikhaila. Influence of cotton seed cake and blood nitrogen on carcass characteristics of Sudan Nubian Goats. Sudan J.Vet.Sci. and Anim.Husb.26 (1) 1987.
5. A.M.A.Abu Nikhaila and N.M.Osman .The effect of alkali treatment on nutritive value of sugar cane bagass.Proc.of the sixth world conf.on Anim.Production.Helsinki Finland 1988.
6. A.E.EL Tayeb, F.M. Abdel Rahim and A.M.A. Abu Nikhaila. Comparison of cotton seed cake and Dried Blood as Nitrogen Source for Growing Sudan Nubian Goats. Animal Feed Sci and Technol. (22) 1989.
- 7 .M.Maglad, M.K.A. Ahmed and A.M.A.Abu Nikhaila.Causes of variation in the Birth weight of indigenou and cross bred calves.SudanJ.Agric. (13) 1990.
- 8.A.M.A.Abu Nikhaila and A.H.El Faki.Lactation characteristic of a herd of grade cows in the Sudan.Conf.on Development of Animal Resource. Wad Medani-Sudan 1992.
- 9..M.A.Abu Nikhaila.Recent trends in Resource Management in Africa Arid Lands .A Sudanese Experience in Livestock Management in Grazing Resources around Permenant Water Supplies Workshop on Development of Pastoral Network in the IGAD countries Nairobi-Kenya 27th-30th Sept.1992.
- 10..M.A.Abu Nikhaila and N.M.Osman.Performance of Sudan Desert Sheep Fed on Steam-processed Wheat Straw. U.K.J.Agric.Sci.1: 1993.
- 11.H.R. Hamid, A.M.A. Abu Nikhaila. And A.M.A/Latif. Studies on Thyroid Hormones of Graded Dairy Cows in Sudan. Expt. Clinic Endocrinol 102 Supp. 1.1994.
- 12.A.A. Fadl Elmoula A.M.A. Abu Nikhaila and I.A. Yousif Productive Performance of the Crossbred Dairy Cattle in the Sudan 1-Lactation Performance. Proc.8th Arab. Vet. Conf. Khartoum March 1998.
- 13.A.A. Fadl Elmoula A.M.A. Abu Nikhaila and I.A. Yousif Productive Performance of the Crossbred Dairy Cattle in the Sudan 11-

Lactation Curve Prasistency. Proc.8th Arab. Vet. Conf. Khartoum March 1998.

- 14.A.M.A.Abu Nikhaila Review of the Livestock Production Potential under the Restocking programme for the Integrated Resources Management for Desertification Control. A consultancy assignment May 1998.
- 15.A.M.A.Abu Nikhaila Reformulation of the livestock Restocking Programme and Evaluation of livestock Production Potential for Integrated Recourses Management. A consultancy assignment for project SUD/99/042. UNDP and Sudan Government July1999.
16. A.K. Ahmed and A.M.A.Abu Nikhaila Utilization of intermediate technologies for development and reduced Production costs of Dairy and Dairy- byproducts. Workshop in Dairy Production, Processing and Marketing Ministry of Animal Res. Khartoum August 2000.
17. A.M.A.Abu Nikhaila and F.M. Banaga. A preliminary study on protocoses a potential milk replacer for growing calves. Fayoum J Agric. Res. and Development. 17 No. 1, 2002.
18. E.A. Gubartalla, A.M.A.Abu Nikhaila and O.A. El Khidir. Production and reproduction trait of flock of Sudan Nubian goat fed on molasses or sorghum based diets. 1- production. J. Animal Prod. 2002 Vol. 15.
19. K.E.A. Gubartalla, A.M.A.Abu Nikhaila and O.A. El Khidir. Some Observation on performance of first Kidding Sudanese Nubian Goat. Animal Prod. 2002 Vol. 15.
20. .M.A.Abu Nikhaila A country report on reproductive biotechniques in ruminants: MARDI-IDB International Workshop on the uses of the reproductive biotechniques in ruminants for OIC member countries 11-17 July 2002. MARDI,Malaysia (Acceptance attached).
21. M.A.Abu Nikhaila and K.A.Al Hag. Evaluation of Growth rates in Sudan Nubian crossbred Kids. U.of K.J.Agriec. Sci.11 (1) 2003.
22. Faisal M., El Hag, Sallam,B. Sabiel A.M.A.Abu Nikhaila, Mohamed E.Ahmed and Muna M. Ahmed. Camels (*camelus dromedaries*) under pastoral systems in North Kordofan, Sudan; Seasonal and parity effects on milk yield and composition. Nomadic peoples Ns (2003) Volume 6, Issue 2.

23. Country Report on reproductive Biotechnologies in Ruminants MARDI- IDB international workshop in application of reproductive Biotechnologies in Animal production for OIC member countries (4-9 February) 2004 Kwala Lumpur. Malaysia
24. Country Report on reproductive Biotechnologies in Ruminants MARDI- IDB international workshop in application of reproductive Biotechnologies in Animal production for OIC member countries (4-9 February) 2004 Kwala Lumpur. Malaysia
25. .M.A.Abu Nikhaila and I.E. Beshire Assessment of some reproductive Trails in Exotic and Crossbred Dairy Cow in the Sudan. U.of K. J. Agric. Sci. 12(1) 2004.
26. M.A.Abu Nikhaila Seasonal & parity Effect on milk yield of camels under pastoral system in north kordofan. Camels News Letter 20 (2005)
27. Mohammed. O.M. & Abunikhala, A.M. (2006). The relationship between udder teat & milk vein measurement with daily milk yield in the camel (*Camels dromedarius*). The forth world conference on camel production. April (2006) UAE (Acceptance).
- 28.Fadlemola. A.A. Abu Nikhaila A.M and Yousif .I.A (2007) Lactation performance of crossbred Dairy cows in the Sudan Res.J of Agriculture and Biologic science) 3 (5) 389-393.
- 29.Fadlemola. A .A. Abu Nikhaila A.M and Yousif .I.A. (2007) Lactation curve and persistency of crossbred Dairy cows in the Sudan. J. Applied science Res. 3(10) 1127-1133.
- 30 Abu Nikhaila A.M and Manal A.Salim (2007) Hormonal versus Natural Estrous Synchronization Protocols in Nubian Goats. Proc. 14th International conf. on biotechnology in Animal Rep. (ICBAR) August, Cairo – Egypt.
- 31 Abdallah, M.Khair and Abu Nikhaila A.M. (2007) Sustainable use of dry Lands for Animal Production in Sudan. Proc. National symposium on Sustainable use of dry Lands in Sudan. UNESCO chair of Desertification Studies. October (2007) Khartoum- Sudan
32. Abu Nikhaila A. M and Manal. A.S. (2007). Hormonal versus Natural Estrous Synchronization Protocols in Nubian Goats. Proc. The 14th International Conference on Biotechnology in Animal Reproduction (ICBAR) 6-7 August 2007 Cairo, Egypt.

33. Bakheit, S.A, Fay, B. and Abu Nikhaila A.M (2008) Effect of management System on Sudanese Camels Calving Interval. Proc. WBC/ ICAR (2008) Satellite Meeting on Camel Rep. July (2008) Budapest. Hungary.
 34. Bakheit, S.A, Abu Nikhaila A.M and Fay, B. (2008) the Impact of farming System on Sudanese Camel Milk Production. Proc. WBC/ICAR (2008) Satellite Meeting on Camel Rep July (2008) Budapest. Hungary.
 35. Bakheit, S.A, Abu Nikhaila A.M and AbdelMgid, A, M. (2008) Camels (*Camelus dromedarius*) under pastoral system in North Kordofan –Sudan (Seasonal and parity effects on milk composition, J. Camelid science 1. (1) 33-37.
 36. Bakheit, S.A, Fay, B. and Abu Nikhaila A.M and and AbdelMgid, A, M. (2008) the Impact of farming System on Sudanese Camel Calves Growth Rate. Camels New litter 50 July (2008).
- Translated to Arabic a textbook “Applied Animal Reproduction (Khartoum University Press).
- Translated to English A feasibility study for milk collection and processing in the Islamic Republic of Mauritania. Arab Authority for Agricultural Investment and Development (AAAID),

V. Conferences, Seminars and Workshops Attended:

1. VI World conference on Animal Production, Helsinki, Finland, 1988.
2. International Symposium on Development of animal Resources in the Sudan. Faculty of Veterinary Science, University of Khartoum. Sudan 3rd – 7th January 1989.
3. Workshop on the effect of thermal environment on productive and reproductive performance of dairy cattle in Sudan, Wad Madani, Sudan 3rd – 4th of August 1991.
4. Workshop on Food Security Call; Faculty of Agricultural Sciences, Sudan University of Science and Technology and the Food and Agriculture Organization (FAO) held in Shambat, Sudan, 6th – 7th March 1991.
5. Animal wealth conference; Wad Madani, Gezira, Sudan (4th – 6th) August 1992.
6. Workshop on Recent Trends in Resources Management Strategies in African Arid Lands. Nairobi, Kenya, 1992.

7. Workshop on Food Quality Control and Future Prospects in the Third Millennium: Faculty of Agricultural Sciences, Sudan University of Science and Technology and AOAD, Khartoum, Khartoum, Sudan, 1 August 2000.
8. Workshop on Dairy Production, Processing and Marketing of Dairy products, Ministry of Animal Resource, Khartoum, August 2000.
9. MARDI-IDB International workshop on the use of Reproduction Biotechniques in Ruminants for OIC member countries, July 2002 MARDI. Malaysia.

VI. Extra-Curricular Activities:

International and local research assignments and feasibility studies pertinent to the field of animal Production with emphasis on Dairy Herd Fertility.

Full involvement in academic and social activities of students in the Faculty of Agriculture, Faculty of Veterinary Science and Faculty of Animal Production). They involved seminars convening, Examination Committees, Research Board, Supervision and Guidance of academic societies and undergraduates students.

VI. Membership of Professional Societies:

1. Sudanese Agriculture Society.
2. Sudanese Veterinary Association
3. Sudanese Environment Protection Society.
4. Sudanese Animal Production Society.
5. Irish Veterinarian and Research Workers Association.

VII. Administrative Experience:

- 1) Range and pasture management officer 1970-1974.
- 2) Head of the Dairy unit and experimental Dairy Farm 1984-1992.
- 3) Coordinator of M.Sc. tropical Animal Production 1985-1988.
- 4) Member of the University Council 1988-1993; 1997-to date.
- 5) Member of the University Farm Board 1988-to date.
- 6) Head Department of Animal Husbandry and Breeding 1988-1993.
- 7) Secretary of the Faculty Board 1995-to date.

8) Head Department of Dairy Production 1997- to date.

VIII. Local and International Assignment and Consultancies:

I have contributed as a leader or a member in the following technical studies.

1. Feasibility study for establishment of a Dairy Farm with three options: Exotic, Crosses and Indigenous Breed. The Sudanese Islamic Bank. Khartoum, Sudan.
2. Feasibility study for establishment of a large Dairy Farm (500 cow) in Soba District – private sector.
3. Feasibility study for establishment of Fodder and Milk Production at El Kadrou District – private sector.
4. Establishment of fattening center for sheep around Khartoum. Private Sector.
5. Executed a Training Session for 25 participants for the Ministry of Agriculture and Fisheries in the Sultanate of Oman (21-27 Sept. 1996), Financed by the Arab Organization for Agriculture Development.
6. A review of the Livestock Production under the restocking Programme for integrated resource management for desertification control. A consultancy assignment for project SUD/89/026-SUD/90xol UNDP and Sudan Government July 1997.
7. Rehabilitation and reformulation of the Livestock restocking programme for integrated resource management for desertification control. A consultancy assignment for project SUD/89/026-SUD/90xol UNDP and Sudan Government August 1998.
8. Rain Fed Agriculture in River Atbara. A feasibility study for intervention aiming at food security and income generating activities that shall be integrated, participatory, and sustainable and community based. PLAN SUDAN and SUDEXAM, June 1999.
9. Development of the dairy sector in Kassala District. PLAN SUDAN and SUDEXAM Co. August 2000.

10. Evaluation of the livestock sector in Northern and River Nile States for establishment of dairy and meat processing plants. A joint-venture between Sudan and Libyan Governments 2000.