



Abdelgadir Musaad Mustafa

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Qualifications and Academic History

- 1999: *Grade. V. Good Bachelor of animal production (Honor), University of Khartoum.*
- 2001: *Diploma in Computer Sciences, Bamsika Computer Institute, Khartoum, Sudan. Subjects: Introduction to Electronic Data Processing, Computer Operation and Microsoft Office (Word, Excel, PowerPoint, Access) and the internet.*
- 2013: *Master of Science (Animal production, Dairy production.) Khartoum University May 2013.*
- 2018: *Ph.D., (Animal Production, Dairy production and technology). Sudan University for Science and Technology, August 2018.*

PROFESSIONAL EXPERIENCE

Conservation and genetic improvement center (CGIC), Saudi Arabia. Riyadh. AL-kharj. From 1/9/2016 up to date.

- *Goat, sheep, cow and camel reproduction conservation and improvement. Semen collection, evaluation, semen processing and straw filling and conservation.*

Improvement of Research for Sustainable Development of Camel Production Project, (FAO), Saudi Arabia, Ministry of agriculture. From 31/7/2012 up 31/8/2016.

- *Researcher in the field of camel milk, management and reproduction in the intensive system.*

Camel & Range Research Center (KSA). Camel Breeding, Protection, and Improvement Project, (FAO). From 8/5/2008 up to 31/6/2012.

- *Records programming , estrus synchronization , semen testing and evaluation , machine milking of camel ,*
- *Milk pasteurization and analysis by lacto scan device, camel feed constituents. Participate in data in research projects conducted on camel feeding for milk and meat production, data recording, programming*
- *In addition, statistical analysis.*



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Camel & range research center (KSA). King Abdul-Aziz city For Science and Technology. Improvement production Efficiency of Native Goat Breeds Project 13/3/2006 to 28/4/2008.

Principal duties:

- *Follow-up and participate in the collection of data in research projects conducted on milk products (Yoghurt, cheese, ghee etc...), and analysis of these products.*
- *Recording and programming of data (Physical, biochemical, bacterial, palatability and quality control.*
- *Semen collection, evaluation and preparing for artificial insemination.*

Al-Mukarich Agricultural Dev. Co. (ONE OF AL- MUCHI AL MUKARICH GROUP), December /2002 TO January /2006

Principal duties:

- *As in charge for unit 4 (18000) heads. Feeding, estrus synchronization by sponge's hormone, insemination, lambing, and vaccination.*

Sudanese Kuwaiti Animal Production CO. Sudan .7/1999 – 11/2001.

- *In poultry production unit as in charge, broiler section, management and feeding.*

Courses and Training Certification:

- Training courses on - (Protein purification) in Camel & Range Research Center (camel Breeding , Protection, and Improvement Center , FAO) . From 23 to 26 April /2011.
- Training courses on - (Data Management) in camel & range research center (camel Breeding , Protection, and Improvement Center , FAO) . From 15 to 25 January /2011.
- Training period in camel & range research center (camel Breeding, Protection, and Improvement center –FAO). On camel diseases. from 14/7/1431 to 17/7/1431
- Training courses on camel farming survey, tools, and methodology .in camel & range research center, (camel Breeding, Protection and Improvement Center, FAO). From 12/6/2009 to 27/6/2009.
- Training period in camel & range research center (camel Breeding, Protection, and Improvement center –FAO). On documentation, experimental design, data analysis, and writing paper. From 2/3/2009 to 18/3/2009.



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- Animal production research center (koko)-Sudan, in poultry feeding & management (2/3/2002 to 31/5/2002).
- Arabic Dairy Company (Sudan) One of Arab Authority for Agricultural Inv & Dev Group (DAIRY FACTORY & ANIMAL PRODUCTION) 15/6/2002 to 19/9/2002.

Scientific Papers:

1- Sallal E. Almutairi & Ismaïl Boujenane & Abdelgader Musaad & Falah Awad-Acharari. Genetic and non-genetic effects for milk yield and growth traits in Saudi camels. 2010. *Trop Anim Health Prod* 42:1845–1853.

2- Sallal E. Almutairi & Ismaïl Boujenane & Abdelgader Musaad & Falah Awad-Acharari. 2010. Non-genetic factors influencing reproductive traits and calving weight in Saudi camels. *Trop Anim Health Prod.*, SDOI 10.1007/s11250-010-9529.

3- Al-Saiady, M. Y, H. H. Mogawer, B. Faye1, S. E. Al-Mutairi, M. Bengoumi1, A. Musaad and A. Gar-Elnaby2. 2012. Some factors affecting dairy she-camel performance. *Emir. J. Food Agric.* 24 (1): 85-91.

4- Abdelgadir Musaad & Bernard Faye & Abdelmoneim Abu Nikhela. M. 2012. Lactation curves of a dairy camel in semi-intensive system. *Trop Anim Health Prod* DOI 10.1007/s11250-012-0331-x.

5- Al-Saiady, M. Y., H. H Mogawer. , S. E Al-Mutairi. , M Bengoumi. , Musaad A., Gar-Elnaby A. and B. Faye. 2012. Effect of Different Feeding Regime on Body Weight, Ovaries Size Development, and Blood Estradiol, Progesterone Level in pre – Pubertal She-Camel (*Camelus dromedaries*). *Journal of Animal and Veterinary Advances* 11 (19): 3522-3526, 2012.

6- Abdelgadir M. Musaad, Bernard Faye, and Sallal E. Al-Mutairi. Seasonal and physiological variation of gross composition of camel milk in Saudi Arabia. 2013. *Emir. J. Food Agric.* 2013. 25 (8): 618-624.

7- Al-Saiady, M. Y., Mogawer H. H., Al-Mutairi S. E. , Bengoumi M. , Musaad A., Gar-Elnaby A., and Faye B. 2013. Effect of different system on body weight,



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testicular size developments, and testosterone level in pre-pubertal male camel (*Camelus Dromedarius*). *African Journal of Agricultural Research*, Vol. 8(22):2631-2636.

8- Faye, B., Konuspayeva, G., Narmuratova, M., Serikbaeva, A, **A.M. Musaad**, Mehri, H. 2013. Effect of crude olive cake supplementation on camel milk production and fatty acid composition. *Dairy science & Technol.*, 93:225-239. (DOI 10.007/s13594-013-0117-6)

9- Al-Saiady, M. Y., H. H Mogawer. , S. E Al-Mutairi. , M Bengoumi. Musaad A., Gar-Elnaby A. and B. Faye, 2014. Dietary and seasonal effects on body weight, ovarian development and blood reproductive hormone levels in peri-pubertal female camels (*Camelus dromedarius*). *Journal of Animal and Veterinary Advances*, **13 (14): p. 891-896.**

10- Faye, B., Althamma O., **Musaad A.**, Konuspayeva, G., Bengoumi M., 2014. Effect of selenium injection in pregnant camels on selenium status of their new-born and milk. *Emir. J. Food Agric.*, 26(4), 342-348 B. Scientific Conference of Camel Research and Production, Khartoum (SCCRP) 17th to 18th April 2013.

11- Konuspayeva G., Faye B, **Musaad. A.** 2013. Some lipid components of the camel milk and blood in intensive farming system in Saudi Arabia: *Emir. J. Food Agric.*, 26(4), 349-353

12- Ayadi, M., R. S. Aljumaah, **A. Musaad**, E. M. Samara, M. M. Abelrahman, M. A. Alshaikh, S. K Saleh and B. Faye. 2013. Relationship between udder morphology traits, alveolar and cisternal milk compartments and machine milking performances of dairy camels (*Camelus dromedaries*). *Spanish Journal of Agricultural Research*, 11(1): 790-797.

13- Faye B., S. Salih, G. Konuspayeva, **A. Musaad** , M. Bengoumi, R. Sbeoussi, 2013. Comparative effect of organic and inorganic selenium supplementation on selenium status in camel. *J. King Saud Univ. Sci*, 26, 149-158 (DOI/10.1016/j.jksus.2013.10.003)



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14- Ayadi, M., R. S. Aljumaah, **A. Musaad**, M., Bengoumi and B. Faye. 2014. Effect of vacuum level and pulsation rate on machine milking efficiency in lactating dromedary camels. *Revus des Regions Arides*. 2014. In: Séminaire international sur l'élevage et la faune sauvage dans les zones arides et désertiques SIEFAD2014, 16-18 décembre 2014, Djerba, Tunisie. Institut des régions arides de Médenine. s.l.: s.n., pp. 1-5.

15- Ayadi, M., **Musaad, A.**, Aljumaah, R. S., Konuspayeva, G., & Faye, B. (2015). Evaluation of teat condition and udder health of dairy dromedary camel's machine milked under intensive Saudi Arabian condition. *Veterinariâ*, 42(2), 396-397.

16- Moashi Y. , **Musaad A.** , Faye B. Measurement of camel milk flow with lactocorder©. (4th conference of ISOCARD , Silk Road Camel: The Camelids, Main Stakes for Sustainable Development) , June 8-12, 2015 Almaty, Kazakhstan.

17- Al-Saiady M.Y., Mogawer H.H., Al-Mutairi S.E., Bengoumi M., **Musaad A.**, Gar-Elnaby A., Faye B.. **2015**. Factors affecting feed intake, body weight, testicular size, and testosterone, follicle stimulating hormone (FSH) and luteinizing hormone (LH) serum concentrations in peri-pubertal male camels. *African Journal of Agricultural Research*, 10 (14) : p. 1709-1713.

18- Moez Ayadi. , **Abdelgader Musaad.** , Riyadh S Aljumaah. , Matar Abdelkarim, Bernard Faye. 2016. Effect of manual udder stimulation on milk partitioning and milk flow traits during the machine milking in dairy camels (*Camellus dromedary*). *Journal of Camel Practice and Research*, 23 (1): pp. 85-89.

19- Mahmoud A. Aziza, Bernard Faye, Marzouk Al-eknah, **Abdelgadir Musaad**. Modeling lactation curve of Saudi camels using the linear and non-linear forms of the incomplete Gamma function. 2016. *Small Ruminant Research* 137 (2016) 40–46.

20- Beaucher E., Nogueira N., Camier Bénédicte, Jardin J., Briard-Bion **Abdelgadir Musaad**, Konuspayeva Gaukhar, Faye Bernard, Gaucheron Frédéric. Physico-chemical characteristics of fresh and corresponding pasteurized camel milk from an intensive dairy farm in Saudi Arabia: 479. 2013. In: JAM 2013 (Joint Annual



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Meeting) ADSA-ASAS, Indianapolis, Indiana, July 8-12, 2013. American Dairy Science Association; American Society of Animal Science. s.l.: s.n., Résumé, 1 p.

21- Musaad, A., Ayadi, M., Khalil, A., Aljumaah, R. S., & Faye, B. (2017). Udder and teat shape and the Relationship with milk yield in camels (Camelus Dromedaries). Scholars Journal of Agriculture and Veterinary Sciences, 4(10), 418-423.

22-Abdelgadir Musaad, Bernard Faye, Ahmed Khalil, Moez Ayadi, and Riyadh S. Aljumaah. Change In udder Measurements Traits during Lactation and Its Relationship with Milk Yield in Dairy Camel (Camelus Dromedaries). Journal of Agriculture and Veterinary science. Volume 10, Issue 12 Ver. I (December 2017), PP 76-83.

Computer skill

- MS Office applications.
- Surfing and utilizing Internet and Messaging.
- Statistical programs, Feed formulation programs.

Personal Details:

NATIONALITY	<i>Sudanese</i>
STATUS:	<i>Married, three children.</i>
Date of Birth	<i>1st April 1973</i>
Place of Birth	<i>Sudan</i>
Language skills:	<i>Perfect command of spoken and written Arabic & English.</i>
E-mail:	faisalmus99@yahoo.com – faisalmus99@gmail.com
Permanent Address:	<i>Food & Agriculture Organization of the United Nation - Ministry of Agriculture), Saudi Arabia, Riyadh. P.O Box 761 Al-kahrj.</i>

REFERENCES

Presented upon request.



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