

CURRICULUM VITAE

Dr. Taha Mohamed El-Bedawy

Dr. Taha Mohamed El-Bedawy has more than 30 years experience in teaching and research in field of Animal Nutrition. His research works in Animal Nutrition is published in many international and Egyptian Journals. He also has contribution in some developing program specially in small farming activities in North Sinai and Fayoum governorates in cooperation with some International agencies (USAID, GTZ and DFG). Recently, he has a great interest in high education development.

He is member of some scientific societies and editor for their official journals and he has participated and organized many conferences and training courses. He also a member of National Academy of Science (Committee of Feeds and feeding). Dr. El-Bedawy was awarded the state award in Agricultural science in 1996.

Dr. El-Bedawy served as Executive Director, Cairo University Agricultural Experiment and Training Station working in research coordination and responsible for Agricultural training for newly graduates. In 2004, he was the general supervisor of Library and Information Center of Faculty of Agriculture, Cairo University. He was appointed President of academy of specialized studies, Workers University. Now he is professor in Animal Production Department, Faculty of Agriculture, Cairo University.

Personal data

Nationality: Egyptian
Birth date: 25 November, 1954
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Education:

- 1- Ph.D. Animal Nutrition, 1985. Faculty of agriculture, Cairo University
- 2- M.Sc. Animal Nutrition, 1981. Faculty of agriculture, Cairo University
- 3- B.Sc Agricultural Science (Animal Production), 1976. Faculty of Agriculture, Cairo University.

Professional Data:

Sept. 2009 - Now	Head, Animal Production, Faculty of Agriculture, Cairo University
Sept. 2007-2009	Professor of Animal Nutrition, Faculty of Agriculture, Cairo University.
Sept.2006 - 2007	Président of academy of specialized studies, Workers University, Egypt
October 2004- 2006	General Supervisor of Library and Information Center, Faculty of Agriculture, Cairo University
October 2000- 2004:	Executive Director, Cairo University Agricultural Experiment and Training Station.
July1995-October 2000:	Professor of Animal Nutrition, Faculty of Agriculture, Cairo University.

July, 1990- July 1995:	Assistant Prof., of Animal Nutrition, Faculty of Agriculture, Cairo University
Jan, 1990-July, 1990	Visiting Scientist in department of Dairy Sci., Ohio State University (OARDC), USA
June, 1985- Jan 1990:	Lecturer, of Animal Nutrition, Faculty of Agriculture, Cairo University.
June, 1981-1985:	Assistant Lecturer, of Animal Nutrition, Faculty of Agriculture, Cairo University
October, 1976-1981:	Demonstrator of Animal Nutrition, Faculty of Agriculture, Cairo University.

Professional experiences:

- 1-Teaching courses on Animal Nutrition for under-and graduate students
- 2-Research in the field of Animal Nutrition (*attached list of publication*)
- 3-Supervising 20 graduate students for MS and Ph.D. in the Department of Animal Production, Faculty of Agriculture, Cairo University.
- 3- Executive Director, Agriculture Experimental Station, Cairo University.
- 4- Director, Agricultural Training center in Faculty of Agriculture, Cairo University.

Participation in Some development projects:

- 1-Role of Small Ruminants in the Scio-economic Systems of The Small Farms in Egypt. GTZ (Germany) and Cairo University, 1985-1987.
- 2-Improving the productivity of Egyptian goats, Supreme Council of Universities (FRCU Grant 81002).
- 3-Small Scale Agriculture Activities "Development of goat production in North Sinai". Ministry of Agriculture in Egypt and USAID, 1982-1984.

Scientific fellowships

- 1-Three month fellowship in Gottengen University, Germany 1988.
- 2- Five month USAID fellowship in Ohio State University, USA, 1990.

Field studies

- 1-Two year experience with the small farmers in data collection on the village level in Fayoum Governorate with cooperation with German team.
- 2-Three month training in questionnaire design and analysis in Gottingen University, Germany.

Conferences

I. Participation

Alexandria- Egypt	October- 1989.	The third Egyptian-British Conference on Animal, Fish and Poultry Production. Alexandria- Egypt., October, 7-10, 1989.
Assuit, Egypt	November- 1989.	The First Scientific Symposium on Animal, Poultry and Fish Nutrition. Assuit University, Assuit- Egypt. 26-27 November, 1989.
Mansoura-Egypt	December- 1990	The second Scientific Symposium on Animal, Poultry and Fish Nutrition. Mansoura University, Mansoura-Egypt. December 26-27, 1990.
Sakha, Egypt	November- 1991	The third Scientific Symposium for Animal, Poultry and Fish Nutrition. Sakha-Kafr El-Sheikh, MOA, Egypt. 26-28 November, 1991.
Assuit- Egypt	February 1992.	The National symposium on Water hyacinth, Assuit University, Assuit- Egypt. 26-28 Feb., 1992.
El-Fayoum- Egypt	September- 1992	The Fourth Scientific Symposium for Animal, Poultry and Fish Nutrition, Cairo University (El-Fayoum), El-Fayoum- Egypt. 12-18 September, 1992.
Cairo Egypt	November- 1992.	The International Symposium on Prospects of Buffalo Production in The Mediterranean/ Middle East. Cairo Egypt. 9-12 November, 1992.
Aarus, Denmark	August, 1993	The 44 th Annual Meeting of the European Association for Animal Production, Aarus, Denmark, 16-19 August, 1993.
Cairo, Egypt	November, 1994	The 8th Conference of The Egyptian society of Animal Production, Cairo, Egypt. 14-16 November, 1994.
Ismailia, Egypt	December, 1995.	The 5th Scientific Conference on Animal Nutrition. Suez Canal University, Ismailia, December, 1995.
Lillhammer, Norway	August, 1996	The 47 th Annual Meeting of the European Association for Animal Production, Lillhammer, Norway, 23-26 August, 1996.
Menofyia, Egypt	November, 1996	The 9th Conference of The Egyptian society of Animal Production, Menofyia University, Shibin El-Kom, Menofyia, Egypt, 14-16 November, 1996.
Minia, Egypt	1997	The 6th Scientific Conference on Animal Nutrition. Menia University, Minia, Egypt. 1997.
Warsaw, Poland	August, 1998	The 49 th Annual Meeting of the European Association for Animal Production, Warsaw, Poland, 24-27 August, 1998.
Arich, Egypt	1999.	The 7th Scientific Conference on Animal Nutrition. Suez canal University, Arich, Egypt. 1999.
Alexandria-Egypt	Nov., 2000	The 3 rd All African Conference on Animal Agriculture and the 11 th Conference of the Egyptian Society of Animal Production. Alexandria-Egypt, 6-9 November 2000.
Hage, Netherland	2000	The 51 st Annual Meeting of the European Association for Animal Production, The Hage, Netherland. 2000.
Budapest, Hungary	2001	The 52 nd Annual Meeting of the European Association for Animal Production, Budapest, Hungary, 2001.
Cairo, Egypt	2002	The 53 rd Annual Meeting of the European Association for Animal Production, Cairo, Egypt, 2002.
Rome, Italy	2003	The 54 th Annual Meeting of the European Association for Animal Production, Rome, Italy, 2003.
Mansoura, Egypt	2004	The 12 Conference of the Egyptian Society of Animal Production., Mansoura, 2004.
Cairo, Egypt	2006	The 13 Conference of the Egyptian Society of Animal Production, Cairo, Egypt 2006.
Cairo, Egypt	February, 2008	2 nd International Scientific Conference on Small Ruminant Production. 12-14 February 2008.

ii. Organizing Conferences

- 1-Treasurer and member of the organizing committee of The International Symposium on Prospects of Buffalo Production in The Mediterranean/ Middle East. Cairo Egypt, 9-12 November, 1992.
- 2-Treasurer and member of the organizing committee of The 8th Conference of The Egyptian society of Animal Production, Cairo, Egypt, 14-16 November, 1994.
- 3- Editor and member of the scientific committee of The 5th Scientific Conference on Animal Nutrition, Suez canal University, Ismailia, December, 1995.
- 4-Treasurer and member of the Scientific and Organizing committee of The 9th Conference of The Egyptian society of Animal Production, Menofya University, Shibin El-Kom, Menofya, Egypt, 14-16 November, 1996.
- 5-Secretary General of the Scientific Committee of The 6th Scientific Conference on Animal Nutrition. Menia University, Minia, Egypt. 16-18 November, 1997
- 6-member of the Scientific and Organizing committee of The 10th Conference of The Egyptian society of Animal Production, Assuit University, Assuit, Egypt, held in Assuit 13-16 December, 1998.
- 7- The 3rd All African Conference on Animal Agriculture and the 11th Conference of the Egyptian Society of Animal Production. Alexandria-Egypt, 6-9 November 2000.
- 8- The 53rd Annual Meeting of the European Association for Animal Production, Cairo, Egypt, 1-4 September, 2002.
- 9- Chairman of the Scientific committee of The 12th Conference of The Egyptian Society of Animal Production, Mansoura, University, Mansoura, Egypt, held in Mansoura 30/11-2/12, 2004.
- 10- Member of Organizer committee of the 14th Conference of The Egyptian Society of Animal production, Cairo, Egypt. 2006

Membership in Scientific Associations:

- 1- Member of The American Dairy Science Association (ADSA), 1990.
- 2- Elected member of the council and the treasurer of The Egyptian Society of Animal Production (ESAP) from 1991-present.
- 3- Member of the Egyptian Association of Nutrition and Feeds (ESNF).
- 3- Sector editor of the Egyptian Journal of Animal Production, The Official Journal of The Egyptian Association of Nutrition and Feeds.
- 4- Editorial secretary of The Egyptian Journal of Nutrition and Feeds, The official Journal of The Egyptian Association of Nutrition and Feeds (1997 – 2002).
- 5- Member of Academy of Scientific Research and Technology (Committee of Feeds and animal Feeding, 2004-2008

Awards

- State award from The Egyptian Academy of Scientific Research in Agricultural Science, 1996.
- Cairo University, faculty of Agriculture award of the best taught developed course 2005

Thesis

- El-Bedawy, T.M. 1985. Nutrition and Feeding systems using different energy and roughage levels for milk and meat production by goats Ph D thesis, faculty of agriculture, Cairo University.
- El-Bedawy, T.M. 1981. Feeding quality of untreated and NaOH-treated poor quality roughages by different ruminants. M.Sc. thesis. faculty of agriculture, Cairo University, Egypt.

List of publication

1. Gihad, E.A., El-Bedawy, T.M. and Mehrez, A.Z. (1980). Fiber digestibility by goats and sheep. *J. Dairy Sci.* 63:1701.
2. Gihad, E.A., El-Bedawy, T.M. and Allam, S.M. (1981). Comparative efficiency of utilization of untreated and NaOH-treated poor quality roughages through in situ digestion by sheep, goats and buffaloes. *International Symposium on Nutrition and Feeding Systems of Goats*, pp 327. Tours, France. May 12-15, 1982.
3. Allam, Sabbah, Abou-Raya, A.K., Gihad, E.A. and El-Bedawy, T.M. (1982). Nutritional studies by sheep and goats fed untreated and NaOH-treated rice straw. *Sixth International Conf. of Anim. & Poultry Production, Zagazig-Egypt*. September, 21-23, 1982.
4. El-Gallad, T.T., Gihad, E.A. Allam, S.M. and El-Bedawy, T.M. (1988). Effect of energy intake and roughage ration on the lactation performance of Egyptian Nubian (Zaraibi) goats. *Small Ruminant Research*, 1:327.
5. El-Gallad, T.T., Gihad, E.A. Allam, S.M. and El-Bedawy, T.M. (1988). Effect of energy intake and roughage ration on the performance of Egyptian Nubian (Zaraibi) kids from weaning to one year of age. *Small Ruminant Research*, 1:343.
6. Fettback, M., El-Bedawy, T.M. , Von Korn, S. and Peters, K.J. (1989). Untersuchungen zum leistungs potential einer lokalen ziegen rasse und deren integrations stelen wert unter klein bauerlichen strukturen am standort Agypten. *Vortragsveranstaltung der Deutsche Forschungs gemeinschaft (DFGZ) fur Zunchungskunde (DFGZ) und der Gesellschaft fur Tierchwissenschaft (GFT)*, Sept., 20-22, 1989.
7. El-Bedawy, T.M. (1989). Fat in small ruminant nutrition, preliminary study. Effect of fat inclusion on intake, digestibility and growth performance of goats and sheep fed high concentrate diets. *The third Egyptian-British Conference on Animal, Fish and Poultry Production*. pp 393. Alexandria- Egypt., October, 7-10, 1989.
8. El-Bedawy, T.M. (1989). Fat in small ruminant nutrition, preliminary study. Effect of fat inclusion on carcass characteristics of goats and sheep fed high concentrate diets. *The third Egyptian-British Conference on Animal, Fish and Poultry Production*. pp 401. Alexandria- Egypt., October, 7-10, 1989.
9. El-Bedawy, T.M., Hanafy, M.A. and Higazy A. (1989). Effect of feeding all-barley diet with or without sodium bicarbonate on the physiological and productive performance of dairy goats. *The third Egyptian-British Conference on Animal, Fish and Poultry Production*. pp 377. Alexandria- Egypt., October, 7-10, 1989.
10. El-Bedawy, T.M., Salama, M.A.M. and Bedeir, L.H. (1989). Effect of restricted milk intake on productive performance of buffalo calves up to six months of age. *The third Egyptian-British Conference on Animal, Fish and Poultry*

- Production, pp 521. Alexandria- Egypt., October, 7-10, 1989.
11. Salama, M.A.M., El-Bedawy, T.M. and Bedeir, L.H. (1989). Effect of early weaning on productive performance of buffalo calves up to six months of age. The third Egyptian-British Conference on Animal, Fish and Poultry Production, pp 535. Alexandria- Egypt., October, 7-10, 1989.
 12. El-Bedawy, T.M., El-Gallad, T.T., Gihad, E.A., Abd El-Gawad, AM., Hanafy, M.A. and Abdul-Aziz, G.M. (1989). Ureated barley and poultry manure in concentrates for small ruminant in valley and desert of Egypt. J. Agric. Sci., Mansoura Univ. 14:2386.
 13. Hanafy, M.A. and El-Bedawy, T.M. (1990). Effect of abrupt change to all-concentrate or all roughage diet on the performance of lactating goats. J. Agric. Sci., Mansoura Univ. 9:2378.
 14. El-Bedawy, T.M. (1990). Fat in Ruminant Nutrition. Proceedings of the second Scientific Symposium on Animal, Poultry and Fish Nutrition, pp 87. Mansoura University, Mansoura-Egypt. December 26-27, 1990 (In Arabic).
 15. Gihad, E.A. and El-Bedawy, T.M. (1990). Camel Production in Egypt. Prospective for improvement and development. Proceedings of the second Scientific Symposium on Animal, Poultry and Fish Nutrition, pp 161. Mansoura University, Mansoura-Egypt. December 26-27, 1990 (In Arabic).
 16. El-Bedawy, T.M., El-Hamamsy, H.T. and Edrise, B.M. (1991). Intensive production of small ruminants. 1. Nutrient utilization by post-weaned pure- and cross-bred kids compared with lambs. J. Egypt. Vet. Med. Ass. 51:51.
 17. El-Hamamsy, H.T., El-Bedawy, T.M., Edrise, B.M. and Yassin safaa (1991). Intensive production of small ruminants. 2. Incidence of urolithiasis in growing pure- and cross-bred kids compared with lambs. J. Egypt. Vet. Med. Ass. 51:61.
 18. El-Badawi, A.Y., Ahmed, S.M., Gado, H.M. and El-Bedawy, T.M. (1991). Effect of urea treatment on chemical composition and in vitro organic matter disappearance of some poor quality roughages. Egypt. J. Anim. Prod. 26:923.
 19. El-Badawi, A.Y., Fekry, A.E., El-Bedawy, T.M. and Gihad, E.A. (1991). Effect of changing dietary protein on body composition and some blood parameters of sheep and goats. J. Agric. Sci., Mansoura Univ. 16:9.
 20. El-Bedawy, T.M. (1991). Fat in Ruminant Nutrition: New techniques. Proceedings of the third Scientific Symposium for Animal, Poultry and Fish Nutrition, pp 244. Sakha-Kafr El-Sheikh, MOA, Egypt. 26-28 November, 1991 (In Arabic).
 21. Gihad, E.A. and El-Bedawy, T.M. (1991). Saline water and salt brush in feeding camel, goat and sheep. Proceedings of the third Scientific Symposium for Animal, Poultry and Fish Nutrition, pp 60. Sakha-Kafr El-Sheikh, MOA, Egypt. 26-28 November, 1991 (In Arabic).
 22. Gihad E.A. and T.M. El-Bedawy (1992). Protein requirements for maintenance by camel. Proc. 1st Int. Camel Conference. Dubai, United Arab Emirates, ppp 412 (Abstr.). R&W Publications.
 23. El-Bedawy, T.M. (1992). Simple approach to improve the utilization of water hyacinth by ruminants. The National Symposium on Water Hyacinth, pp 65. Assuit University, Assuit, Egypt. Feb. 26-28, 1992 (In Arabic.).
 24. El-Bedawy, T.M., El-Badawi, A.Y., Ahmed, S.M. and Gihad, E.A. (1993). Effect of dietary protein level on nutrient utilization, rumen fermentation and composition of body change of Rahmani sheep and Zaraibi goats. Egypt. J. Anim. Prod. 30:251.
 25. El-Bedawy, T.M., E.A.Gihad and Allam, Sabbah (1993). Assessment of protein

- maintenance requirements of ruminants from metabolism trial data. The 4th Symposium on Animal, Poultry and Fish Nutrition, pp 48. El-Payoum, Egypt, Sept.12-18, 1993.
26. Allam, sabbah, El-Hussiny, H.M., El-Bedawy, T.M. and Shahin, F.H. (1994). Effect of fat source, level and calcium supplements on the in vitro fiber digestion. Egypt. J. Anim. Prod. 31:149.
 27. El-Bedawy, T.M. Murad, H.M. Shafie, M.M. and Salem, S.M. (1994). Water intake of sheep as influenced by feed intake and environmental temperature. Egypt. J. Anim. Prod. 31:329-336.
 28. El-Bedawy, T.M. El-Hussiny, H.M. Allam, sabbah and Shahin, F.H. (1994). Effect of dietary fat and calcium supplements on in vivo digestibility, rumen fermentation and some blood constituents of sheep. Egypt. J. Anim. Prod. Suppl :59-73.
 29. El-Bedawy, T.M., Abd El-Gawad, A.M., Gabra, M.A. and Scander, A.F. (1994). Full fat sunflower seeds or oil as fat supplement for dairy cows. Egypt. J. Anim. Prod. Suppl :147-160.
 30. Murad, H.M., El-Bedawy, T.M., Shafie, M.M. and Salem, S.M. (1994). Effect of heat stress and dietary roughage level on rumen function, nutrient utilization and water turnover by native Egyptian sheep. Egypt. J. Anim. Prod. Suppl : 361-372.
 31. Shafie, M.M., Murad, H.M., El-Bedawy, T.M. and Salem, S.M. (1994). Effect of heat stress on feed intake, rumen fermentation and water turnover in relation to heat tolerance response by sheep. Egypt. J. Anim. Prod. 31:317-328.
 32. Abou Hussien, E.R.M., Gihad, E.A., El-Bedawy, T.M. and Abdel Gawad, M.H. (1994). Response of camels, sheep and goats to saline water. I. Feed intake, nutrient utilization and basic patterns of rumen fermentation. Egypt. J. Anim. Prod. Suppl : 373-386.
 33. Abou Hussien, E.R.M., Gihad, E.A., El-Bedawy, T.M. and Abdel Gawad, M.H. (1994). Response of camels, sheep and goats to saline water. II. Water and mineral metabolism. Egypt. J. Anim. Prod. Suppl :387-402.
 34. El-Bedawy, T.M., Salama, M.A.M., Allam, sabbah and Khalil, S.S. (1994). Effect of feeding and housing systems on the performance of buffalo calves raised during summer season. Egypt. J. Anim. Prod. Suppl :601-612.
 35. Gihad, E.A., T.M. El-Bedawy, Allam, Sabbah and El-Banna, H.M. (1994). Effect of dietary energy and protein on nutrient utilization by sheep, goats and camels. Egypt. J. Anim. Prod. Suppl :75-88.
 36. El-Bedawy, T.M., El-Badawi, A.Y. and El-Banna, H.M. (1994). Models to determine nitrogen requirements for maintenance from nitrogen balance trials with application on local goats. Egypt. J. Anim. Prod. Suppl :45-58.
 37. El-Bedawy, T.M. (1995). Preparation of sunflower oil calcium soap as a protected fat and its use in ruminant nutrition. J. Agric. Sci., Mansoura Univ. 20:231.
 38. El-Bedawy, T.M. (1995). Development of calcium salts of fatty acids of sunflower oil as protected fat. Proc. 5th Sci. Conf. Animal Nutrition, Vol. 1: 65 - 67, Ismailia, Dec., 1995. In Arabic
 39. Gihad, E.A. and El-Bedawy, T.M. (1995). Camel production and the nutritional studies in Cairo University: past, present and future activities: A review. Proc. 5th Sci. Conf. Animal Nutrition, Vol. 2. Ismailia, Dec., 1995.
 40. El-Bedawy, T.M., Salem M.A.I. and Badr, E.A. (1996). Effect of dietary fat on growth performance and carcass characteristics of finishing bulls. Egypt. J. Anim. Prod. 33 : 103-112.

41. El-Bedawy, T.M., Allam, Sabbah M. El-Kholy, A.F. and A. Basiony (1996). Response of growing buffalo calves to fat containing rations. Egypt. J. Anim. Prod. 33:79
42. El-Bedawy, T.M., Hanafy, M.A., Gomaa, I. A and Y.L. Yossef (1996). Magnesium supplement or adjusting dietary cation-anion balance to improve the utilization of water hyacinth hay by sheep. Egypt. J. Anim. Prod. 33: 161-172.
43. El-Badawi A.Y., El-Bedawy T.M. and Gado, H.M. (1996). Energy and protein requirements for growth of Baladi goat. Egypt. J. Anim. Prod. 33: 123.
44. El-Bedawy, T.M. (1997). Re-evaluation of nutrient requirements of ruminants. Protein maintenance requirements for sheep. Proc. the 6th Conf. Anim. Nutrition. Egypt. J. Anim. Nutrition and Feeds (Special Issue), 25 (Abstr:).
45. El-Bedawy, T.M; El-Badawi, A.Y and Abedo, A. A.(1998) Protein Requirements for maintenance of Egyptian sheep breeds. Egypt. J. Anim. Prod.. 35: 429.
46. Farghaly, M.S. Sawsan M. Gad and T.M. El-Bedawy (1998). Response of growing lambs and goat kids to dietary sodium bicarbonate supplement. Egypt. J. Anim. Prod. Supp 35):11-22.
47. El-Bedawy, T.M. (1999) Biotechnology in animal nutrition (An overview). Proceedings of 1st Congress on Recent Technologies In Agriculture, Cairo University, Faculty of Agriculture, pp 696-707.
48. البداوى، طه محمد (1999). أثر الثورة العلمية والتكنولوجية على الزراعة: الاقتصاد العالمى الجديد و موقع مصر فيه: كيف تستفيد مصر من التقسيم الدولى الجديد للعمل(مصطفى كامل السيد و صلاح سالم زرنوقه). مركز دراسات وبحوث الدول النامية، القاهرة 1999.
49. Hanafy, M.A., Yacout, H.M., Abd El-Baset, Zidan, Afaf H. and El-Bedawy, T.M (2000). Effect of feeding corn stover or sugarcane tops silages on productive performance of dairy cows. Egypt. J. Nutrition and Feeds 3: 23-30.
50. Gihad, E.A. and T.M. El-Bedawy (2000). Contribution of goats to. Egyptian small farmers' food and income. The 7th International Conference on goats (ed: Y.Chabert. May 15-21, 2000.Tours, France
51. El-Badawi, A.Y., El-Bedawy, T.M. and El-Kady, R.I. (2001). Inclusion of sugar beet pulp in ruminant diets. 1. Effect of sugar beet pulp feeding level on feed utilization and weight gain of local growing sheep. Egypt. J. Nutrition and Feeds: 4:101-111.
52. El-Badawi, A.Y., El-Kady, R.I., El-Bedawy, T.M. and M.Z. Sedik, (2001). Inclusion of sugar beet pulp in ruminant diets. 2. Changes of rumen fermentation, microbial count and enzymatic activity associated with feeding different levels of ureated sugar beet pulp in rations of growing lambs. Egypt. J. Nutrition and Feeds. 4:113-124.
53. Abou Hussein, E.R.M., E.A.Gihad, T.M. El-Bedawy and M.H. Abdel-Gawad (2003). Effect of dietary oilseed supplement on nutrient utilization, milk yield and composition of lactating buffaloes. Egypt. J. Anim. Prod. 40:
54. El-Bedawy, T.M., I. A. Gomaa, Sabbah M. Allam and F.M. Abo-Donia (2004). Production of calcium salt of fatty acid from soap-stock on semi industrial

58. El-Bedawy, T.M., Sawsan M. Ahmed, M.A.I. Salem and H. A.A. Omer (2004). Effect of dietary protected fat and roughage level on growth performance and carcass characteristics of growing-finishing lambs. *Egypt J. Anim. Prod.* 41 (Suppl.):237
59. El-Bedawy, T.M., G. Ashour, Faten F. Abou Ammou and M. H. El-Shafie (2004). Effect of heat stress on protein requirements for maintenance of Egyptian Nubian goats. *Egypt J. Anim. Prod.* 41 (Suppl.): 195
60. El-Bedawy, T.M. (2004). Feed Biotechnology: The Science of Animal Nutrition. A review article presented in The 12th Conference of the Egyptian Society of Animal Production. Mansoura, Egypt. 30 Nov.- 1 Dec., 2004. *Egypt J. Anim. Prod.* 41 (Suppl.):161
61. El-Shafie, M. H., G. Ashour, Faten F. Abou Ammou and El-Bedawy, T.M. (2005). Effect of environmental temperature on fasting nitrogen metabolism and protein requirements for maintenance of Egyptian Nubian goats. *Egypt. J. Nutr. & Feeds*, 8: (special issue) 501-510.
62. Fadel, M., Allam, S.M., El-Bedawy, T.M., El-Amari, H.H. and Mahmoud, S.H. (2005). Nutritive value improvement of sugar beet pulp through microbial treatment. 1. Selection and optimization of culture condition for selected fungal strain performance. *Egypt J. Microbiol.* 11:125-134.
63. Omer, H.A.A., Sawsan M. Ahmed, T.M. El-Bedawy and M.A.I. Salem (2005). Evaluation of lignin or silica as a natural marker in comparison with the standard total collection method to determine nutrient digestibilities by sheep fed high or low roughage diets. *Egypt. J. Nutr. & Feeds*, 8: (special issue) 285-296.
64. El-Bedawy, T.M., M.A. Hanafy, I.A. Gomaa and Y.L. Phillip (2006). Evaluation of protected fat produced from soap stocks in ration of dairy cows. *Egypt J. Appl. Sci.*, 21 (2) 17-28.
65. Allam, Sabbah M., T.M. El-Bedawy, Hanna H. El-Amari and Shereen H. Mohamed (2006). Improving sugar beet pulp through biological treatment. *Egyptian J. Nutrition and Feeds*, 9.2: 235-247
66. Abdel Gawad, M.H., Sawsan M. Gad, Eman H. El-Sabaawy, H.M. Ali and T.M. El-Bedawy (2007). In vitro and in vivo digestion of some low quality roughages supplemented with fibrolytic enzymes for sheep Egypt. *Nutr. & Feeds*, 10:2 (special issue) 663-678. Proc. 11th Sci. Conference on Animal Nutrition, 12-15 Nov. 2007 Luxor, Egypt
67. El-Bedawy, T.M. (2008). Relationship between universal oil price and livestock production in Egypt. 2nd International Scientific Conference on Small Ruminant Production. 12-14 February 2008. Cairo Egypt
68. T.M. El-Bedawy, Sawsan M. Gad and M.S. Farghaly (2009). Effect of processing method of soybean on nutrient utilization, performance and carcass characteristics of sheep. *World Journal of Agricultural Sciences* 5(3): 332-336.

- 69 Sawsan M. Gad, M.H. Abdel Gawad, Eman H. El-Sabaawy, H.M. Ali and T.M. El-Bedawy (2010). Effect of fibrozyme[®] and roughage type on growth performance and carcass characteristics of growing barki sheep. *In press*