

CURRICULUM VITAE

Name: Mostafa Abd El-Razek Ibrahim Khalil
Date of Birth: 22 August 1964
Nationality: Egyptian
Marital Status: Married
Profession: Professor in field livestock farming systems
Languages: Arabic - mother tongue
English - good to excellent
German - fair working knowledge
French - fair
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Computer Skills:
Familiar with relevant word processing and spreadsheet & office programmers under windows

PROFESSIONAL EDUCATION:

10/09/2013 **Professor in livestock farming systems analysis**
05/03/2001 Ph.D. Economic of Animal Nutrition
Agricultural Faculty, Humboldt University in Berlin, Germany

Thesis Topic:

Utilization of vegetable and fruits market waste in dairy cow feeding. The study dealt with the comparison of traditional summer feeding in Egypt.

The objectives of the study were:

- 1- To test the wastes chemically and biologically.
 - 2- To evaluate the economical effect of replacement part of the traditional summer rations by vegetable and fruits market waste silage.
 - 3- To make contribution to avoid environmental pollution.
- Two digestibility's trials plus feeding trials were done.
 - Blood parameters were tested every two weeks, and milk composition was monitored.

20/12/1994 Zagazig University, Egypt
Agricultural Faculty, M.Sc.

Thesis Topic:

The utilization of agricultural by-products in sheep feeding. The study objective was comparison of treated (different options) vs. untreated rice straw for a period of 140 days.

- Two digestibility trials were done
- Blood parameters were tested every two weeks, and rumen liquor every month for digestibility.
- After the feeding trial the meat quality was analyzed.

15/06/1987 Zagazig University, Egypt
Agricultural Faculty, B.Sc. in livestock and Agricultural Sciences

PROFESSIONAL EXPERIENCE:

- 1989 to date** Ministry of Agriculture and land Reclamation
Agricultural Research Center (ARC) – Animal Production Research Institute (APRI):
Preparation and execution of research and extension for livestock farmers.
- 1991 to 2001** Participation in designing and implementing training programs on animal production for livestock extension specialists, simple technology transfer to small farmers and field days at farm level .
- Member of extension team responsible for implementing the National Campaign of Recycling Crops Residues Recommendations for animal feeding.
- Evaluation of Egyptian dairy farming activities (feeding systems, milk process, animal housing, milk hygiene, milk marketing at farm level) as part of Food Sector Development Program (FSDP), sponsored by EU and Egyptian Ministry of Agriculture.
- Member of Dairy Systems Analysis Group (DSAG); this group was a technical group jointly with Food Sector Development Programme (FSDP). The main tasks were:
- 1- Field visits and questionnaires design including all data about farm activities.
 - 2- Farm data collection and analysis to diagnose livestock farm problems as a base survey before FSDP intervention.
 - 3- Long term farm monitoring 4 years in monthly basis for data collection to know events that have been changed in farms over the previous month.
 - 4- Use optimization computer program for available farm recourses to suggest optimal different scenario for existing resources with consideration farmer preferences and constrains.
 - 5- Design yearly farm planning with optimal scenario, training extensions people to explain and try to convince farmers in the same area to use one of different scenario according to their preferences and existing farm recourses.
 - 6- Farm monitoring to follow up and measure farm development in rural areas.
 - 7- Report writing all achievements and constrains that facing implement the recommendation at farm level.
- Training and coaching livestock extensions specialists of Ministry of Agriculture under The joint Egypt- EU project of Food sector development program on extension methodology:
Participatory extension, Group farmers' extension, Individual extension, Feeding management for large ruminants, Treatment crops residues with urea solution, Silage making from corn and green crops residues, Milk hygiene evaluation through market chain milk producers, milk plants and middle traders and demonstrate on all extension models
- 1995 –1996** German language training course at the language Institute Munich (SIM).
- 1/03/1996** One month participation in three subject-oriented seminars held by the Food and Agriculture Development Center of the German Foundation of International Development on:
- Introduction to conditions prevailing in agriculture and animal production, and definition of technical terminology.
 - Possibilities of improving animal production in tropical countries.
 - Possibilities of applying the knowledge and skills acquired in the federal Republic of Germany under conditions prevailing in the home country.
- 02/04/1996** Practice-oriented advanced training in the field of animal production at the Institute for Applied Research in Livestock, Humboldt-university in Berlin, Germany.
Emphasis of training has been laid on the following:

- Development of computer – aided farm-modeling with the aim of:
- Increasing production and income of the individual farmer.
 - Increasing production and income in the region.
 - Improving extension for and education of farmers.
- 21/09/1997** Attending two training courses in presentation and meeting skills at British council Cairo
- 02/05/2000** Four months training in the field Project Plan Matrix (PPM) and management the course was held by the Food Sector Development Programme Management Unit (PMU).
- 15/06/2000** Two months course in report writing in American Professional Resource Center in Cairo.
- 13/08/2000** Attending a training course for four months “International course on dairy farming in rural development” in Holland. The training was in the field Sustainable dairy production approaches: matching technical knowledge (animal breeding, feeding farming systems) and socio- economic and environmental conditions. Two weeks practical on different livestock sectors (dairy – sheep & goat – milk processing and milk hygiene – corn silages making).
- 01/11/2001** Attending international training course in “**farm economics**” in "Sakha" training center. The course implemented under supervision Holland expertise on context twining programme between "Onkeark" training center in Holland and Sakha training center in Egypt.
- 2002 to 2012** Senior researcher in Livestock Production Systems Research Department
The department mandate is doing extension at farm level, doing on farm research to analysis livestock farming systems, constrains and opportunities for rural development, all research findings have to be published in conferences and scientific journals.
- Designing and developing farming systems using a computer optimizing models for development Egyptian dairy farm in rural areas. Regular real data collection from farmers in different areas concerning livestock production, reproduction, feeding, farm economics, crops production...etc. in order to maximize farm income spicily with focusing on livestock production.
- Training extension staff of different governorates on developed farm plan models compared with traditional farmer plan. Monitoring the impact of applying different technical innovation packages that applied by farmers within developed farm plan.
- 2002 to date** Trainer in Egyptian International Training Centre for Agriculture. (Central Administration for Foreign Agricultural Relations). Executing yearly training programs for (African, South American and Asian students), in field sustainable livestock and rural areas development.
- 26/01/2002** Attending training course in “Feasibility studies in animal production projects” in Ain Shams University - Egypt.
- 2004 to 2007** A member of project "The Virtual Extension and Research Communication Network (VERCON) that fund it by FAO, representing livestock sector. The main objective was to harness the potential of the internet and apply it to strengthening and enabling linkages among the research and extension components of the national agricultural knowledge and information system.
The overall goal of VERCON is to improve, through strengthened research-extension linkages, the agricultural advisory services provided to Egyptian farmers and in particular to resource poor farmers in order to increase Production in food and agriculture with the goal of raising farm incomes.
- 23/02/2009** Attending training course in “Evaluation and prospective analysis of ruminant production systems” held in international center of advanced Mediterranean agronomic studies (CIHEAM) Spain.
- 7/07/2009** Participating in evaluation program for affecting the social fund on agricultural sector in West Delta Egypt.

- 9/11/2009 Attending six weeks a training course in "Practical Technologies and Animal Husbandry in training center of Hubei Agricultural Officials (China)
- 2011 to date Head of Livestock Systems Research Department (LSRD) in Animal production research institute
- 25/12/2012 Attending four days workshop as fist regular meeting for livestock research and technology transfer experts that organized by Arab organization for agricultural Development (Libya).
- 20/10/2013 Attending three days workshop for Arab animal production experts to unify Arabic animal unit. The workshop organized by Arab organization for Agricultural Development (Jordan).

MEMBERSHIP OF SCIENNTIFIC ASSOCIATIONS:

- German universities alumni association.
- The Egyptian society of animal production.
- Association of research members of agricultural research center.
- The Egyptian sheep and goat association

SCIENTIFIC CONFERENCES PARTICIPATION:

- The Second Scientific Conference of the Animal Production Research Institute and.
- The Inter- Regional Symposium on Buffalo Future Prospects September, 2005.
- The 13th Scientific Conference of the Egyptian society of Animal Production organized by animal production department Faculty of Agricultural, Cairo university 2006.
- The14th Scientific Conference of the Egyptian society of Animal Production organized by animal production department Faculty of Agricultural, Cairo university 2008.
- The15th Scientific Conference of the Egyptian society of Animal Production organized by animal production department Faculty of Agricultural, Fayoum university 2011
- The16th Scientific Conference of the Egyptian society of Animal Production organized by animal production department Faculty of Agricultural, Cairo university 2012

PUBLICATIONS:

1-Utilization of farm modeling to increase farm i income under smallholder dairy mixed farming system

M.A.Khalil; T.H. Shalaby; M. A. El-Wardani and M.M Ismail
 Animal Production Research Institute, Agricultural Research Center, Ministry of Agriculture, Dokki, Giza, Egypt.
 The Second Scientific Conference of the Animal Production Research Institute and The Inter- Regional Symposium on Buffalo Future Prospects. September, 2005

2-Smallholder dairy production economics under mixed farming system In Egypt.

T.H.Shalaby; M.A. El-Wardani; H.B. Sammour; M.A. khalil And A.M.Ahmed
 Animal production Research Institute, Agricultural Research Center, Ministry of Agriculture, Dokki, Giza, Egypt.
 The Second Scientific Conference of the Animal Production Research Institute and The Inter- Regional Symposium on Buffalo Future Prospects. September, 2005

3-Feeding planning system as integrated package to improve mixed farming system

M. A. El-Wardani; M.M.I. El-Ashmawy; M.A.Khalil; Y. A. Abdel-Aziz and M. F. EL_Sayes
 Animal Production Research Institute, Agricultural Research Center, Ministry of Agriculture, Dokki, Giza, Egypt.
 The Second Scientific Conference of the Animal Production Research Institute and The Inter-Regional Symposium on Buffalo Future Prospects. September, 2005

4-Evaluation of Silage made from vegetable market wastes

Khalil, M. A.¹; I. A. Gomaa¹; H.E Jahnke¹ and G. H. Zaza²

1-Animal production Research Institute, Agricultural Research Center, Dokki, Giza, Egypt.

2-Faculty of agriculture, Humboldt University, Germany.

The Second Scientific Conference of the Animal Production Research Institute and The Inter-Regional Symposium on Buffalo Future Prospects. September, 2005

5-Effect of feeding vegetable market wastes on performance of dairy cows production

Khalil, M. A.¹; I. A. Gomaa¹; H.E Jahnke¹ and G. H. Zaza²

1-Animal production Research Institute, Agricultural Research Centre, Dokki, Giza, Egypt.

2-Faculty of Agriculture, Humboldt University, Germany.

The Second Scientific Conference of the Animal Production Research Institute and The Inter-Regional Symposium on Buffalo Future Prospects. September, 2005

6-Effect of feeding Ammoniated rice straw with Molasses on Lambs performance

Abdella M.M.; El-syaad, G.A.E. Hathout, M.K.and khalil, M.A.

Annals Of Agric. SC., Moshtohor. Vo. 36 (3): 1405-1417, 1998

7-Economics of some feeding packages application under mixed production system at EL-Beheira Governorate

M.A.Khalil, H.B.Sammour

The 13th Scientific Conference of the Egyptian society of Animal Production organized by animal production department Faculty of Agricultural, Cairo university 2006

8-Comparative Technical and Economic Study of Dairy Farming Systems in West Delta Region

El-Ashmawy M. M. I, H. B. Sammour, M. A. Khalil, M. A. El-Wardani and

Y. A. Abdel-Aziz

The 13th Scientific Conference of the Egyptian society of Animal Production organized by animal production department Faculty of Agricultural, Cairo university 2006

9-Dissemination constrains of technical packages in dairy farms in Upper Egypt.

Khalil M.A., M. M. I. El-Ashmawy, U. M. EL-Saied and M. A. El-Wardani

Animal Production Research Institute, Agricultural Research Centre, Ministry of Agriculture, Dokki, Giza, Egypt

Mansora university J. of Agric.Sciences Volume 32(10) :8113-8124, 2007

10-Characterization dairy farming systems in Upper Egypt

Khalil M.A. and M. M. I. El-Ashmawy

Animal Production Research Institute, Agricultural Research Centre, Ministry of Agriculture, Dokki, Giza, Egypt

The 14th Scientific Conference of the Egyptian society of Animal Production organized by animal production department Faculty of Agricultural, Cairo university 2008

11- Features of dairy farming under crop-livestock mixed systems in Upper Egypt.

Khalil M.A. and M. M. I. El-Ashmawy

Animal Production Research Institute, Agricultural Research Centre, Ministry of Agriculture, Dokki, Giza, Egypt

Mansora university J. of Agric.Sciences Volume 34(1) :125 - 137, 2009

12-Assessment some feeding packages on farm revenue of fattening Friesian calves in the Delta region of Egypt

Khalil M.A.I., H.M. El-Nahas, M.M. Tag El-Dein

Animal Production Research Institute Agricultural Research Center Ministry of Agriculture Dokki, Giza, Egypt. Mansora university J. of Agric.Sciences Volume 1(9) 425:440, 2010

13- Sheep and Goat production systems characterization in North West**Coastal – Egypt.**

El-Ashmawy¹ M.M.I., M.A. Khalil¹, H.B. Sammour², M.A. El-wardany¹ and S.Afify¹

- 1- Animal Production Research Institute, Agricultural Research Centre, Ministry of Agriculture, Dokki, Giza, Egypt.
 - 2- Agricultural Economic Research Institute, Agricultural Research Centre, Ministry of Agriculture, Dokki, Giza, Egypt.
- The 15th Scientific Conference of the Egyptian society of Animal Production organized by animal production department Faculty of Agricultural, Fayoum university 2011

14- Sheep and Goat production systems in North West Coastal of Egypt Technical and Economical aspects

Khalil¹ M.A. , H.B. Sammour² and M.A. El-wardany¹

- 1- Animal Production Research Institute, Agricultural Research Centre, Ministry of Agriculture, Dokki, Giza, Egypt.
 - 2- Agricultural Economic Research Institute, Agricultural Research Centre, Ministry of Agriculture, Dokki, Giza, Egypt.
- The 3th Scientific Conference of the Egyptian society of sheep and goat organized by sheep and goat department of animal production research institute Sharm El sheikh 2012.

15- Water efficiency under the mixed (Crop/livestock) farming system in Egypt.**Water efficiency in milking buffalo compared to cash crops.**

Khalil¹, M. A. I. and A. I. M. Ahmad²

- 1- Animal Production Research Institute, Agricultural Research Center, Ministry of Agriculture and land reclamation, Dokki, Giza, Egypt.
 - 2- Economic Research Institute, Agricultural Research Center, Ministry of Agriculture and land reclamation, Dokki, Giza, Egypt.
- The 16th Scientific Conference of the Egyptian society of Animal Production organized by animal production department Faculty of Agricultural, Cairo university 2012.

16- Preliminary trial to determine water productivity during growth and fattening periods of buffalo calves.

Khalil¹, M. A. I. and A. I. M. Ahmad²

- 1- Animal Production Research Institute, Agricultural Research Center, Ministry of Agriculture and land reclamation, Dokki, Giza, Egypt.
 - 2- Economic Research Institute, Agricultural Research Center, Ministry of Agriculture and land reclamation, Dokki, Giza, Egypt.
- The 16th Scientific Conference of the Egyptian society of Animal Production organized by animal production department Faculty of Agricultural, Cairo university 2012.

17- Milk production and marketing efficiency for dairy farms (case study in Kafer El-Sheikh – EL-Beheira – Qena) Governorates

Khalil¹, M. A. I. and A. I. M. Ahmad²

- 1- Animal Production Research Institute, Agricultural Research Center, Ministry of Agriculture and land reclamation, Dokki, Giza, Egypt.
 - 2- Economic Research Institute, Agricultural Research Center, Ministry of Agriculture and land reclamation, Dokki, Giza, Egypt.
- Journal of animal and poultry production, Mansoura university, Vol. (4) (2): 107 – 115, 2013.

18- Buffalo calf rearing pattern as adopted by some Egyptian dairy farmers: obstacles and opportunities

KHALIL M.A.I and R. M. AMMAR

Animal Production Research Institute Agricultural Research Center Ministry of Agriculture Dokki, Giza, Egypt. Animal production institute fourth scientific conference. 2013