

CURRICULUM VITAE

To obtain a competitive position in agriculture research & development institutions and project management, where I can practice my expertise and help in further development of the institution/company.

34 year of extensive experience in Administrative, Management and research positions at national and international institutions, and extensive networking with regional, national and international organizations. Several publications; scientific paper, leaflets and booklets.

Always willing to contribute to the situations beyond my area of responsibility and able to smoothly work under pressure and within multi-ethnic environment.

Have the ability to perform various tasks simultaneously, organization & leading team works, high presentation skills and ability to plan and achieve immediate & long term goals.

Personal Informations :

Name: Dr. Faisal Awawdeh

Date of Birth: 16 /1 / 1951

Place of Birth : Kufr-Assad , Irbid , Jordan

Nationality: Jordanian

Marital status: married

Gender: male

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Education:

PhD : Animal sciences / Washington state University, Pullman / USA. (Dec.1994- May.1997)

MSc : Animal Production / Faculty of Agriculture , University of Baghdad .Iraq. (Sep.1974 - Jun.1976)

BSc : Animal Production / Faculty of Agriculture . University of Baghdad .Iraq. (sep.1969 - Jun.1973)

General Specialization:

PhD : Animal nutrition / Mineral Metabolism

MSc : Animal Production.

BSc : Animal Production.

Main Research Subjects:

PhD : The effect of level and chemical form of selenium on the concentration of selenium, the concentration of Thyroxine of pituitary gland and Glutathione Peroxide enzyme in the blood of cows

MSc: Optimum age for fattening Awassi lambs

Jobs Positions:

Date	Position	Place
2012-2014	Regional Coordinator, Arabian Peninsula Regional Program (APRP)/ICARDA	Dubai/ICARDA office
2007 -2012	Director General of the National Center for Agricultural research and Extension	NCARE/Jordan
2006-2007	Assistant Director-General for financial, administrative Affairs and livestock	NCARTT/Jordan
2004-2007	Assistant Secretary-General	Ministry of Agriculture/Jordan
2003-2004	Animal production expert, Arab Authority for Agriculture Investment and Development (AAAID)	Sudan/Al- Khartoum
2002-2003	Technical Assistant for Director General, NCARTT	NCARTT/Ministry of Agriculture/Jordan
1999-2002	Director of animal production and Rangeland Program	NCARTT/ Ministry of Agriculture/Jordan
1997-1999	Director of AL-Ramtha regional Center	NCARTT/ Ministry of Agriculture/Jordan
1991-1993	Animal Production Researcher	NCARTT/ Ministry of Agriculture/Jordan
1985-1991	Manager of khanasri Research Station for Animal Production and Rangeland	NCARTT/ Ministry of Agriculture/Jordan
1978-1985	Head of Animal Production Department	Ministry of Agriculture/Jordan
1976-1979	School Teacher	Ministry of education /Libya/Tripoli
1973-1976	Researcher and Teaching Assistant	Faculty of agriculture/University of Bagdad. Iraq

2011	Head of Association of Agricultural Research Institutions in the Near East and North Africa (AARINENA)	NCARE/Jordan
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Key Qualifications:-

1. Working as director and researcher in kanasri station for sheep breeding for six years. In addition to many works related to feeding animal, breeding, mating and health programs. Participating in several research studies cooperation with Jordanian universities and some international organizations.
2. National coordinator for Mashreq-Magreb project in Jordan. (Integration between plant and animal production in dry areas) **ICARDA**. The mandate of this project is working with social communities to increase the productivity of sheep (milk and meat) and crops and improved income for farmers by using new technologies, seven years working directly with farmers
3. National coordinator (manager) for the agricultural regional program for the Middle East. (Danish project).
4. Consultant for Canadian project (Improved pastoral land), working for supervision and evaluation for Grazing and Fattening sheep inside barns in small projects for local communities.
5. Consultant in **FAO (TCP/JORD0067 project)** as specialist in animal production for coordinate and supervise the applications of pastoral resources information. (Observation and evaluation for pastoral resources unit in Jordan)
6. As expert in animal production to study economic, financial and technical feasibility studies for Jordanian investments project in Sudan with Arab Organization for Agricultural Development
7. Technical Consultant as animal production expert to provide technical advice to evaluate breeding, improvement and nutrition in animal production stations in **Oman**
8. National Coordinator for Animal genetic sources in Jordan (**FAO**).
9. As trainer in the different aspects of animal production (students, farmers, more than 15 course and conducting of many field days.
10. Director of Al-Ramtha Regional Centre. Management the regional centre and supervision the implementations of the annual plans connected with applied researchers and technology transfer projects implemented by researchers in the centre and following up the stations affairs that belongs to the centre. Evaluation of staff performance who working in the centre, putting annual plans continuing for implementations of research and studies connected to the centre. Also working to strength the relationship between the centre and Jordanian universities and agricultural decorates in the north to implement different activities.
11. Director of livestock programme /**NCARTT**. Supervision for implementation of researches and projects connected with animal production in various regions of the kingdom, evaluation of staff performance. Conducting the Annual Plans of the animal research at the national level. Organize and activate the relationship with other national and international institutions.
12. Ttechnical assistant for the DG of NCARTT
 - Preparing and observing the implementations of technical plans for various research programs in NCARTT.
 - Communication with international and national organizations connected with NCARTT.

- Coordination between the managers of the international funded projects.
 - Contributing in the preparation of bilateral technical agreements between NCARTT and relevant external and internal organizations.
 - Review monthly and annual reports publications issued by the centre.
 - Preparation of plans aimed to upgrade the performance of the centre.
13. Animal production Expert, Arab authority for agricultural investment and development, Sudan.
- participating in the preparation of economic, financial and technical feasibility studies for agricultural projects.
 - participating in the evaluation of the feasibility studies submitted to the authority. Establishing of investment projects in various areas of livestock (fishes, cows, sheep, and milk manufacturing) in the Arab countries.
 - Team leader of preparation a feasibility study to establish an animal production project in Jordan; Complementary Dairy project which consist of milk collection centres, dairy farm and dairy factory.
 - Preparing studies for restructuring some existing projects and companies
 - Following up the implementation of existing livestock projects and projects at its inception phase.
 - Evaluation Leban Lait company, Lebanon, the evaluation includes both the company dairy farm, remote farms (farmers dairy farm) and the milk collection centres
14. Assistant Secretary-General for livestock. Ministry of agriculture.
- official directly about veterinarian directorate, directorate of animal production and directorate of veterinary laboratories.
 - Develop livestock policies sector and supervision of the implementation of plans.
 - modernize and develop the import and export policies for the animals and its products.
 - participate in the negotiations with countries and the relevant organizations to identify areas of cooperation.
 - Follow-up and find solution to dairy farms problems.
15. Director of the twining project (Jordanian-Ireland) financed by European Union.
16. Director of small ruminant's health and the improvement of living for farmer's project in the Middle East and North Africa.
17. Member of many Faculty councils.
- Member of Arab fishery company council
 - Executive committee member of the Jordanian standardization and metrology Authority.
 - Member of the royal national committee for preparation the agriculture sector strategy
 - Chairman of the National group of the animal production and rangeland.
 - Member of the national committee for camels raising.
 - Member of the Jordanian higher technical committee for food and medical safety.
 - Member of the national higher committee for avian flu
 - Member of the planning committee in the ministry of agriculture.
18. Coordinator for the avian flu project funded by FAO
19. Experience in academic education.

- research and teaching assistant, faculty of agriculture. Baghdad University (1974-1976)
- research and teaching assistant in animal production, university of Washington 1996.
- teaching pastures and rangeland courses in Jerash university.(2001-2002)
- external examiner for MSc student (Awfa Al-azza) university of Jordan 2000. Concentration of some minerals in rangeland plants and Awassi sheep blood.
- co-advisor of PhD student Fawzi al-dabbas (the effect arginine amino acid in sexual maturity and reproductive traits of Awassi sheep.
- co-advisor of MSc student Faisal barakeh. University of science and technology 2003 .carcass characteristics of goat kids (crossbred, Damascus, local and Awassi lambs)
- co-advisor of MSc. Student Basher abd ah Hafez. University of Science and technology 2002(using trosopis in lambs fattening.
- co-advisor of MSc. Student Hussein Msalam . University of science and technology 2005 (the effect of different levels of energy in growth rate, feed intake and carcass characteristics of goat.
- co-advisor of PhD Zaied aljarrah. Bagdad university 2007 (the effect of some chemical treatment of olive cack in Awassi fattening
- co-advisor of MSc. Mustafa haweeleh. University of science and technology (the effect of trosopis on the growth rate and characteristics of poultry carcass.
- 20- Chair of the national committee for studying the animal diseases in Jordan.
- 21- Chairman of supervising committee of the agricultural curricula of the ministry of Education.
- 22- Vice-chairman of the national committee for Agriculture research and extension.
- 23- Chairman of judgment committee of Prince Hassan Award for excellence 2011.
- 24- Steering committee member of the Global Forum for Innovation in Agriculture, 3-5 February, Abu Dhabi, UAE
- 25- Organizer committee member of FAO workshop "FAO Regional Workshop on Animal Feed Resources and their Management in the Near East and North Africa Region", 23-26 March, Muscat
- 26- Director General for the National Center for Agriculture Research and Extension (NCARE), Recognize NCARE objectives in improving the livelihood of the farmers and sustain the natural resources, following up technically and administratively of the researchers and extension officers, more than 85 projects were run by NCARE 35 of them funded from different donors, build very strong relation with the national and international institutions.
- 27- Regional Coordinator for Arabian Peninsula Program, ICARDA, Dubai office, the project implemented in the seven countries of AP, it includes research, technology transfer and capacity buildings, the project management includes the technical and financial aspects, excellent relationship build with the national institution in the AP countries

Rewards:

- In 1973 university of Baghdad, faculty of agriculture. (Honoured as the distinguish student in the faculty).
- Several certificates and trophies from national and international institution.
- The Gold Medal for Jordan /American Biographical Institute.

Association membership:

- Agricultural Engineer Union.
- Association of scientific research friends.
- Association of organic Agriculture.

Training Courses:

Date	location	subject
2006	Amman, Jordan	Management for time and crises control
2003	Alkhartoom, Sudan	Preparing and analysis for economic feasibility studies.
1998	Public management institution, Yarmouk university. Irbid	Advance management course
1989	Kafr AL-sheikh, Egypt.	increasing Sheep fertility
1985	Addis Ababa, Ethiopia. ILCA institute	Animal nutrition and feed analysis
1985	Madrid, Spain ACSAD	Automated milking sheep

*Participating in many courses for a week each the Australian - Jordanian project (agriculture in dry area project)

- Integration of plant and animal production, 1989.
- Foster grain and automated harvest, 1991.
- The future of integration of plant and animal production in Jordan, 1991.

Sheep feeding and raring, Amman 1991 ICARDA, UNDP

Workshops:

Date	location	Subject
2006	Amman, Jordan NCARTT	Goat breeding in Jordan
2005		Workshop for avian flu for funded countries
2002	Tunisia	Applications of world health procedures
2001	Aleppo, Syria	Evaluating for projects funded by IFAD in the middle east and north America
2001	Amman, Arab center	The present and the future of goat breeding in Jordan
2000	Sustainable pasture project in Jordan	Modern techniques for fattening of Awassi sheep
1999	Tunisia, FAO.ICARDA	Alternative of feed resources and management of small ruminant in low rainfall areas
1998	Amman, Arab center	Developing of goat and sheep productivity
1991	Amman, Jordan	Using new technologies for increasing meat productivity

2007	Cairo, Egypt	Countries procedures for facing avian flu
2003	Amman, ICARDA	role of rural woman in technology transfer
2010	Aleppo, Syria	Integrated Agricultural production system for dry area
2010	Montpellier, France	The Global Conference on Agricultural Research for Development (GCARD)

Studies

- Study of sheep fertility, Mashreq- magreb project. ICARDA 1997
- Economic, technical and financial feasibility study for Jordanian investment project in Sudan. Arab organization for agricultural development 2000
- Social and economic study for camels raring in Jordan
- Team leader of preparation study of animal production in Jordan 2003.(AAAID)
- Preliminary study for the establishment of the red meat project in the eastern region of morocco, 2003.(AAAID)
- Head of economic, technical feasibility team for establishing animal production project, 2004. (AAAID)
- Evaluating the establishment Cab Genat fish farm. Algeria, 2004. (AAAID)
- Study of restructuring of dairy project and AL-bager cows station including the milk collection centres, Khartoum, Sudan.2004 (AAID)
- Evaluating the Lebanon dairy (cows farmers, dairy factory, milk collection centres 2004.(AAAID)
- Evaluating the achievements of the shrimp farming in Jeddah, Saudi Arabia. (AAAID) 2005
- Report on the modern biotechnology applications in animal production, Jordan. Arab organization for agricultural development 2005
- Technical, economic, financial, feasibility study for investment in animal feeding, Algeria. 2006 (AAAID)
- Country study on the recycling of agricultural residues in Jordan. Arab organization for agricultural development 2006.Jordan
- A technical study for the establishment of sheep breeding project. Sudanese Arab Company, Khartoum 2007.
- The available alternatives to alleviate and mobilized animal feed subsidies in Jordan. FAO 2007.
- Biophysical baseline and background summary for green sectors and for water resources in Karak Governorate (Jordan)FOR THE: Climate Change and Adaptation Solutions for the Green Sectors of Selected 'Zones' in the NENA Region (FAO),2015.
- Improving Practices of Livestock Management in Jordan, The Arab Women's Fund (AWEF) Program, 2016.
- Smallholders Revitalization Project, Iraq. IFAD,2016/2017.
- Small Ruminants Investment Project, Jordan. IFAD,2016/2017.

a) Published papers:

- 1- Al- Mahmood (Awadeh), F.T., A.A. Younis, and S.M. A. Farhan. 1976. Age for Fattening Awssi Lambs. *Iraqi J. Agric. Sci.* 6: 66.
- 2- Younis, A.A., F. Al-Mahmood (Awadeh), E.A. El-Tawil, and A.S. El-Shobokshy. 1977. Performance and Heat Tolerance of Awassi Lambs as Affected by Early Shearing. *J. Agric. Sci. Camb.* 89:565.
- 3- Abu-Shehada, M.N., M.M. Muwalla, and F.T. Awadeh. 1988. Ovine Babesiosis in Jordanian Sheep Mistakenly Diagnosed as Plant Poisoning. *Preventive Veterinary Medicine.* Vol. 6:235.
- 4- Huniti, A.A., M.M. Muwalla, F.T. Awadeh, and M. Abuirjeie. 1989. Determination of Plasma Progesterone in Awassi Ewes Using Radioimmunoassay. *Arab Gulf J. Scient. Res., Agric. Biol. Sci.* B7: 37-42.
- 5- Muwalla, M., F. Tawfeeq (Awadeh). 1992. *Some Aspects to Increase Awassi Sheep Productivity in Jordan.* Workshop on the Strategies for the Development of Fat-Tail Sheep in the Near East. 5-9 October. University of Cukurova, Adana, Turkey.
- 6- Al- Jassim, R., F.T. Awadeh, and A. Abodabos. 1994. *Utilization of Urea-Treated Olive Cake by Growing Awassi Lambs.* Annual Meeting of the European Association of Animal Production, Edinburgh, 5-8 Sep.
- 7- Al- Jassim, R., F.T. Awadeh, and A. Abodabos. 1997. Supplementary Feeding Value of Urea -Treated Olive Cake when Fed to Growing Awassi Lambs. *Animal Feed Science Technology.* 64:287.
- 8- Awadeh, F. T. 1994. *The Effect of Early Weaning on Milk Production and Growth Rate of Awassi lambs.* In Crop and Livestock Improvement in Mashreq Region, ICARDA. Proceeding of the Mashreq Workshop on Increased Productivity of Barley, Pastures and Sheep in the Critical Rainfall Zones, 13-15 December 1992, Amman, Jordan.
- 9- Ababneh, M., M. Ayyadi, and F.T. Awadeh. 1994. *Effect of Forage Legumes on Barley Seed Yield and Lamb Fattening on Pasture Legumes under Rain-Fed Condition in Jordan.* In Crop and livestock improvement in Mashreq region, ICARDA. Proceeding of the Mashreq workshop on increased productivity of barley, pastures and sheep in the critical rainfall zones, 13-15 December 1992, Amman, Jordan.
- 10- Muwalla, M.M., M.N. Abu-Shehada, and F.T. Awadeh. (1994). Effects of Monensin on Daily Gain and Natural Coccidial Infection in Awassi Lambs. *Small Ruminant Research.* 13:205.
- 11- Muwalla, M.M., M.N. Abu-Shehada, F.T. Awadeh, N. M. Abuirmeileh, and R. Hill. 1995. Use of Dried Poultry Litter in the Diet of Pregnant and Lactating Awassi ewes. *Trop. Anim. Hlth. Prod.* 27: 106-112.
- 12- Awadeh, F.T., R.L. Kincaid, and K.A. Johnson. 1997. Effect of Level and Source of Dietary Selenium on Concentrations of Thyroid Hormones and Immunoglobulins in Cows. *J. Anim. Sci.* 75(Suppl. 1).
- 13- Awadeh, F.T., R.L. Kincaid, and M.M. Abdelrahman. 1997. *Effect of Selenium Supplementation on the Distribution of Selenium among Serum Proteins.* American dairy Science Association 92nd Annual Meeting. University of Guelph, June 22- 25.
- 14- Awadeh, F.T., R.L. Kincaid, and K.A. Johnson. 1998. Effect of Level and Source of Dietary Selenium on Concentrations of Thyroid Hormones and Immunoglobulins in Beef Cows and Calves. *J. Anim. Sci.* 76:1204.

- 15- Awadeh, F.T., M.M. Abdelrahman, R.L. Kincaid, and J.W. Finley. 1998. Effect of Selenium Supplements on the Distribution of Selenium among Serum Proteins in Cattle. *J. Dairy Sci.* 81: 1089.
- 16- Awadeh, F., and M.N. Abo-Shehada. 1998. *Management of Agricultural by-Products in Jordan*. The Proceedings of the Conference of the Challenges Facing the Management Profession in the Middle East and European Countries to Manage Agricultural Resources Effectively. Bradford, England. 14-16 July.
- 17- Abo-Shehada, M., and F. Awadeh. 1998. *Production Management of National Sheep and Goat Flock in Jordan*. The Proceedings of the Conference of the Challenges Facing the Management Profession in the Middle East and European Countries to Manage Agricultural Resources Effectively. Bradford, England. 14-16 July.
- 18- Awawdeh, F. T., and K., Tadors. 1999. Improving Awassi sheep productivity. The 3rd Agricultural Scientific conference. Muta' University. April 27-29.
- 19- Awawdeh. F. T., M, Abo-Shehada, and Q. Ershaidat. 1999. Jordanian Awassi sheep productivity Improvement by Technology Transfer of some Management Aspects: On farm trails. 1st International Conference on Sheep and Goat Diseases and Productivity. Jordan University of Science & Technology. October 23-25.
- 20- Awawdeh, F.T.1999 .Supplementation strategy used to improve sheep productivity in Jordan. Proceedings of Regional Work shop on : Feed Blocks and it's impact on Animal Resources Improvement 22-24 March ,Baghdad ,Iraq.
- 21- Awawdeh, F. T., Q. Ershedat, J., Al-Saraireh, and T., Enssirat.2000. Improving Awassi Sheep Meat Production by Management Aspects: Working with farmers. Workshop on Using the New Technology on Increasing the Red Meat Production. Khartoum, Sudan. February8-10.
- 22- Roussan, L. Awawdeh, F. Karableh, E. Akroush, S. Abu Soui, K. Al-Jouhari, N. Ghraibeh..2001. Community and Household-Level Impacts of Institutional Options for Managing and Improving Rangeland in the Low Rainfall Areas of Jordan : International conference, Tunisia May 6-11.
- 23- Abdelrahman, M.M., F. Awawdeh, and A. Al-Azah. 2002. Some Trace Minerals Status of Awassi Ewes and their newborns, at Parturition and Early lactation , Raised under Intensive and Semi – Intensive systems .Submitted to Dirasat
- 24- Abdelrahman, M.M., N.M. AL-Ryyan ,F. Awawdeh, and A. Al-Azah.2003. The effect of Dietary Zinc-Methionine on the performance of Growing Awassi Lambs. *Pakistan Journal of Biological Sciences* 6(11):979.
- 25- Amera,Hamra, F. m. Al-Dabbas, and F. Awawdeh. 2003. Effect of Arginine Supplementation on Puberty and Some Reproductive Traits in Female Awassi Sheep. *Journal of Agriculture Investment*. 2003,1:82-84.
- 26- Samia, A, F.T.Awawdeh.2003.Monitiring adoption and assessing impact of improved technologis transferred in Jordan under the mashreq and magreb project . Proceeding of the seventh International conference on the development of Drylands 14-17 september,Tehran ,Iran,
- 27-Abdullah, A.Y.,and F.T. Awawdeh.2004. The Effect of Protein Source and Treatment on Growth and Carcass Composition of Awassi Lambs. *Asain-Aust.J.Anim.Sci.* 2004, 17:1080-1087.
- 28-Awawdeh, F.T. 2005. Develop Livestock Productivity in the Traditional sector in the Arab World. Workshop on the national programme to improve animal productivity in the traditional sector. Damascus 17-20 July. Arab Organization For Agricultural Development.
- 29-Awawdeh, F.T. 2006. Applications of advance biological technology in animal production field in Jordan. Country report submitted to the Arab organization for agriculture Development.
- 30-Samia,A., and F.T., Awawdeh.2006. Adoption and Impact of Improved Technologies in Jordan, IN: Shideed. K.H., and M., Elmourid. Adoption and Impact Assessment of

- Improved Technologies in Crop and Livestock Production System in the WANA Region. International Center for Agricultural Research in the Dry Areas. Pp 83-95.
- 31-Awawdeh, F.T.2006. Using By-products in animal feeding on dry seasons /Effect of desertification on Livestock and rangeland, and effect of using technology to reduce its impacts on the Badia. Scientific day, Moata University.
- 32- Jawasreh ,k.I., F.S., Albarakeh ,F.T.Awawdeh , and F.aldabas. 2006 restricted selection index for some growth traits of Awasi Sheep in Jordan .8th world congress on genetics Applied to livestock production. August 13-18, belo- horizontal, MG, Brasil.
- 33- EL- Habbab, M.S., F.Awawdeh , and K., AL Zubeidi. 2006. Socio- economic study for sheep and goats in alkarak and Al-Mafraq governorates, ICARDA, Aleppo (unpublished)
- 34- Jawasreh K.I.Z.; Awawdeh F.T, AL-Barakeh F.S.; AL-Soob M.; and Al-Habahebbah N. 2008 . Additive and Multiplicative Adjustment Factors for Some growth Traits in Awassi sheep. Egyptian J. Nutrition and feeds (2008) 11 (2): 415-420
- 35- Jawasreh K.I.Z.; Awawdeh F.T, Rwashdeh, I and Hejazeen,F. The Allele and Genotype Frequencies of Bovine Pituitary Specific Transcription Factor and Leptin Genes in Jordanian Cattle Population by Using PCR-RFLP, Australian Journal of Basic and Applied Sciences,3(3):160-1606,2009.
- 36- Alazzeah A.Y., A.A., AbuGhazaleh., F.T. Awawdeh. Impact of Feeding Saltbush Twigs on Feed Intake, Weight Gain, and Some Mineral Levels of Fattening Awassi Lambs, Biol Trace Elem Res (2009)130:113-19,DOI 10.1007/s12011-008-8313-6
- 37- Jawasreh K, I; Awawdeh F, T;Al-Khasawneh, A.Z; Shdifat,B.; AlShboul,H. and Al-Hamed,B.,Research, **The Effect of some Placental Factors in Birth Weight of Awassi Lambs**, Journal of Animal and Veterinary Sciences,4: 5-8,2009
- 38- Jawasreh K, Awawdeh F, **Normal Haematology and Selected Serum Biochemical Values in Different Genetic Lines of Awassi Ewes in Jordan**. The Internet of Veterinary Medicine 2010: Voulme 7 Number 2,
- 39- AL-Betawi,A, N.,F.T. Awawdeh, and M.M. Khwaileh. Preliminary Study on Prosopis Juliflora Pods as Unconventional Feed Ingredient in Diets of Broiler Chicks. Animal Nutrition and Feed Technology (2010)10, 51-60.
- 40- K.I.Z Jawasreh ; I.M. Al-Rawashdeh; F. Awawdeh. Genomics and Quantitative Genetics "Genetic relatedness among Jordanian local Awassi lines Baladi Sagri, and Blackface and the black Najdi breed using RAPD analysis"2011
- 41- MayaF .M, F.T .Awawdeh, H. Miqdady. Effect of Exogenous Fibrolytic Enzymes Application to the Rations of Awassi Ewes. Res .J. of Aleppo Univ. (2010)
- 42- El Solh, Mahmoud and Faisal Awawdeh. The Role of Research and Technology Transfer in Enhancing and Sustain the Agricultural production and Improving Livelihoods in Dry Areas International Conference On Agricultural In Arid Land, March 19-21, 2013'Riyadh, Saudi Arabia.
- 43- El Solh, Mahmoud and Faisal Awawdeh. The Role of Research in Enhancing Food Security and Improving Livelihoods in Dry Areas, Middle East Horticulture Summit, Dubai, UAE, 26 March, 2013
- 44- Awawdeh, F. and Nejatian, A. Water Resources and Agriculture in Arab Countries, Chapter in (Arab World Latin America : economic and political relations in the 21st century) book. Published in 2016 by I.B. Tauris& Co.Ltd, London/ New York.

b) Other Publication:

- Guide of sheep breeding
- Using olive by products in ruminant nutrition
- Using of sponge and PMSG hormone in sheep
- Using mineral salts in sheep nutrition
- Sheep and its kids husbandry
- Using urea in ruminant nutrition
- Using feed block in sheep nutrition

In addition of many articles in agricultural engineer magazine more than 15 articles in different subjects