

Farhad Mirzaei,Ph.D

Job Title:

Member of Department of Animal Production Management Research, Animal Science Research Institute of Iran. (www.asri.ir)

Senior Research & Extension at the National Level ,Signed by Deputy Minister of AREEO (www.areeo.ac.ir)

Biographical Information:

Name: Farhad Mirzaei

Date of Birth: 17 May 1965(Bandar-e-Anzali)

Address: Animal Production and Management Research Department, Animal Sciences Research Institute of Iran, Rajaishahr Crossroad, P.O.Box:31585-1483, Alborz Province, Karaj, Iran.

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Key Experience:

Senior Researcher & Extensions for Livestock Production Management at national level from 2023 – 2025.

Livestock R4D Consultant at ANIMAL PRODUCTION MANAGEMENT ASSOCIATION

National Judge for election of best Milk Collection Company across Urban and Rural areas of the country from 2015 until Now

Ecosystem Services

Contribution of livestock to food security, sustainable food systems, nutrition and healthy diets

Safe Animal Production Management and Biodiversity

Livestock and Poultry Economics

Marketing of Animal Products and international trade of animal husbandry production

Rural Development and Poverty Reduction

Agricultural Policies in the world and Individual Regions

Participatory research to Livelihood improvement of smallholders in poor areas

Competitiveness in International Markets

Pricing and Sales Promotion Issues of Food Products

Farming system research

Professional Experience:

Helping Researcher to extend research projects results to the farmers regionally and nationally for last 10 years

<http://sabokdam.com/%D8%AA%D9%82%D8%AF%DB%8C%D8%B1-%D8%A7%D8%B2-%D8%AC%D9%86%D8%A7%D8%A8-%D8%AF%DA%A9%D8%AA%D8%B1-%D9%81%D8%B1%D9%87%D8%A7%D8%AF-%D9%85%DB%8C%D8%B1%D8%B2%D8%A7%DB%8C%DB%8C-%D8%AF%D8%A8%DB%8C%D8%B1-%D8%A8/>

<https://asri.ir/%D8%A8%D8%A7%D8%B2%D8%AF%DB%8C%D8%AF-%D9%BE%DA%98%D9%88%D9%87%D8%B4%DA%AF%D8%B1-%D8%A8%D8%AE%D8%B4-%D8%AA%D8%AD%D9%82%DB%8C%D9%82%D8%A7%D8%AA-%D9%85%D8%AF%DB%8C%D8%B1%DB%8C%D8%AA-%D9%BE%D8%B1%D9%88/>

<https://asri.ir/%D8%A8%DB%8C%D8%A7%D9%86-%D8%AF%DB%8C%D8%AF%DA%AF%D8%A7%D9%87%D9%87%D8%A7%DB%8C-%D9%85%D8%B3%D8%A6%D9%88%D9%84%DB%8C%D9%86-%D8%A7%DB%8C%D8%B3%D8%AA%DA%AF%D8%A7%D9%87-%D9%85%D9%84%DB%8C-%DA%AF%D8%A7/>

<https://www.mardomsalari.ir/newsletter/220975>

Visitor to farms and evaluation of feed, feeding system both advanced and traditional farming systems and provision, processing of main feed and by products in the feedstuffs and rations Ecosystem Services at provincial and national level for last 15 years

Contribution of livestock to food security, sustainable food systems, nutrition and healthy diets
Economic evaluation of native and crossbred cattle production system in rural areas
Development of nomadic productive system for sheep & goat production
Economic and effectiveness assessment of research in livestock and Poultry sub –sectors
Economic and effectiveness assessment of research in small ruminant
Economic and effectiveness assessment of research in dairy and beef finishing cattle
Investigation on Middle Asian and Central Asian countries potential for animal production and its commercialization
Investigation on Middle Eastern and North African (MENA) countries potential for animal production and its commercialization
National project on milk production
National project on meat production

Education:

Ph.D:Livestock Production Management, Dept. of Livestock production & Management, National Dairy Research Institute(N.D.R.I.) ICAR Deemed University,2010.

M.Sc: Animal production economics/Ministry of Jihad-e-Agriculture/Education and Research Organization/Higher Education Centre of Agriculture (2001).

B.Sc:Animal sciences/Tabriz University/Faculty of Agriculture (1990).

Awards:

- 1- **Award** by FAO for as an expert of the Technical Advisory Group (TAG) to develop the FAO LEAP guideline on Ecosystem Services. <https://www.fao.org/partnerships/leap/news-and-events/news/detail/en/c/1633716/>
- 2- **Award** by FAO for as Scientific Advisory Committee member for assessing the contribution of livestock to food security, sustainable food systems, nutrition and healthy diets. <https://www.fao.org/3/cc4021en/cc4021en.pdf>
- 3- **Achievement Award** by the International Goat Association (IGA) for Recognition of IGA's Most Active Country Representative.2020.
- 4- **Award** by the K + S GmbH and ATSAF to participate and present a paper during of Tropentag2019 Kassel University, 2019.
- 5- **Award** by Deutsches Institut für Tropische und Subtropische Landwirtschaft (DITSL, Witzenhausen, Germany) for participation in a 5 – day professional training course "Participatory Video Facilitation for Agricultural research for Development",2019.
- 6- **Award** by the IFCN conference, a global network of agricultural scientists, advisors and farmers for participation in 11th – 20th IFCN Dairy Conference during of 2012-2019, Germany, www.ifcndairy.org
- 7- **Award** by the Thünen Institute is a German, scientifically independent research institute under the auspices of the German Federal Ministry of Food and Agriculture (BMEL) to participate as research expert in international beef and sheep networking from 2018 -2019 in Ireland and Namibia,2019.
- 8- **Award** by Thufts University to attend in Livestock Emergencies Guidelines and Standards (LEGS) TOT workshop, Istanbul, December, 2013, Turkey. <http://www.livestock-emergency.net/>
- 9- **Award** by the Wageningen UR (University & Research centre), the Ministry of Economic Affairs, Agriculture and Innovation of The Netherlands and the World Bank to participate in Global Science Conference on Climate-Smart Agriculture 2011 (GSCSA 2011) from 24 – 26 October 2011 in Ede/Wageningen, The Netherlands. www.gscsa2011.org.
- 10- **Award** by Foundation for Promoting Poultry Science to participate in world poultry congress (WPC2012),Salavador, Bahia, Brazil.www.wpc2012.com.
- 11- **Sponsorship** from **Leibniz Institute of Agricultural Development in Central and Eastern Europe (IAMO),Germany** to participate in International conference IAMO FORUM 2006,Agriculture in the Face of Changing Markets, Institutions and Policies: Challenges and Strategies,29th of June – 1st of July 2006, Halle (Saale),Germany.
- 12- Award of **Operations Evaluation Department of the World Bank** to participate as a "sponsored invitee" to the Fifth OED Conference on Evaluation and Development, Evaluating Development Effectiveness: Challenges and the Way Forward, to be held on 15-16 July, 2003 at the World Bank headquarters, in Washington, D.C.USA.
- 13- Sponsored by **higher education commission Pakistan academy of sciences** to participate as a resource person to the INTERNATIONAL WORKSHOP ON SANITARY AND PHYTOSANITARY MEASURES IN THE WAKE OF TRADE LIBERALIZATION:

CHALLENGES TO AGRICULTURE IN DEVELOPING,12-14 January,2005,Pakistan Academy of Sciences,Rawalpindi University(UAAR),Pakistan.

14- The World Bank and Japanese Ministry of Finance support grant Awardee for participation at the Annual Bank Conference for Development Economics(ABCDE),to be held on May 29-30,2006 in Tokyo, Japan.

15- Award for Ph. D scholarship,2006-2009) from Government of India, Ministry of foreign Affairs (ICCR), Ministry of Agriculture(I.C.A.R.) to pursue Ph. D on Livestock Production & Management(LPM) in National Dairy Research Institute (N.D.R.I.),Deemed University, Indian Council for Agricultural Research(ICAR), Karnal, Haryana,132001,India.

16- Conference Organizing Committee award to participate in The Third International Conference on Linking Markets and Farmers: Exploring Leading Practices to Foster Economic Growth in Rural India, 11-15,2007.06.30.<http://www.globalfoodchainpartnerships.org/india/index.html>.

17- Award for M.Sc scholarship,1998-2001) from Government of Iran, Ministry of Agriculture, Educational and research organization(AREO) to pursue M.Sc on Livestock Production Economics in Higher Educational centre of Agriculture, Educational and research organization(AREO) ,Tehran,Iran.

18- Award for student travel grant from International Food and Agribusiness Management Association to attend the 18th Annual IAMA World Forum and Symposium, Hyatt Regency in Monterey, California,USA, June 14-17, 2008.www.ifama.org

19- Award for an Oral presentation on EAAE2008 from VLIR-UOS-grant for the EAAE 2008 Congress – XIIth Congress of the European Association of Agricultural Economists, 26-29 August 2008, Ghent- Belgium.<http://www.eaae2008.be/Program.pdf>

20- Award for participation in Food and Agricultural Trade E-Learning course at World Bank Institute,washington, D. C. , United States of America , April 20- May 15,2009
www.worldbank.org/wbi
[http://agriculture.academickey.com/whoswho.php?dothis=display&folk\[IDX\]=619193](http://agriculture.academickey.com/whoswho.php?dothis=display&folk[IDX]=619193)

List of related publications

- 1- Economic and effectiveness assessment of research in dairy and meat cattle.2022
- 2- Economic and effectiveness assessment of research in small ruminants,2022
- 3- Economic and effectiveness assessment of research in livestock and Poultry sub – sectors.2022
- 4- Using Pelleted feed in fattening male lamb diets,2021
- 5- Effect of whole soybean as omega-6 fat source on mammary gland and animal health, milk production and milk composition in Saanen goats after first kidding,2021
- 6- F. Mirzaei, 2020. What policy and future do sheep and goats need in Iran, International Congress on Sheep and Goats – Farmers and Scientists create Future 15-16 October 2020, Bonn, Germany
- 7- F. Mirzaei, 2020. World Goat Day 2017 (Symposium, Commemoration, Exhibition) at a glance, 8TH IDF INTERNATIONAL SYMPOSIUM ON SHEEP, GOAT AND OTHER NON-COW MILK, Virtual event hosted by the International Dairy Federation Head Office,4-6 Nov.,2020.
- 8- F. Mirzaei, 2019. How Agro –ecological Transition Could Sustain Goat Keeping in Nomadic Systems of Iran,Tropentag2019,Kassel university,Germany,2019.

- 9- Research paper, Iran- SWOT analysis of sheep production, agribenchmark, June, 7-12, 2019. Windhoek,Namibia.
- 10- Research Partner, Yearly Dairy Report (2020), IFCN, Kiel, Germany www.ifcndairy.org
- 11- Research Partner, Yearly Dairy Report (2019), IFCN, Kiel, Germany www.ifcndairy.org
- 12- Research Partner, Yearly Dairy Report (2018), IFCN, Kiel, Germany www.ifcndairy.org
- 13- Research Partner, Yearly Dairy Report (2017), IFCN, Kiel, Germany www.ifcndairy.org
- 14- Research Partner, Yearly Dairy Report (2016), IFCN, Kiel, Germany www.ifcndairy.org
- 15- Research Partner, Yearly Dairy Report (2015), IFCN, Kiel, Germany www.ifcndairy.org
- 16- Research Partner, Yearly Dairy Report (2014), IFCN, Kiel, Germany www.ifcndairy.org
- 17- Research Partner, Yearly Dairy Report (2013), IFCN, Kiel, Germany www.ifcndairy.org
- 18- Research Partner, Yearly Dairy Report (2012), IFCN, Kiel, Germany www.ifcndairy.org
- 19- Research Partner, Yearly Dairy Report (2011), IFCN, Kiel, Germany www.ifcndairy.org
- 20- Research Partner, Yearly Dairy Report (2010), IFCN, Kiel, Germany www.ifcndairy.org
- 21- Research partner, Yearly World Dairy Map (2010-2019), Kiel, Germany www.ifcndairy.org
- 22- S.H. Maaroufi, K. Rezaei, Z. Raftaniamiri, **F. Mirzaei**, Evaluating the effects of herbal essences from spearmint and wild thyme on the quality of camel's milk" International Journal of Food Science & Technology, Volume 50, Issue 10, pages 2168–2174, October 2015,
DOI: 10.1111/ijfs.12855.http://scholar.google.com/citations?view_op=view_citation&hl=en&user=MadqGYsAAAAJ&cstart=20&citation_for_view=MadqGYsAAAAJ:SeFeTyx0c_EC
- 23- B. Maleki and **F. Mirzaei**, "Efficient Components on Livestock Products Export in Iran," *Modern Economy*, Vol. 3 No. 8, 2012, pp. 931-938. doi: 10.4236/me.2012.38117.http://file.scirp.org/Html/5-7200374_26253.htm
- 24- **F. Mirzaei**, S. Prasad, A. K. Dang, J. P. Sehgal(2011). Efficacy of polyherbal feed additives on nutrient digestibility, milk yield and composition of lactating cross bred goats. Indian Journal of Animal Sciences **81** (8): 123.<http://epubs.icar.org.in/ejournal/index.php/IJAnS>
- 25- **F. Mirzaei**,S. Prasad,M. Mohini(2011),Evaluation of polyherbal supplementation on methane emission from dairy goats,EAAP2011,Stavanger,Norwayhttp://www.eaap.org/Stavanger/Stavanger_Book_of_Abstracts.pdf <http://aciar.gov.au/WCCApresentations>
- 26- S. Sofla, S., Taheri Dezfuli, B. and **Mirzaei, F.** (2011). **Interaction between genotype and climates for Holstein milk production traits in Iran**, African Journal of Biotechnology Vol. 10(55), pp. 11582-11587.<http://www.academicjournals.org/ajb/contents/2011cont/21Sep.htm>
- 27- **F. Mirzaei**(2011),**Iran Country Report: Update on Crossbred Dairy Goats**,IGA Newsletter(July).http://www.iga-goatworld.com/docs/2011_07_iga_newsletter.pdf
- 28- **F. Mirzaei**, S. Mostafavi and S. Yazdani,2012, "Export Comparative Advantage Analysis of Iranian Hen Egg by RCA & RSCA and RC Criteria," *Modern Economy*, Vol. 3 No. 5, 2012, pp. 553-556. doi: 10.4236/me.2012.35072.
<http://www.scirp.org/journal/PaperInformation.aspx?paperID=23323>
- 29- **F. Mirzaei**(2011) , Book review of Stewart Lockie and David Carpenter: agriculture, biodiversity and markets: livelihoods and agroecology in comparative

- perspective,Earthscan, London, UK, 2010, 318 pp, ISBN: 9781844077762,Agriculture and Human Values: 1-2,October2011. Agric Hum Values,DOI 10.1007/s10460-011-9341-y <http://www.springerlink.com/content/mk306x055733550h/fulltext.pdf>
<http://www.springerlink.com/content/mk306x055733550h/>
- 30-Taherpour, N., Salehi, M. and **Mirzaei, F.**2012. Evaluation certain environment factors on wool characteristics of Arabi sheep breeds. *Open Journal of Animal Sciences*, **2**, 11-14.doi:10.4236/ojas.2012.21002
<http://www.scirp.org/journal/PaperInformation.aspx?paperID=16786>
<http://core.kmi.open.ac.uk/display/5850674>
- 31-H. Fazaeli and **F. Mirzaei.**2012. Fattening performance of Iranian goats under intensive feeding system, Egyptian Journal of Sheep & Goat Sciences, Vol. 7 (1), P: 39-45.
<http://www.easg.eg.net/pdf/7-1-2012/5.pdf>
- 32-Shamsoldini M., Salehi M. and Mirzaei F.2012. Seasonal evalauation of the amount of Zn in serum of fluffy goats,Journal of Animal Science Advances,,Vol. 2, Suppl. 3.1, Pages 261-267.
http://www.grjournals.com/portals/grjournals/JASA/Vol2%20Issue3/Suppl_%201/JASA-22-261-267.pdf
- 33-Shamsaddini-Bafti, Mahnaz Salehi, Ali Maghsoudi, Ali Mostafa Tehrani, **Farhad Mirzaei*** and Syed Mojtaba Syed Momen.2012, Effect of sex and rearing system on the quality and mineral content of fiber from raeini cashmere goats. Journal of Animal Science and Biotechnology 2012 3:20. Doi: 10.1186/2049-1891-3-20
<http://www.jasbsci.com/content/pdf/2049-1891-3-20.pdf>
- 34-L.M.Camacho-Díaz, **F. Mirzaei***, M. Cipriano-Salazar and A.Z.M. Salem.2012. Chapter 3. Asparagus Racemesus as Natural Feed Additive Application for Ruminants and Non-Ruminants Healthy Products, **Nutritional Strategies of Animal Feed Additives**, NOVA Publishershttps://www.novapublishers.com/catalog/product_info.php?products_id=37628
- 35- J. Hernández-Melendez , R. Rojo-Rubio , A.Z.M. Salem, **F. Mirzaei**,A. González- Reyna, J.F. Vázquez-Armijo, O.D. Montañez-Valdez, F. A. Lucero-Magaña,2012. In vitro ruminal fermentation kinetics and energy utilization in diets for lactating 1 goats with different levels of dried citrus pulp, Journal of animal and feed Science, Vol. 3
<http://www.ifzz.pl/index.php>
- 36-**F.Mirzaei**,H.Afroozan,G.Tahmasbi(2006).Comparative study on production, consumption and export of honey product between Iran and world major producers,2nd Congress on Animal & Aquatic Sciences,13-14 Sptember,2006, Faculties of Agricultural & natural Sciences of Tehran University and Animal Sciences Research Institute(ASRI), Karaj, Iran.www.asri.ir
- 37-**Mirzaei, F.**, Future of agriculture in Iran: case study animal products 57th Annual Meeting of the European Association for Animal Production in Antalya, Turkey ; on 17th - 20th September, 2006..<http://www.worldwidirectory.com/Middle.East/Iran/Business/Agriculture/http://sites.worldbank.org/INTRAD/Resources/agriIran.doc>

38. Research Final Report

38-1. Kordnejad E.,Fazaeli H., **Mirzaei F.** ,2009.Study on the silage properties of the mixture sugar beet leaf & top and sugar cane bagasse with different levels of urea and molasses, Final report.Agricultural information and scientific documents center.R/N. 88/212, Agri. educational and Research Organization (AREO) .

38-2. Ghanbari A.,Fazaeli H., **Mirzaei F.** ,2008.Evaluation of nutritive value of whole crop barley on three methods of utilization for efficiency in animal nutrition, Final report.Agricultural information and scientific documents center.R/N. 86/1604, Agri. educational and Research Organization (AREO) .

38-3. Mohamadian. M.,Monem M., Teymouri A., **Mirzaei F.** ,2005..The determination of technical efficiency of sheep fattening in Gazvin provinces, Final report.Agricultural information and scientific documents center.R/N. 83/1650, Agri. educational and Research Organization (AREO) .

<http://www.asri.ir/Portal/File>ShowFile.aspx?ID=9cb439b1-3965-4fef-82df-796a3e93324c>
ftp://ftp.fao.org/upload/Agrippa/671_en.doc

39.M. Mohammadian, **F. Mirzaei**,A. Teymouri,M. Monem.2005.The determination of technical efficiency of sheep fattening in Qazvin province. final report.Agricultural information and scientific documents center.No. 83/1650, Agri. educational and Research Organization (AREO)

40.F. Mirzaei, O. Heidelbach,(2006),Production and Trade of Animal Products in Selected ECO Countries, International conference IAMO FORUM 2006,Agriculture in the Face of Changing Markets,Institutions and Policies:Challenges and Strategies,29. June – 1. July 2006, Halle (Saale),*Studies on the Agricultural and Food Sector in Central and Eastern Europe, Vol. 33*, Halle (Saale), IAMO, pp. 283-293. Leibniz Institute of Agricultural Development in Central and Eastern Europe (IAMO), Germany

http://econ.core.hu/doc/felhiv/programm_eng.pdf

41- **F. Mirzaei** , Book review of Linking Small-Scale Farmers to Markets. A Multi-Level Analysis with Special References to Malawi, Kenya and South Africa, by Stefan Canz. Book Series Communication and Extension 67. Published by Margraf Publishers, Weikersheim, 2005, (ISBN 3-8236-1468-1), 230 pp., t 25,60. Journal of Agricultural Education and Extension ,Vol. 14, No. 2, 171_173, June 2008.Routledge,Taylor & Francis Group.

<http://www.informaworld.com/smpp/content~content=a793277844~db=all~order=page>

42- **F. Mirzaei**, (2009), Review of book "Agricultural trade liberalization and the least developed countries' , Neik Koning and Per Pinstrup-Anderson, 2007, Wageningen UR Frontis series, Springer publication, 251 pp of The Journal of Agricultural Economics (JAE), Journal of Agricultural Economics,Volume 60, Issue 2,Pages 469 – 471,Journal compilation © 2009 The Agricultural Economics Society

<http://authorservices.wiley.com/bauthor>

<http://ideas.repec.org/a/bla/jageco/v60y2009i2p469-471.html>

43- **F. Mirzaei** , Book review of Village Poultry in Ethiopia. Socio-technical analysis and learning with farmers, by Aklilu Hailemichael Asgedom. Published by Wageningen University, Wageningen,2007, (ISBN 978-90-8504-679-0), 176 pp., paperback., t 25,60. Journal of

Agricultural Education and Extension , Volume 15, Issue 3 September 2009 , pages 321 - 323.Routledge,Tailor & Francis Group.

<http://www.informaworld.com/smpp/content~db=all?content=10.1080/13892240903069819>

44. **F. Mirzaei** , Book review of Improving Dairy Farming. A Situation Analysis of the Dairy Farming Sector in Ulaanbaatar/Mongolia and Development Strategies for Extension Work, by Baast Erdenebolor. Published by Margraf Publishers, Weikersheim, 2007, 208 pp.,. Journal of Agricultural Education and Extension , Vol. 16, No. 1, 89_90, March 2010.Routledge,Tailor & Francis Group.

<http://www.informaworld.com/smpp/content~db=all?content=10.1080/13892240903069819>

45. **F. Mirzaei** , Book review of Farm management and extension needs In Central and Eastern European countries Under The EU Milk Quota. EAAP Technical Series No. 8. Wageningen Academic Publishers,Wageningen, (ISBN:978-90-76988-92-3), 277 pp.,. Journal of Agricultural Education and Extension, Vol. 17, No. 2, 211_213, April 2011 Routledge,Tailor & Francis Group

doi:10.1080/1389224X.2011.544460

http://pdfserve.informaworld.com/560240_779345250_936997906.pdf

46- Contribution as a co-author as well as editor publishing book of **Migration Development and Poverty Reduction in Asia; The role of rich countries' subsidies on poverty phenomenon, 2010.**

<http://www.pdfone.com/ebook/migration-development-and-poverty-reduction-in-asia.html>

47- **F. Mirzaei**, Sheep and Goats in Iran. 2010.

http://www.iga-goatworld.org/Sheep-and-Goats-in-Iran_a123.html

www.wmaker.net/igagoatworld/docs/2010-07_IGA_Newsletter.pdf

Referenced papers & backgrounds

1-Shahbazi S.,Mirhosseini S.Z.,Romanov M.N.(2007) **Genetic Diversity in Five Iranian Native Chicken Populations Estimated by Microsatellite Markers**

<http://www.springerlink.com/content/vm28xh7070m7642h/>

2-Zerehdaran S.,Oliehoek P.(2006)**Genetic Improvement for Production and Health in Broilers**, Doctoral Thesis

Department of Animal Science,Wageningen University, The Netherlands

ISBN: 90-8504-264-X

<http://library.wur.nl/wda/dissertations/dis3809.pdf>

3-**Dr.Saeed Yazdani**

Full professor, Agricultural Economics

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<http://utcan.ut.ac.ir/members/yazdani.htm>

4- Dr. Mohammad Ghorbani

Full professor, Agricultural Economics

Address: Department of Agricultural Economics, Faculty of Agriculture, University of Ferdowsi, Mashhad - Iran

Mirzaei, F. Yazdani, S. Gharahdaghi, A. A. **Ghorbani, M.** and Naji, A.2004. The survey on Iran's comparative advantage in chicken meat export, Final report. Agricultural information and scientific documents center.No. 82/1148, Agri. educational and Research Organization (AREO)

<http://web.um.ac.ir/~agri-economic/private/Dr.Ghorbani.htm>

5- Dr. Olaf Heidelbach

Mirzaei, F., Heidelbach, O. (2006): Production and trade of animal products in selected ECO countries. ICFAI Journal of Applied Economics,

Attaché/Project Manager, Delegation of the European Commission to the Kyrgyz Republic
[http://www.iamo.de/index.php?id=71&L=1&tx_institute_pi1\[mid\]=16&tx_institute_pi1\[id\]=-&tx_institute_pi1\[go\]=&lang=1](http://www.iamo.de/index.php?id=71&L=1&tx_institute_pi1[mid]=16&tx_institute_pi1[id]=-&tx_institute_pi1[go]=&lang=1)

[linkedin.com/in/olaf-heidelbach-8b422544](https://www.linkedin.com/in/olaf-heidelbach-8b422544)

olaf.heidelbach@gmail.com

6- Dr. Torsten Hemme,

IFCN Dairy Report 2007.

Participating Dairy Economists / Co-editors of the Dairy Report

<http://www.ifcndairy.org/DR07-partner.pdf>

torsten.hemme@ifcndairy.org

7- A. S. Kalantar , H. Mehrabani-Yeganeh , M. Moradi , A. H. Sanders , and A. De Vries

Determining the optimum replacement policy for Holstein dairy herds in Iran

J. Dairy Sci. 93 :2262–2270

doi: 10.3168/jds.2009-2765

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<http://www.animal.ufl.edu/devries/publications/2010/JDS93-2262-replacement%20iran.pdf>