



TAGEM
R&D AND INNOVATION

INTERNATIONAL CENTER FOR LIVESTOCK
RESEARCH AND TRAINING /ANKARA



MESUT YILDIRIR, PhD

Agricultural Engineer

EDUCATION

- PhD**
2006-2012 Canakkale Onsekiz Mart Univ.
Fac. of Agr. Dep. of Anim. Sci.
- MSc**
2002-2004 Kocatepe Univ. Veterinary Fac.
Animal Nutr. and Nutr. Disease
- Bachelor's Degree**
1994-1999 Gazi Osman Paşa Univ.
Agr.Fac. Animal Science

LANGUAGE İngilizce KPDS 83


CAREER

- 2021-..... International Center for Livestock Research and Training, ANKARA
- 2017-2021 Soil Fertiliser and Water Central Research Institute, ANKARA
- 2013-2017 Agricultural Engineer, General Directorate of Agricultural Research and Policies, ANKARA
- 2004-2013 Agricultural Engineer, Bandırma Sheep Research Institute, BALIKESİR
- 2001-2004 Agricultural Engineer, Kocatepe Agricultural Research Institute AFYON
- 1992-2000 Veterinary Technician, Ministry of Agriculture and Forestry ADIYAMAN, TOKAT


ABOUT ME

I was born 1974 in Ankara. I graduated from Gazi Osman Pasa Univ., Agricultural Faculty, Animal Science Dep. I have got MSc in 2004 from Afyon Kocatepe Veterinary Faculty. I have got doctorate degree in 2012 from Çanakkale Onsekiz Mart Univ. Agricultural Fac., Animal Science Dept.

CONTACT

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▪ **PROJECTS**

▪ **Projects Conducted**

1. National Conservation and Sustainable Utilization Project (Chios Sheep) **(TAGEM)/2009-2013**
2. National Conservation and Sustainable Utilization Project (Çine Çaparı Sheep). **(TAGEM)/2007-2013**
3. National Sheep Breed Improvement Project, Kıvrıkcık Sheep in Balıkesir. **(TAGEM)**
4. Towards preventive health management in native dual-purpose cattle adapted to organic pasture based production systems (2016-2017) **(AB, ERA-NET)**
5. Promoting the Management of Animal Genetic Resources in SEC Countries (FAO-SEC Project; 2013-2017). **(FAO-SEC)**
6. National Merino Improvement Project **(TAGEM)**
7. Improvement of Meat Type Sheep Breeds in Marmara Region. **(TAGEM)**
8. Comperative Researches on Some Sheep and Goat Breeds in Marmara Region. **(TAGEM)**
9. Determination of Some Reproductive and Agonistic Behaviours of Kıvrıkcık, Sakız and Gökçeada Sheep Breeds. **(TAGEM)**
10. Studies of Developing Meat Type in Marmara Region. **(TAGEM)**
11. Comparison of Some Morphologic and Development Characteristics Kıvrıkcık Sheep in Ex-situ ve In-Situ Conservation Herds. **(TAGEM)**
12. Comperative Research on Performance of Saanen, (Saanen x Kıl) G1 and (Saanen x Kıl)G2 Goats. **(TAGEM)**

▪ **Ongoing Projects**

1. Modelling of Animal Production Emission and Manure Management In Terms of Production Systems and Environmental Factors (2019,-). **(TAGEM)**
2. Daily Feed Consumption, Methane Emissions and Detailed Description of Pasture Medium of Akkaraman Sheep Feeding in the Pasture (2019,-) **(TAGEM)**



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1. PUBLICATIONS

INTERNATIONAL ARTICLES AND PAPERS

Articles Published in International Journals

1. **Yıldırım M**, Daş G, Lambertz C, Gauly M. 2019. Feeding, resting and agonistic behavior of pregnant Boer goats in relation to feeding space allowance. *Annals of Animal Science*, Vol. 19, No. 4. 1133–1142 DOI: 10.2478/aoas-2019-0038.
2. Ünal, F., Aşkın, A., Koca, E., **Yıldırım, M.**, & Bingöl, M. Ü. (2019). Mycelial compatibility groups, pathogenic diversity and biological control of *Sclerotium rolfsii* on turfgrass. *Egyptian Journal of Biological Pest Control*, 29(1), 44.
3. Sezenler T, Ceyhan A, Yüksel MA, Koncagül S, Soysal D, **Yıldırım M** (2016). Influence of Year, Parity and Birth Type on Milk Yield and Milk Components of Bandırma Sheep (German Black Head Mutton x Kıvırcık). *Tarım Bilimleri Dergisi*, 22 (1) 89-98.
4. Yılmaz A., Ekiz B., Özcan M., Kaptan C., Hanoğlu H., **Yıldırım M.**, Koçak O., 2010. Carcass Quality Characteristics of Hair Goat and Saanen × Hair Goat Crossbred Kids From Intensive Production System. *Journal of Animal and Feed Sciences*, 19: 368–378. DOI: <https://doi.org/10.22358/jafs/66300/2010>
5. Ceyhan, A., Sezenler, T., **Yıldırım, M.** and Erdoğan, I., (2010). Reproductive Performance and Lamb Growth Characteristics of Ramlıç Sheep, *Kafkas Univ. Vet. F.J.* 16(2): 213-216. DOI:10.9775/kvfd.2009.529.
6. Yılmaz, A., Ekiz, B., Özcan, M., Kaptan, C., Hanoğlu, H. and **Yıldırım, M.**, 2009. Effect of Crossbreeding Indigenus Hair Goat with Saanen on Carcass Measurements and Meat Quality of Kids Under an Intensive Production System, *Animal Science Journal*, 80 (4): 460-467. DOI: [10.1111/j.1740-0929.2009.00657.x](https://doi.org/10.1111/j.1740-0929.2009.00657.x)
7. **Yıldırım, M. (2021)**. Water Quality and Two-Way Effects in Terms of Animal Production. *Toprak Su Dergisi*, 9(2), 122-129.
8. Şenocak A. A., Filiz, Ü. N. A. L., **Yıldırım, M.** 2020. Çimlerde Kök ve Kökboğazı Çürüklüğüne Neden Olan *Fusarium cerealis*' in Biyolojik Mücadelesinde Yerli Bakteriye İzolatların Kullanımı. *Türkiye Biyolojik Mücadele Dergisi*, 11(1).
9. Şenocak, A. A., Filiz, Ü. N. A. L., **Yıldırım, M.** 2019. Determination of the Biocontrol Efficiency of Native *Bacillus* and Fluorescent *Pseudomonas* Isolates Against *Rhizoctonia solani* Causing Brown Patch Disease on Turfgrass Areas. *The Journal of Turkish Phytopathology*, 48(1), 21-29.
10. **Yıldırım M**, Karadağ O, Yılmaz M, Yüksel MA, Sezenler T, Ceyhan A. 2019. The Comparison of Milk and Reproductive Performance of Saanen and Saanen × Hair Goat Crossbreds (F1, B1 & B2) and Growth Performance of their Kids in Semi-Intensive Production System. *Turkish Journal of Agriculture - Food Science and Technology*, 7(6): 871-876. DOI: <https://doi.org/10.24925/turjaf.v7i6.871-876.2450>.
11. **Yıldırım M.**, Sezenler T., Erdoğan İ., Yüksel M. A., Soysal D. ve Ceyhan A., 2011. The Present Studies on Animal Genetic Resources in Bandırma Sheep Research Station: a Review. *Journal of Animal Science Advances*, 1(2):73-78.
12. Sezenler T., **Yıldırım M.**, Ceyhan A., Yüksel M.A., Önal A.R., Özder M., (2011). The Effects of Body Condition Score and Age of Ewes on the Reproductive Performance in Kıvırcık, Sakiz and Gokceada Sheep. *Journal of Animal Science Advances*, 1(2): 94-99.
13. Sezenler T., Özder M., **Yıldırım M.**, Ceyhan A. ve Yüksel M.A., (2011). The Relationship Between Body Weight and Body Condition Score Some Indigenous Sheep Breeds in Türkiye. *The Journal of Animal & Plant Sciences*, 21(3): 443-447.



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14. Ceyhan, A., Sezenler, T., Erdoğan, I. and **Yıldırım, M.**, (2009). Fertility Traits Survival Rate and Growth Characteristics of Crossbreed Blachead Merino Ewes, *Animal Production*, 50(2): 1-8.
15. Bayram İ., Uçar M., Küçükkebaşı M., Siriken B., **Yıldırım M.**, (2006). Effect of Recombinant Bovine Somatotropin on Milk Production and Composition in Buffaloes. *Indian Vet. J.*, November, 83: 1223-1224.

▪ **International Papers, Seminars, etc.**

1. **Yıldırım M.** 2019. Estimation of enteric methane emission from sheep production in Türkiye. 1st International Livestock Science Congress, Antalya, Türkiye, 31 Ekim 2019.
2. **Yıldırım M.** 2019. Water Quality and Two-Way Effects in Terms of Animal Production. 5 th International Eurasian Congress on 'Natural Nutrition, Healthy Life & Sport' 02-06 October 2019, Ankara, Türkiye
3. Alarslan E, **Yıldırım M.**, Oğuz E, 2018. Gökçeada Sheep Production System and Sustainable Utilization. International Agricultural Science Congress. Poster presentation. 09-12 May 2018, Van, Türkiye.
4. **Yıldırım M.**, Y. Öner and A.O. Akin, (2017). The Importance of Production Environment on Some of Domestic Animal Genetic Resources in Türkiye, 2nd International Balkan Agriculture Congress, Book of Abstracts. 16-18 May, Tekirdağ, Türkiye.
5. **Yıldırım M.**, A.O. Akin and Y. Öner, (2017). Sustainable Native Cattle Production in Türkiye. 8th Balkan Animal Science Conference Balnimalcon. 6-8 September, Prizren, Kosova.
6. **Yıldırım M.**, (2017). The Gaps and Environmental Challenges for Small Ruminant Production in Türkiye. Innovation for Sustainability in Sheep and Goats, Joint Seminar of the Sub-Network on Production Systems & Sub-Network on Nutrition. Book of Abstracts. 3-5 October 2017, Vitoria-Gasteiz/Spain
7. **Yıldırım, M.**, Sezenler, T., Ceyhan, A., Yüksel, M.A., Önal, A.R. and Özder, M., 2011. The Effect of Breed, Body Condition Score and Age of Ewe on the Reproductive Performance of Ewes in Breeding Season. *V. International Conference of the Balkan Animal Federation*, 19-21 Ekim 2011. Bucharest, Romania.
8. **Yıldırım, M.**, Erdoğan, I. and Sezenler, T., 2011. Body Measurement and Growth Characteristics of Sakiz (Chios) Sheep Breed in Marmara Livestock Research Institute. *8th Global Conference on The Conservation of Animal Genetic Resources*, 4-8 October 2011, Tekirdağ, Türkiye.
9. Sezenler, T., **Yıldırım M.**, Erdoğan, I. and Ceyhan, A., 2011. The Comparison of Fertility Traits, Survival Rate and Daily Weight Gain until Weaning in Kivircik Sheep under *Ex-situ* and *In-situ* Breeding Conditions. *8th Global Conference on The Conservation of Animal Genetic Resources*, 4-8 October 2011, Tekirdağ-Türkiye.
10. Erdoğan, İ., **Yıldırım, M.** and Sezenler, T., 2011. Some Characteristics of Gokceada Sheep Breed in Marmara Livestock Research Institute. *8th Global Conference on The Conservation of Animal Genetic Resources*, 4-8 October 2011, Tekirdağ-Türkiye.

▪ **NATIONAL ARTICLES AND PAPERS**

- **Articles Published in National Journals**
- **International Papers, Seminars, etc.**



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▪ **OTHER PUBLICATIONS**

▪ **Ph.D. Thesis, Master Thesis, Reports, Books etc.**

1. **Yıldırım M.**, (2019). The Gaps and Environmental Challenges for Small Ruminant Production in Türkiye. Innovation for Sustainability in Sheep and Goats, In: Ruiz R., López-Francos A., López Marco L. (eds). Innovation for Sustainability in Sheep and Goats, 2nd Joint Seminar of the Subnetworks on Nutrition and on Production Systems of the FAO-CIHEAM Network for Research and Development in Sheep and Goats. Vitoria-Gasteiz (Spain), 3-5 October 2017. *Options Méditerranéennes* : Series A (Mediterranean Seminars), no. 123. Available at: <http://om.ciheam.org/option.php?IDOM=1034>.
2. **Yıldırım M**, Akın O (2018). Diversity of Animal Genetic Resources. In: Biodiversity of Türkiye, Contribution of Genetic Resources to Sustainable Agriculture and Food System, FAO, Italy, ISBN 978-92-5-130959-9, pp. 105-125.
3. **Yıldırım M**, Akın O (2018). Hayvan Genetik Kaynakları Çeşitliliği. Türkiye'nin Biyoçeşitliliği, Genetik kaynakların tarım ve gıda sistemlerine katkısı. Ed. Muminjanow H, Karagöz A. Birleşmiş Milletler Gıda ve Tarım Örgütü, Ankara, ISBN 978-92-5-131255-1, pp. 105-123.
4. **Yıldırım M**, (2007). Farmer Organizations in Practical Cattle Production Handbook, Agricultural Ministry. (Yıldırım M., 2007. Sığırcılıkta Yetiştirici Örgütleri. Ed. Öztürk A., Pratik Sığırcılık. TEDGEM-YAYÇEP, Ankara).

▪ **Membership, Training, Course, Meeting, Congress, Symposium and Other Activities**