



TAGEM

R&D AND INNOVATION

POULTRY RESEARCH INSTITUTE DIRECTORATE /
ANKARA

MELTEM GÜLTEKİN

Agricultural Engineer

EDUCATION

Master's Degree Ankara University
1991-1995 Faculty of Agriculture
Department of Feeds and Animal Nutrition

Degree Ankara Üniversitesi
1987-1991 Ziraat Fakültesi, Zootekni Bölümü

FOREIGN LANGUAGE English

CAREER

1996/Ongoing. Poultry Research Institute Directorate

1993-1996 GİH-Officer, Ministry of Interior, Yenimahalle
District Police Department/ ANKARA

ABOUT ME


She was born in 1969 in Iskenderun. She graduated from Ankara University Faculty of Agriculture in 1991. She continued his professional education in Ankara University Faculty of Agriculture, Department of Feeds and Animal Nutrition between 1991-1995.

Between 1993-1996, she worked as a GİH-Officer at the Ministry of Interior, Yenimahalle District Police Department. Since 1996, Poultry Research Institute Feeds and Animal Nutrition department has worked on projects in the field of poultry nutrition. She has also been working in the Education Extension Branch since 2017 and is the Editor of the Institute's Poultry Studies journal.

CONTACT

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▪ **PROJECTS**

▪ **Projects Conducted**

1. ATAK-S Hybrid Chicken Breeding Extension Project in Free System. 2019. (Publication Project) Project Coordinator.
2. Comparison of Safflower Oil with Some Vegetable Oil Sources in Egg Chicken Feeds. (2019/Project Leader)
3. Possibilities of Using Safflower Seed Meal in Layer Feeds. 2015. (Project Leader)
4. The Effect of Adding Different Levels of Thyme Essential Oil to the Diet in Breeding Partridges on Performance Egg Quality Hatching Performance Serum and Feces Mineral Content. 2020 (Assistant researcher)
5. The Effect of Maternal Selenium Sources and Levels on Antioxidant and Antioxidant Enzyme Capacity and Incubation Results in White Layer Parent Feeds. 2018. (Assistant Investigator)
6. Possibilities of Use of Oil Removed Insect Larva (*Tenebrio Molitor*) in White Layer Chickens. 2015. (Assistant Investigator)
7. Effects of Organic Trace Mineral Compounds (Mn, Zn, Cu and Cr Methionine) on Performance, Egg Quality and Hatchery Traits in Breeding Layer Feeds. 2011 (Assistant Investigator)
8. Generating a Gender Discrimination Flock Based on Leg Color in the Barred Rock-1 Pure Line. 2011. (Assistant Investigator)
9. Breeding of Layer Pure Lines at the Poultry Research Institute and Studies on Obtaining Parents and Hybrids From These. 2009. (Assistant Investigator)
10. The Effects of Bentonite and Mannanligosaccharide Addition to Aflatoxin Containing Layer Feeds on Performance, Egg Quality Criteria, Some Blood and Digestive Properties. 2009. (Assistant Investigator)
11. The Effects of Mixed Feeds Containing Different Levels of Crude Protein on Reproductive Performance of Layer Male Breeders. 2008. (Assistant Investigator)
12. The Effects of Different Levels of Boron Addition to Layer Mixed Feeds on Performance, Egg Quality and Bone Development. 2008 (Assistant Investigator)



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13. The Effects of Prebiotic Use on Performance, Quality Criteria, Digestive System Criteria and Intestinal Microflora in Laying Chicken Diets. 2007. (Assistant Investigator)
14. The Effect of Collecting Data as a Group or Individually on Research Results. 2007. (Assistant Investigator)
15. Determination of Egg Consumption Habit in Ankara Province. 2007. (Assistant Investigator)
16. Possibilities of Using Natural Coloring Agent Kem-Glo Instead of Synthetic Coloring Agents in Layer Chicken Feeds. 2007. (Assistant Investigator)
17. A Study on the Fattening Performance and Carcass Quality Effect of Rabbit Pellet Feed Supplemented with Alfalfa Grass. 1999. (Project Leader) Master Thesis

▪ Ongoing Projects

1. The Effect of Addition of Different Levels of Buckwheat Seed to the Ration of Breeder Partridges on Performance, Egg Quality, Hatchery Performance (Co-Researcher /Continued.)

PUBLICATIONS

INTERNATIONAL ARTICLES PAPERS

Articles Published in International Journals

1. Z. Kahraman, E. Yenice, H. Göger, S. Kamanlı, M. Gültekin, E. Ünay, F. Şen and S. Yalçın. 2020. Effect of Source and Concentration of Dietary Selenium on Laying Performance of Egg-Type Breeders and Antioxidant Status of Their Offspring Under Delayed Post- Hatch Feding. Europ.Poult.Sci., 84. 2020. P; 1-12
2. Yenice, E., Gültekin, M., Kahraman, Z., Ertekin, B. 2018 . The Effects of the Usage of Solvent Extracted Safflower Meal with Soybean Oil in the Laying Hen Diets on the Performance, Egg Quality and Egg Yolk Fatty Acid Composition. Kafkas Üniversitesi Veteriner Fakültesi Dergisi. 2018, Vol 24, Issue (2) : 1-8
3. Yenice, E., Mızrak, C., Gültekin, M., Atik, Z., Tunca, M. 2015. Effects of organic and inorganic forms of manganese, zinc, copper, and chromium on bioavailability of these minerals and calcium in late-phase laying hens. Biological Trace Element Research. 167:300–307, doi: 10.1007/s12011-015-0313-8.



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4. Yenice ,E., Mızrak , C., Ceylan, N., Yıldız, T., Gültekin, M., ATİK, Z. 2015. Effects of Dietary Sodium Bentonite and Mannan Oligosaccharide Supplementation on Performance, Egg Quality, Blood and Digestion Characteristics of Laying Hens Fed Aflatoxin Contaminated Diet. Kafkas Univ Vet Fak Derg. 21 (2): 211-218.
5. Yenice, E., Mızrak, C., Gültekin, M., Atik ,Z.,Tunca, M. 2015. Effects of Dietary Organic or İnorganic Manganese, Zinc, Copper And Chrome Supplementation on The Performance, Egg Quality and Hatching
6. Mızrak, C., Yenice, E., Can, M., Yıldırım, U. and Atik, Z. 2010. Effects of Dietary Boron on Performance, Egg Production, Egg Quality And Some Bone Parameters In Layer Hens. South African Journal of Animal Science, 40 (3):257-264.

International Papers, Seminars etc.

Posters:

1. Gültekin, M., Yenice, E., A.A., Kılınc, Ertekin, B., Mızrak, C., Pekcan, M. 2019 . Comparison the Effects of Dietary Safflower Oil and Some Vegetable Oils on Blood Parameters and Egg Quality Characteristics in Laying Hens. I. International Livestock Science Congress. ORAL: ILSC_19_120. page: 80 2019/ANTALYA
2. Gültekin ,M., Yenice, E., Kahraman,Z., Ertekin, B. 2015. Usage Possibilities Of Safflower Seed Meal In Laying Hen Diets. The Potential For Poultry Production in Developing Countries 15-18 October 2015. Antalya, TÜRKİYE
3. Yıldırım, U., Yenice ,E., Doğan, D., Aygören, H., Gültekin, M., Ertekin, B.,Ulusoy, Y., Maden, M.M. 2015. Usage Possibilities Of Defatted Melworm (Tenebrio molitor) Larvae In White Egg Laying Pullet Diets. The Potential For Poultry Production in Developing Countries 15-18 October 2015. Antalya, TÜRKİYE.
4. Yenice, E., Mızrak, C., Gültekin, M., Atik, Z., Tunca, M. 2015. Effects of organic and inorganic forms of manganese, zinc, copper, and chromium on bioavailability of these minerals and calcium in late-phase laying hens. Biological Trace Element Research. 167:300–307, doi: 10.1007/s12011-015-0313-8.
5. Yenice, E., Mızrak C., Gültekin , M., Atik , Z. and Tunca, M. 2011. Effects Of Organic or İnorganic Form Of Manganese, Zinc, Copper And Chrome On Performance, Egg Quality And Hatching Characteristics In Laying Breeder Hens.18th European Symposium on Poultry Nutrition, Working Group 2 of WPSA, s. 659-661. October 31-November. Çeşme, İzmir, Turkey.
6. Yenice, E., Mızrak, C., Yıldız, T., Can, M., Atik, Z. ve Ceylan, N. 2009 Effects of Addition of Bentonite and Mannanoligosaccharide to Aflatoxin Containing Layer Feeds on Performance, Egg Quality Criteria, Some Blood and Digestive Traits, V. National Animal Nutrition Congress (International Participation), 30 September - 3 October 2009, p:144-150, Çorlu, Tekirdağ.

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7. Yenice, E., Mızrak, C., Can, M., Yıldırım, U. and Atik, Z. 2008. Effects of Supplementation of Different Levels of Boron In Laying Hen Diets on Some Bone, Blood, Organ and Egg Characteristics. 1 st Mediterranean Summit of WPSA, Advances and Challenges in Poultry Science Book of Proceedins, 07-10 May 2008, p.932-936, Porto Carras, Chalkidiki, Greece.

- **International Papers, Seminars etc.**
- **Oral presentation**

1. Gültekin, M., Yenice, E., A.A., Kılınc, Ertekin, B., Mızrak, C., Pekcan, M. 2019 . Comparison the Effects of Dietary Safflower Oil and Some Vegetable Oils on Blood Parameters and Egg Quality Characteristics in Laying Hens. I. International Livestock Science Congress. ORAL: ILSC_19_120. page: 80 2019/ANTALYA

- **NATIONAL ARTICLES AND PAPERS**

- **Articles Published in National Journals**

1. Gültekin, M., (Compilation) 2015. Some Feed Additives and Their Use in Poultry Feeding. Journal of Performance in Livestock. 196 (July 2015): 6-16
2. Gültekin, M., (Compilation) 2015. Use of Oilseed Meals and Compound Feeds. Journal of Performance in Livestock, 195 (June 2015): 4-14.
3. Gültekin, M., (Compilation) 2014. Possibilities of Using Guar Meal in Poultry Feed. Journal of Performance in Livestock, 181(3): 4-10.
4. Durmuş, İ., Üçkardeş, F., Demirtaş ,E,Ş., Gültekin, M., Demir, S. 2013. The Effect of Collecting Data as a Group or Individually on Research Results. Academic Journal of Agriculture 2(1): 13-16.
5. Yenice, E., Göğçer, H., Can, M., Karademir, E. and Kalebaşı, S. 2009. The Effects of Mixed Feeds Containing Different Levels of Crude Protein on Reproductive Performance of Layer Male Breeders. Poultry Research Journal; 8 (1); 15-19, Ankara.
6. Yenice, E., Göğçer, H., Can, M., Karademir, E. and Kalebaşı, S. 2008. The Effects of Mixed Feeds Containing Different Levels of Crude Protein on Reproductive Performance of Layer Male Breeders. Final report., project no: TAGEM HAYSÜD/07/13/04/02, 17 p, July 2008. Ankara.
7. Durmus, I., Demirtas ,E,S., Can, M., Kalebaşı, S. 2007 . Determination of Egg Consumption Habit in Ankara Province. Journal of Poultry Research. 7, (1), 42-45.
8. Yenice, E., Mızrak, C., Can, M., Yıldırım, U. 2007. Usage Possibilities of Natural Coloring Agent Kem-Glo Instead of Synthetic Coloring Agents in Egg Chicken Feeds. Poultry Research Journal; 7 (1); 38-41, Ankara.
9. Can, (Gultekin), M., Caliskaner, S. 1999. A Study on the Fattening Performance and Carcass Quality Effect of Rabbit Pellet Feed Supplemented with Alfalfa Grass. Journal of Poultry Research. Volume:1, Issue:1; 28-34.

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- **National Papers, Seminars, etc.**
- **Posters:**

1. Mızrak, C., Yenice, E., Can, M., Yıldırım, U. and Atik, Z. 2008. The Effects of Different Levels of Boron Addition to Layer Mixed Feeds on Performance, Egg Quality and Bone Development. Proceedings of the 2nd National Boron Workshop, 17-18 April 2008, p. 605-612, MTA, Ankara.
2. Kahraman, Z., Çiftçi, İ., Yılmaz, A., Mızrak, C., Can, M. 2007. The Effects of Prebiotic Use in Layer Diets on Performance, Quality Criteria, Digestive System Criteria and Intestinal Microflora. IV. National Animal Nutrition Congress. 24-28 June Bursa. s. 350–353.

OTHER PUBLICATIONS

Doctoral Thesis, Master Thesis, Reports, Books etc.

Master Thesis:

1. Can, (Gultekin), M., Caliskaner, S. 1999. A Study on the Fattening Performance and Carcass Quality Effect of Rabbit Pellet Feed Supplemented with Alfalfa Grass. Journal of Poultry Research. Volume:1, Issue:1; 28-34.

Booklet Within the Scope of the Publication Project

1. Atak-S Hybrid Chicken Breeding in Free System

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

1. VII. National Animal Nutrition Congress (International Participation) 26-27 September 2013. Rixos Grand Hotel/ANKARA
2. The Potential for Poultry Production in Developing Countries 15-18 October 2015/ ANTALYA
3. Turkey 1st Poultry Research Workshop 20-21 July 2017 /NIĞDE
4. I. International Livestock Science Congress 2019/ ANTALYA (Oral Presentation)
5. Animal Science Workshop. 02 May 2019/ANKARA