



TAGEM
R&D AND INNOVATION

ATATURK HORTICULTURAL CENTRAL RESEARCH
INSTITUTE / YALOVA-TURKIYE



KUTAY COŞKUN YILDIRIM, PhD

Agricultural Engineer

EDUCATION

- Assoc. prof**
- PhD** 2013-2017 Ankara University
Applied Science Ins. Horticultural Department
- MSc** 2011-2012 Ankara Üniversitesi
Applied Science Ins. Horticultural Department
- Bachelor's Degree** 2004-2008 Ankara University
Faculty of Agriculture
- LANGUAGE** English YDS 88,75

CAREER

- 2012-still Researcher, Atatürk Horticultural Central Research Institute YALOVA
- 2011-2012 Assistant Manager, Metro Grossmarket, ANKARA
- 2010-2011 Production Manager, Eskihisar Tarım - MANİSA
- 2009-2010 Engineer, Agrobay Tarım, İZMİR

ABOUT ME

The researcher was born on 25.10.1987 in Ankara. He graduated from Ankara University, Faculty of Agriculture, Department of Horticulture in 2008. After completing his military service in 2010, he worked as an Agricultural Engineer in various institutions. He completed his master's degree at Ankara University Horticulture Department in 2012 and was assigned as the Director of Yalova Atatürk Horticultural Central Research Institute in the same year. He got married in 2016. He completed his doctorate in Ankara University, Department of Horticulture in 2017. He still works as an Agricultural Engineer in the Vegetable Department of the Yalova Atatürk Horticultural Central Research Institute.

CONTACT

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▪ **PROJECTS**

- Project:
Seed Production Containing Endophytic Bacteria in Some Vegetable Species and Investigation of Resistance of These seeds to Different Biotic and Abiotic Stress Elements – **TÜBİTAK 3501 (2020-2023)**
– **Project Leader**
- Project:
Seed Quality Development and The Effect of Seed Drying and Storage in Organically and Conventionally Grown Pepper (*Capsicum annuum* L.) Cultivars - **TAGEM (2016-2020)** – **Project Leader**
– **Completed.**
- Project:
The effect of seed development and related encouraging applications on germination of *Solanum torvum* seeds – **BAP (2020-2021)** – **Assistant Researcher**
- Project:
Development of Line and / or Variety in Winter Vegetable Growing - **TÜBİTAK KAMAG 1007 Project (2018-2020)** - **Assistant Researcher** – **Completed.**
- Project:
Effect of Zeolite Drying on Pepper (*Capsicum annuum* L.) Seeds - TÜBİTAK 1002 Project (2019-2020)
- **Assistant Researcher** – **Completed.**
- Project:
Determination of Yield and Quality of Some Vegetable Species of Organic Seed Production – **TAGEM (2018-2021)** - **Assistant Researcher**– **Completed.**
- Entegre Project: Dissemination of Agricultural Innovations
Sub-Project: Disseminating of New Okra cultivars in Zonguldak (2020-2021) – **Assistant Researcher.**
- Project:
Ancient seeds (2020-2021) – **Assistant Researcher.**
- Entegre Project: Dissemination of Agricultural Innovations
Sub-Project: Disseminating of New Okra cultivars in Düzce (2015-2017) – **Assistant Researcher** – **Completed.**
- Entegre Project: Dissemination of Agricultural Innovations
Sub-Project: Disseminating of New Okra cultivars in Bartın (2017-2018) – **Assistant Researcher** – **Completed.**



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PUBLICATIONS

- **Yıldırım, K.C.**, Öztürk, A., Demir, İ. 2021. Vacuum Versus Open Air Storage for Pepper (*Capsicum annuum* L.) Seed Longevity with Low Temperature and Seed Moisture Content Over 48 Months. *Horticultural Studies (HortiS)*, 1, 110-115. <http://doi.org/10.16882/HortiS.998078>
- **Yıldırım, K.C.**, Canik Orel, D., Okyay, H., Gursan, M.M., Demir, İ. 2021. Quality of Immature and Mature Pepper (*Capsicum annuum* L.) Seeds in Relation to Bio-Priming with Endophytic *Pseudomonas* and *Bacillus* spp. *Horticulturae*, 7, 75. <https://doi.org/10.3390/horticulturae7040075>.
- **Yıldırım, K.**, and Demir, İ. 2021. The effect of maturation stage and after-ripening on seed quality in organically- and conventionally-produced pepper (*Capsicum annuum* L.) seeds. *Plant Breeding and Seed Science*, 81, 39-45. <https://doi.org/10.37317/pbss-2020-0003>.
- **Yıldırım K.C.**, Ozden E., Gokdas Z. and Demir İ 2020. Longevity of organic pepper (*Capsicum annuum* L.) seeds. *Natulae Botanicae Horti Agrobotanici Cluj-Napoca*. 48(3):1483-1494.
- **Yıldırım K.C.**, Demir İ. 2019. Seed Quality Development in Pepper (*Capsicum annuum* L.) grown in Organic and Conventional Cultivation Systems. 32. ISTA Seed Symposium 2019 "Seed Technology and Quality in a Changing World" (sözlü sunum, özet), 26-29 Haziran 2019, Hyderabad / HİNDİSTAN.
- Demir İ., Özden E., **Yıldırım K.C.**, Şahin Ö. and van Staden J. 2018. Priming with smoke-derived karrikinolide enhances germination and transplant quality of immature and mature pepper seed lots. *South African Journal of Botany*. Volume 115, Pages 264-268.
- **Yıldırım K.C.**, Demir İ. 2018. Biber (*Capsicum annuum* L.)'de Organik ve Konvansiyonel Üretim Sistemlerinin ve Farklı Hasat Dönemlerinin Tohum Kalitesine Etkisi. Uluslararası Katılımlı Türkiye 6. Tohumculuk Kongresi, (Sözlü sunum) 10-13 Eylül 2018, Niğde, Kongre bildiri kitabı s:195-201.
- Erken S., Gülbağ F., Erken K., **Yıldırım K.C.** 2018. Gül (*Rosa* L.) Çeşit ve Tiplerinde Polen Canlılık ve Çimlenme Özelliklerinin Belirlenmesi. V. Ulusal Botanik Kongresi (poster, özet), 7-10 Ekim 2018, Bodrum.
- Dura, O., Sönmez, İ., **Yıldırım, K.C.** and Kepenek, İ. 2017. Entomopathogenic Fungus, *Verticillium lecanii* and *Beauveria bassiana* Using Control of Root Knot Nematode, *Meloidogyne incognita* Infecting Pepper Plants (*Capsicum annuum*). 6 th Entomopathogens And Microbial Control Congress, 14-16 September 2017 Tokat / TURKEY.
- Ozturk, A., Ozdemir, Y., Albayrak, B., Simsek, M. and **Yıldırım, K.C.** 2017. Some Nutrient Characteristics of Goldenberry (*Physalis peruviana* L.) Cultivar Candidate From Turkey. Series B, Horticulture. Vol. LXI, p:293-297.
- Dura O., Sönmez İ., **Yıldırım K.C.** 2016 Biberde (*Capsicum annuum* L.) Salisilik Asit Uygulamalarının Kök-Ur Nematodları (*Meloidogyne* spp.)'na Karşı Etkileri. *Bahçe* 45(1):31-39.
- **Yıldırım K.C.**, Özden E., Demir İ., Sönmez İ., Şimşek M. 2016. Organik Biber (*Capsicum annuum* L.) Tohumlarında Hidropriming Uygulamalarının Tohum Kalitesine Etkisi. *Bahçe* 45(2):191-194.
- **Yıldırım K.C.**, Demir İ. 2014. Polen Canlılığının Depolama Süresi, Sıcaklığı ve Bitkisel Faktörlere Göre Değişimi. Uluslararası Katılımlı Türkiye 5. Tohumculuk Kongresi ve Sektörel İş Forumu Bildiri Kitabı. p:635-639.
- Atak A., Aydın B., Doğacı Y., Doğan A., **Yıldırım K.C.**, Kaya E. 2014. Farklı Geofit Cinslerinin Genomik DNA Miktar ve Safılıklarının Belirlenmesi. *Bahçe Dergisi*. 43(1-2):1-8.
- Sönmez, İ., Beşirli, G., Şimşek, M., **Yıldırım, K.C.** 2013. Farklı Malç Kullanımının Organik Biber (*Capsicum annuum* L.) Yetiştiriciliğinde Tohum Verim ve Kalitesi Üzerine Etkisi, Türkiye V. Organik Tarım Sempozyumu, 25-27 Eylül 2013 Bildiriler Kitabı 1, Samsun, s:385 - 389.



KUTAY COŞKUN YILDIRIM, PhD Agricultural Engineer



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

- 2019 32th ISTA Seed Symposium 2019 “Seed Technology and Quality in a Changing World” – June 26-29 / Hyderabad - INDIA
- 2019 TAGEM Program Evaluation Meeting / Antalya - TURKEY
- 2018 Workshop on the Place and Importance of Professional Hands in National Agriculture / Antalya-TURKEY
- 2018 International Participation Turkey 6. Seed Congress – September 10-13 / Niğde- TURKEY
- 2018 14th International Master Class on Seed Technology – April 15-19 / Wageningen - NETHERLANDS.
- 2018 Visiting Scientist Wageningen University, Wageningen, December 2017 - July 2018 - Wageningen - NETHERLANDS
- 2017 TAGEM Program Evaluation Meeting / Antalya - TURKEY
- 2016 TAGEM Program Evaluation Meeting / Antalya- TURKEY
- 2015 Turkey 7. National Horticultural Congress / Çanakkale- TURKEY
- 2015 Basic Occupational Health and Safety Training / Yalova- TURKEY
- 2015 TAGEM Program Evaluation Meeting / Antalya - TURKEY
- 2014 5. International Participation Seed Congress / Diyarbakir- TURKEY
- 2014 ICARDA / CIMMYT English Training / Ankara- TURKEY
- 2014 2. Symposium on Medicinal and Aromatic Plants / Yalova- TURKEY
- 2014 TAGEM Program Evaluation Meeting / Antalya - TURKEY
- 2014 Statistical and Technical Education Trial 2 / Isparta- TURKEY
- 2014 Statistical and Technical Education Trial 1 / Isparta- TURKEY
- 2014 Ardeb Presentation of National Academic R & D support and Proposal Preparation Training / Antalya- TURKEY
- 2013 TAGEM Program Evaluation Meeting / Antalya - TURKEY
- 2013 Organic Agriculture Training / Antalya- TURKEY
- 2013 5. Congress ornamental plants / Yalova- TURKEY
- 2012 1. Kiwi International Workshop / Yalova- TURKEY
- 2012 TAGEM Program Evaluation Meeting / Antalya - TURKEY
- 2008 3. International Participation Seed Congress / Kapadokya- TURKEY
- 2007 Nuts Almond Breeding Seminar / Yalova- TURKEY