
Name: **Mohammad Radhi Sahib**
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University: Al-Qasim Green University

EDUCATION:

PhD 2020 in Horticulture, University of Kentucky

Al-Qasim Green University Projects:

- Project Title 1:** “Screening Bacterial Strains for Herbicidal Activity”
Project Title 2: “Promoting Plant Growth by Using Bacterial Endophytes”

M.Sc. in Horticulture 2005

College of Agriculture University of Mosul, Mosul, Iraq. Specialized in plant fertilization.

B.Sc. in Horticulture 2002

College of Agriculture University of Mosul, Mosul Iraq. Specialized in vegetable production.

JOB EXPERIENCE

- **Assistant professor** at Al-Qasim Green University, Iraq 2021-Present
- **Garden Manager**, The Community Garden at University of Kentucky Graduate and Family Housing, 2019 and 2020.
- **Job Title**, The University of Kentucky, April to November 2020
 - Making weekly workshops about gardening.
- **Instructor**, Fundamental Soil Science Lab, University of Kentucky, Fall 2016.
- **Assistant to the Chair**, Al-Qasim Horticulture Department, 2010 to 2013.
- **Instructor**, Various Science Course, Al-Qasim Green University, 2006 to 2012.
 - Taught courses including Horticulture plants, Commercial Vegetables Production, Nursery and Medicinal Plants.
- **Training Lecturer**, The Extension Office in Babylon, Iraq, 2010 to 2012.
 - Gave training lectures to agricultural engineers in the extension office in Babylon, Iraq. These lectures included:
 - Sustainable agriculture 2010.
 - Fertilization 2011.
 - Nitrogen fertilizer for commercial production of vegetables 2012.
- **Secretary of Council**, The College of Agriculture, 2006 to 2010.

HONORS/AWARDS/RECOGNITION

- First place winner of Three Minutes Thesis Talk, for Crop Science, Horticulture, and Soil Science Departments, University of Kentucky February 16, 2019.
- Patent pending (UKRF 2177) for developing new biological herbicide with my PhD advisor Dr. Seth Debolt, 2020.
- Third place winner of the Minisymposium, for Integrated Plant and Soil Science Department, University of Kentucky December 5, 2018.

Extramural Grant Funded:

- Co PI/ Grant, Food Connections “Community Garden Educational Enhancement” at the University of Kentucky, \$7,400 April 2020

MEMBERSHIPS

- Founder, Treasurer, and Vice President of Iraqi Student Organization (ISO) at University of Kentucky 2016, 2017, 2018 and 2019.

LABORATORY AND FIELD WORK EXPERTISE

- Working in Organic production system farm in the Horticulture Department at UK, Summer 2015 and 2020.

MEETINGS, PRESENTATIONS, CONSULTATIONS, ETC.

- Received a certificate from Sandia National Laboratories workshop that is part of the Department of State for Chemical and Biological Security Training and Lab Designing in Denver, Colorado 2019.
- Received a certificate from Sandia National Laboratories workshop that is part of the Department of State for chemical and Biological Security Training in Atlanta, Georgia 2018.
- Visited in a professional developmental trip at two different agricultural companies with graduate students from the Agriculture School, in North Carolina. BASF and AgBiom 2018.
- Attended the first workshop in Good Research Practice Resource Center, about Methods to Promote Data Reproducibility in Laboratory Research in medical school at UK 2018.
- Attended Horticulture Department conference at University of Kentucky 2017 and 2018 and 2019.
- Attended UK Sustainability Forum December 06, 2017 and 2018.
- Presented poster “Seed Inoculated Probiotics: Rhizobacterial Diversity Increases Sorghum Growth” in the 8th Argonne Soil Metagenomics Meeting. Chicago November 2017.
- Trained in Maricopa Phoenix Workshops (at the Arid Land Phoenix Institute). NSF Workshop in Field-based High Throughput Phenotyping. University of Arizona Maricopa Agricultural Center, Maricopa, AZ from October 17, 2017 to October 22, 2017.
- Attended the meeting “Join industry experts for a lunchtime discussion “met with Twelve industry Representatives from 10 leading companies developing agricultural products, Lexington, KY May 22, 2017.

PUBLICATIONS

- **Sahib, M. R.**, Pervaiz, Z. H., Williams, M. A., Saleem, M., & DeBolt, S. (2020). Rhizobacterial species richness improves sorghum growth and soil nutrient synergism in a nutrient-poor greenhouse soil. *Scientific Reports*, 10(1), 1-13.
- Xia, Y., **Sahib, M. R.**, Amna, A., Opiyo, S. O., Zhao, Z., and Gao, Y. G. (2019) Sahib, M. R., Yang, P., Bokros, N., Shapiro, N., Woyke, T., Kyrpides, N. C., Xia, Y., and DeBolt, S. (2019). Culturable endophytic fungal communities associated with plants in organic and conventional farming systems and their effects on plant growth. *Scientific reports* 9, 1-10.

- **Sahib, M. R.**, Yang, P., Bokros, N., Shapiro, N., Woyke, T., Kyrpides, N. C., & DeBolt, S. (2019). Improved Draft Genome Sequence of Microbacterium sp. Strain LKL04, a Bacterial Endophyte Associated with Switchgrass Plants. *Microbiology resource announcements*, 8(45).
- Slomy, A. K., Jasman, A. K., Kadhim, F. J., AL-Taey, D. K., & **Sahib, M. R.** (2019). STUDY IMPACT OF SOME BIOFACTORS ON THE EGGPLANT *SOLANUM MELONGENA L.* VEGETATIVE CHARACTERISTICS UNDER GLASS HOUSES CONDITIONS. *Int. J. Agricult. Stat. Sci.* Vol, 15(1), 371-374. (Cited by 0)
- JASMAN, A. K., SLOMY, A., **SAHIB, M. R.**, AL-TAEY, D. K., & ABD ALI, A. S. M. A. A. (2019). Evaluation of *Mirabilis jalapa* and *Conocarpus erectus* Extracts against *Bemisia tabaci* and *Myzus persicae* on Solanum melongena Plants under Laboratory and Field Conditions. *Biopesticides International*, 15(1).
- Saleem, M., Law, A. D., ***Sahib, M. R.**, Pervaiz, Z. H., & Zhang, Q. (2018). Impact of root system architecture on rhizosphere and root microbiome. *Rhizosphere*, 6,47- 51.
- Sanchez-Barrios, A., ***Sahib, M. R.**, & DeBolt, S. (2017). “I’ve Got the Magic in Me”: The Microbiome of Conventional vs Organic Production Systems *Plant-Microbe Interactions in Agro-Ecological Perspectives* (pp. 85-95): Springer.

For more information, here is my Google scholar and ResearchGate accounts:

<https://scholar.google.com/citations?user=cJqDBckAAAAJ&hl=en&authuser=1>

<https://www.researchgate.net/>