

RAMZI M. ALSARHAN

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A PhD holder in Entomology, with 23 years of experience in different fields of agriculture including managing farms, protected cultivation (greenhouse), IPM programs, landscaping, entomology and honeybee management. High ability to manage huge work, writing corporate emails and reports and make work plans.

EXPERIENCE

JULY, 2019 – UNTIL NOW

PROJECT MANAGER OF LOCAL HONEYBEES RACE CONSERVATION PROJECT IN SAUDI ARABIA, MINISTRY OF ENVIRONMENT, WATER AND AGRICULTURE OF SAUDI ARABIA

(I am currently working as a director of the indigenous bee race conservation project in the Kingdom of Saudi Arabia at the Ministry of Environment, Water and Agriculture. The project includes studying the morphological and genetic characteristics of the local race and establishing a program for selection, genetic improvement and conservation. The project also involves in the production and distributing of selected better performing mated queens. I was also the head of the follow-up team for Nosema disease delegated by the ministry to see the reality of the situation and I made a laboratory diagnosis and wrote a report and recommendations regarding that disease)

- 1- Queen rearing of the local honeybee race.
- 2- Artificial insemination for the produced queens.
- 3- Establishing nature reserves for the local race.
- 4- Diagnosing honeybee diseases and pests, recommendations and field visits.
- 5- Writing technical reports.
- 6- Participating in the plan setting of the Apiaries and Honey Production Directorate.
- 7- Providing lectures and training courses in beekeeping.

SEPT. 2012 – APRIL, 2019

RESEARCHER, PLANT PROTECTION DEPARTMENT, FOOD AND AGRICULTURE COLLEGE, KING SAUD UNIVERSITY-RIYADH, SAUDI ARABIA

(The subject of my PhD thesis revolved around the raising of queens from a local bee breed in Saudi Arabia and the study of sperm vitality in both queens and males using biotechnology. The study also included the effect of the method of queen rearing on many properties of the produced queens in terms of weight, body length and wings. I have done artificial insemination of virgin queens.)

- 1- Honeybee queen rearing.
- 2- Artificial Insemination of bee queens.
- 3- Managing honeybee colonies (inspection and control of honeybee diseases).
- 4- Working in the plant diseases labs, including the biotechnology protocols.
- 5- Study the sperms' activity of queens and drones of local honeybee race of KSA.

SEPT. 2010 – SEPT. 2012

**HARVEST MANAGER AT LEHA AGRICULTURAL CORPORATION
(SAUDI ARABIA)**

- 1- Arrangements and processing the harvesting of Potato in three major areas in KSA.
- 2- Production of Alfalfa by axial cultivation
- 3- Production of cucumber and tomato from greenhouses in Tabuk region-KSA.

JULY. 2007 – AUGUST 2010

**PROJECT MANAGER FOR LANDSCAPING AND HARDSCAPING AT
BADAN LANDSCAPING & CONTRACTING CO. LTD. IN RIYADH -
SAUDI ARABIA**

- 1 Administration
- 2 following up installation of projects
- 3 irrigation systems

AUG. 2004 – FEB. 2007

**INSTRUCTOR AND RESEARCHER AT THE NORTHERN BADIA
VOCATIONAL SCHOOL**

- 1 Teaching agricultural courses.
- 2 Hydroponic farming, lettuce, strawberry and alfalfa.

JUNE 2001 – TO JUNE 2003

**RESEARCH AND TEACHING ASSISTANT, JORDAN UNIVERSITY OF
SCIENCE AND TECHNOLOGY (JUST)**

- 1 Teaching assistant in plant disease Lab.
- 2 Teaching Assistant in Weed Science Lab.
- 3 Managing bee colonies of JUST apiary.

OCTOBER 1999 – TO JUNE 2004

**AGRICULTURE ENGINEER AND SALES MAN, BALADNA
WEIRHOUSES FOR AGRICULTURE AND VETERINARY, MAFRAQ-
JORDAN**

- 1- Sales man for all agricultural requirements (Seeds, Fertilizers, potting soil and agriculture tools).
- 2- Protection engineer for different tree farms, open and protected farms.

EDUCATION

APRIL, 2019

PHD IN ENTOMOLOGY, FACULTY OF FOOD AND AGRICULTRE, PLANT PROTECTION DEPARTMENT, KING SAUD UNIVERSITY, RIYADH-SAUDI ARABIA

TITLE: Study on Queen Rearing Parameters of the Indigenous Honeybee race, *Apis mellifera jemenitica* (Hymenoptera: Apidae), under Albaha Region Environmental Conditions, Saudi Arabia

excellent degree

NOV. 2004

MASTER IN PLANT PROTECTION, AGRICULTURE FACULTY, DEPARTMENT OF PLANT PRODUCTION, JORDAN UNIVERSITY OF SCIENCE AND TECHNOLOGY, IRBID-JORDAN

TITLE: THE EFFECT OF FORMIC ACID ON THE CONTROL OF THE BEE PARASITIC MITE VARROA DESTRUCTOR

Very good degree

JUNE-1999

BACHELORE IN PLANT PRODUCTION, AGRICULTURE FACULTY, DEPARTMENT OF PLANT PRODUCTION, JORDAN UNIVERSITY OF SCIENCE AND TECHNOLOGY, IRBID-JORDAN

Good degree

TRAINING COURSES

- 1- Deficit Irrigation Practices for Improving Water Productivity of Vegetable Crops, October 26-27-2009. Mafraq-Jordan
- 2- How to Write a Successful Scientific Research Proposal, February 21-22-2010. Amman-Jordan
- 3- Fertigation and Irrigation Technologies, September 9-16-2011. Irbid-Jordan
- 4- Plant Protection and Micro-organisms, June 11-13-2012. Amman-Jordan
- 5- Proboscis Extension Response Conditioning of Honey bees, May 11-15-2013. King Saud University. Riyadh-Saudi Arabia
- 6- Saudi Propolis as a Source of Anti-cancer Drugs Possibilities and Challenges, November 19-21-2013. King Saud University. Riyadh-Saudi Arabia
- 7- Honeybee Queen Rearing and Artificial Insemination of Queens, May 6-15-2016. University of Antwerp (Belgium).
- 8- Honeybee Queen Rearing and Production, Royal Jelly Production and Control of Honeybee's Diseases and Pests, October 26-November 7 – 2016. Jordan University of Science and Technology. Irbid-Jordan
- 9- Introduction to Apitherapy, July 17-18 2022. Fourth Arab Beekeeping Association International Conference organized by the Arab Association for beekeeping. Albaha Region – Saudi Arabia.
- 10- Training on sustainable honeybee breeding program, February 21 2023. Food & Agriculture Organization (FAO) and Sustainable Rural Agricultural Development (SRAD). Riyadh-Saudi Arabia.

SKILLS

- Decision making
- Communications
- Ability to lead a team, arrange and get the work target
- Self-motivation
- Experience in translation with the American Base in Qatar
- Time management
- Conflict resolution

ACTIVITIES

- 1- The Suitable Kinds of Trees for the Arid Lands in Mafraq Governorate-Jordan.
- 2- The Differences between Different Kinds of Cereals under Jordan environment.

- 3- The Widest Spread Plant Diseases and Weeds in the Campus of Jordan University of Science and Technology.
- 4- The Organic Farming in Arid Areas.
- 5- Integrated Pest Management (IPM), in Arid Areas (open fields and protected cultivation).
- 6- Extension for Farmers in Local Region.

PUBLICATIONS

1. **A. Al-Ghzawi and R. Al-Serhan** (2008) The Effect of Formic Acid on The Control of The Bee Parasitic Mite *Varroa destructor* on the Honey Bee under Semiarid Conditions., Acta Phytopathologica et Entomologica hungarica 43 (1), pp. 171-185 (2008).
2. **M. Ansari; A. Al-Ghamdi; A. Mohamed; D. Sharma; K. Khan; R. Alsarhan; M. Omer,** (2014) Antimicrobial activity of Bifidobacterium spp. isolated from *Apis mellifera jemenitica* against *Paenibacillus* larvae, the causative agent of American foulbrood; Conference Paper, Egypt.
3. **Ramzi Al-Sarhan; Nuru Adgaba; Yilma Tadesse; Yehya Alattal; Amal Alabbadi; Arif Single; Ahmad Al-Ghamdi** (2019) Reproductive biology and morphology of *Apis mellifera jemenitica* (Apidae) queens and drones. Saudi Journal of Biological Sciences 26 (7), pp. 1581-1586 (2019).
4. **Nuru Adgaba; Ahmad Al-Ghamdi; Yilma Tadesse; Ramzi Al-Sarhan; Arif Single; Seif Eldin Mohammed; Khalid Khan,** (2018) The responses of *Apis mellifera jemenitica* to different artificial queen rearing techniques. Saudi Journal of Biological Sciences 26 (7), pp. 1649-1654 (2019).
5. **Yehya Alattal; Ramzi Al-Sarhan; Ahmad Al-Ghamdi; Nuru Adgaba; Hussien Migdadi,** (2020) Mating frequency of *Apis mellifera jemenitica* under desert conditions of Saudi Arabia. Saudi Journal of Biological Sciences <https://doi.org/10.1016/j.sjbs.2020.10.045>.

PARTICIPATIONS:

- 1- Introducing a lecture in AlQassim honey festival the first, Topic: The honeybee products and equipment, in the name of Ministry of Environment, water and agriculture, Saudi Arabia. On 16th of November 2019.
- 2- Introducing a paper in a workshop of Albaha Region, Saudi Arabia. Topic: The efforts of Ministry of Environment, water and agriculture regarding supporting the honeybee sector in Saudi Arabia. On 18th of October 2019.
- 3- Training course for the employee of Ministry of Environment, Water and Agriculture in Gezan, Saudi Arabia. Topic: Honeybee Queen Rearing. On 8th – 9th 2020.
- 4- Introducing a paper in the 4th Arab Beekeeping Association International Conference, Topic: Results and perspectives of the conservation project of local honeybee race of Saudi Arabia. Albaha region, KSA. On 18th – 19th July, 2022.
- 5- Presentation of a training course on honeybee queen rearing. In cooperation with Food & Agriculture Organization (FAO) and Ministry of Environment, Water & Agriculture. Asir region, KSA. On 19th -21 March, 2023

REFERENCES

- 1- **Prof. Abdalmajeed Alghzawi**, PhD Plant Pathology, Department of Plant Production, Jordan University of Science and Technology, Irbid 22110, JORDAN Tel.: +962 27201000.
- 2- **Dr. Ibrahim Makhadmeh**, Department of Plant Production, Jordan University of Science and Technology, Irbid 22110, JODRAN Tel.: +962 27201000.
- 3- **Prof. Ahmad Al-Ghamdi**, Department of Plant Protection, Food and Agriculture college, King Saud University, Riyadh-Saudi Arabia Tel.: +966505782019

LANGUAGES:

- 1 Arabic Language is mother Language.
- 2 English Language is very good in Reading, writing, Listening and Conversation. Passing TOEFL IBT exam (81).