



An-Najah National University
Hassan Abu-Qaoud

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Date: 12/9/2012

Name: Hassan A. Abu-Qaoud

Date of birth: 2/12/1958

Nationality: Palestinian

Proposed position: Associate Professor

Profession: Agriculture Engineering

Name of firm: An Najah.Nat. University

Education and professional training:

- Ph.D. Department of Horticulture, University of Illinois at Urbana-Champaign, USA, 1989.
- M.Sc., Department of Plant Production, University of Jordan, Amman-Jordan, 1984.
- B.Sc., Department of Plant Production, University of Jordan, Amman-Jordan, 1981.
- Training on strategy planning for One million tree project, Amman .Jordan 2005

Languages:

English: (Speaking, Reading, & Writing) - Competent

Arabic: Native Speaker

Years in the profession: 25

Professional registration: Agriculture Engineers Association, Amman Center

Professional associations:

1. The International Association for Plant Tissue Culture and Biotechnology 1994 - Present.
2. Tissue Culture Association. 1987- Present.
3. American Society for Horticultural Science. 1987-Present

Professional experience:

- 2012: Team member conducting a study on Palestinian Land Development Needs Assessment. Report compiled by a Purpose Needs Assessment Team commissioned by a Consortium of European Palestinian Land Development Program Donors.
- 2009-2010: Agriculture Expert of a consultancy team conducting a strategic Planning Development for Nablus Governorate.
- 2009–Present: Thematic consultant for FP7. Ministry of Higher Education. Palestinian Authority.
- 2009: Participation in several work shop on Global gap arranged by the MOA
- 2008- Present: Participant in a Mediterranean innovation and research coordination action (MIRA) (FP7-INCO) project.
- 2008: Agriculture Expert of a consultancy team conducting a strategic Planning Development for Jenin Governorate.
- 2007: Agriculture Expert Evaluating a project conducted by the ministry of Agriculture on land reclamation in Nablus District, financed by the Government of Spain, focuses on both the employment generation and the agricultural sector in the district. It has two main purposes: to generate employment and to expand agricultural production, through a very labor-intensive land reclamation programme in fifteen selected villages of the District. It was aimed that by the end of the project about 2,400 dunums of land owned by small land owners will have been reclaimed, terraced, equipped with cisterns for rainwater catchments and storage, fenced, and planted with fruit trees. Farmers will also have been provided with extension support services. In doing so, the project will have generated 90,000 work/days.
- 2006: Agricultural Expert Evaluating a project conducted by several non governmental organization to assist in the production and marketing of 200 tons of extra virgin olive oil from the Assera Al-Shamalieh region, with strict adherence to export trade requirements. The project is funded by the Participatory Natural Resource Management Programme (PNRMP) as a loan by IFAD to Palestinian Authority and executed by UNDP/PAPP integrated the olive sector as part of its components.
- 2006: Agricultural Expert: Evaluating study of a project with Care international on food security in Tulkarem and Jenin districts entitled: "EMERGENCY ASSISTANCE FOR IMPOVERISHED HOUSEHOLDS TO IMPROVE FOOD SECURITY IN VILLAGES AFFECTED BY THE WALL" The project focused on the food supplies, agricultural inputs and agricultural roads in rural areas impoverished by the wall. The project was funded by the European Commission for Humanitarian Aid (ECHO). project aims to improve food security for 763 poor and marginalized Palestinian households in ten villages in the Jenin District of the

West Bank. The project activities include: the introduction of high-yielding small ruminants, diverse crops, and water conservation systems; training and extension services in animal husbandry, water resource management, and small-scale agriculture; and, the development of village-based producer and marketing cooperatives or associations.

- 2005: Agricultural Expert working with Palestine Economic policy Research Institute (MAS). The project aimed at understanding how the agricultural sector has changed in order to provide agricultural experts and farmers with updated information on the current situation with regard to agricultural production, food demand, and pricing and to help them get the best profit out of their agricultural production. This research work is part of a EC funded project (ONG/PVD/2004/061-180) aimed at improving the economic and social condition of Palestinian rural villages in the Tulkarem and Qalqilya Districts (West Bank) by increasing agricultural productivity and profitability and enhancing food security.
- 2004-2005: Researcher for The Socio-economic Study for the Desertification Control Project's Sites in Hebron Area.
- 2001: Project investigator. Conducting an Environmental Impact Assessment for Nablus –Jenin road's project.
- 2000-2005: Project investigator (Palestine) for the improvement of olive production in semi-arid condition (International project).
- 1999-2004: Project investigator (Palestine) for the conservation and sustainable use of dry land Agro-Biodiversity of the Palestine (International Project)
- 1999-Present: Tissue culture project Director. (An-Najah Nat. University)
- 1990-1992: Tissue culture project Director. (University of Jordan). Member of National plant biotechnology committee.
- 1996: Director of a cooperative project with phoenix station at Elche (Spain) for improving in vitro propagation of date palm.
- 1995-1999: Project Coordinator of the Med- campus project CO57 Identification and determination of common quality parameters in Mediterranean Fruit and Vegetable products"

Summary of experience:

Publication and research (a sample of relevant work)

- 1981-1984: Research Assistant, Department of plant Production, University of Jordan, Amman-Jordan.
- 1984-1986: Assistant Farm Manager, Badah Agriculture Company, Amman- Jordan. Establishing an irrigated farm in the desert of Wadi Araba (Southern of Jordan) of 2000 dunums using the Central Pivot system. Potato was cultivated as a field crop for this farm it was among the first project using this system in Jordan. The project aimed mainly at generate employment, and to expand agricultural production area, through an intensive land reclamation programme in several communities
- 1986–1988: Research Assistant, Department of Horticulture, University of Illinois, Urbana-Champaign, II. 61801. USA
- 1988: Teaching Assistant, department of Agronomy, University of Illinois, Urbana-Champaign, II. 61801. U. S.A.
- 1990-1992: Assistant Professor, Department of plant Production, University of Jordan, Amman-Jordan.
- 1992-1994: Assistant Professor, Faculty of Agriculture- An-Najah National University, Nablus-West Bank
- 1994-1996: Dean Faculty of Agriculture An-Najah University.
- 1996–1997: Chairman plant production and protection, Department -An-Najah Nat. Uni.
- 1997-1999: Assistant Professor Department of Plant Production and Protection. Faculty of Agriculture. An-Najah Nat. Uni.
- 1999–2000: Associate Professor. Chairman Plant Production and Protection Department -An-Najah Nat. Uni.
- 2000-present: Associate Professor, Department of Plant Production and Protection. Faculty of Agriculture .An-Najah Nat. Uni. (Chairman)

Publications:

1. Al-Fares, H., Abu-Qaoud, H. 2012. Molecular characterization of genetic diversity in some durum wheat (*Triticum durum* Desf.) in Palestine. *African Journal of Biotechnology* Vol. 11(51), 11230-11235.
2. Abu-Qaoud, H. Improving adventitious shoot regeneration from cultured leaf explants of *Petunia hybrida* using thidiazuron. 2012. *African Journal of Biotechnology* Vol. 11(51), pp. 11230-11235. DOI: 10.5897/AJB12.1695
3. Abu-Qaoud, H., Abu-Rayya A and Yaish S. 2010. In vitro regeneration and somaclonal variation of *Petunia* hybrid. *J. Fruit and Ornamental Plant Res.* 18(1): 71-82
4. Abu-Qaoud. H. 2007. Effect of scarification, gibberellic acid and stratification on seed germination of three *Pistacia* species. *An-Najah Uni.J.Res (N.Sci.)* Vol.12: 1-11.
5. Abu-Qaoud. H., N. Mizyed and A. Othman. 2007. The use of treated gray waste water for irrigation of rainfed olives in the West Bank. *Bethlehem Uni. Journal* .Vol.26: 10-22.
6. Abu-Qaoud. H. 2005 Germination of 'Arabequina' olive seeds as affected by chemical scarification, hot water treatment and endosperm tissue. *Jordan Journal of Agricultural Sciences*, Vol.1, No.1. 1-6
7. Abu-Qaoud. H. 2004. In vitro organogenesis and shoot regeneration of *Cyclamen persicum* Mill. using seedling tissues. *An-Najah Univ, J. Res* 18 (2) 147-156.
8. Abu-Qaoud. H. 2004. Effect of Hydrogen cyanamide and potassium nitrate on bud break and production of 'Perlette' grape in the Jordan Valley. 31 (1): 46-52
9. Mizyed. N., I. Eqteeshat and H. Abu-Qaoud. 2002. Optimum nitrogen fertilization for potato in the West Bank-Palestine. *An-Najah Univ. J. Res.* 16 (2) 141-154.
10. Abu-Qaoud. H. 1999. Performance of different grape cultivars for rooting and grafting. *An-Najah Univ. J. Res.* 13: 1-10.
11. Altoori. M., M. Omari and H. Abu-Qaoud. 1999. Studies on the propagation of Carob *Cerotonia siliqua* by stem cuttings. *Dirasat* 26(2)
12. Abu-Qaoud . H. and N. Mizyed. 1998. Response of three wheat cultivars to nitrogen fertilization. *An-Najah Univ. J. Res.*12: 55-69.
13. Abo-Omar, J., H. Abu-Qaoud and H. Shanti. 1997. The effect of urea on feeding local goats *An-Najah Univ. J. Res.* 11: 79-88.
14. Hammaudeh . H.Y., M.A Suwwan , H.A. Abu-Qaoud and R.A. Shibli . 1998 Micropropagation and regeneration of Honeoye' strawberry. *Dirasat, Agri. Sci.* 25 (2) 170-178.

15. Sawwan. J H. Abu. Qaoud and M. Huzain. 1998. Effect of sucrose levels on the in vitro and ex vitro growth of African violet (*Saintpaulia ionantha* Wendl). *Adv. Hort. Sci.* 12:8-10.
16. Abu- Qaoud. H. and J. Sawwan. 1998 In vitro propagation of *Yucca elephantipes* plant. *The Islamic U.J.* 6(2) 55-65.
17. Yousef, A.A.R., M.A. Suwwan , A.M. Al-Musa and H.A. Abu-Qaoud. 1997. In Vitro culture and Microtuberization of "Spunta "Potato (*Solanum tuberosum* L.). *Dirasat, Agri. Sci.* 24 (2) 173 -181.
18. Abu-Qaoud. H. 1995. Status of date palm in Palestine. *Options Mediterraneennes* No. A-28.1996 81-84.
19. Abu-Qaoud, H. and R. Alkoini. 1995. The effect of seed treatments on germination of *Gundellia tournefortii* seeds. *An-Najah Univ. J. Res.* 3 (9): 58 - 72.
20. Sriskandarajah. S., R.M. Skirvin and H. Abu-Qaoud. 1990. The effect of some macronutrients on adventitious root development on Scion apple cultivars in vitro. *plant cell, Tissue and Organ culture* 21:185-189.
21. Skirvin, R.M., H. Abu-Qaoud, Sriskandarajah and D.E. Harry. Genetics of micropropagated woody plants 1993. In Ahuja. R.M. (Ed). *Micropropagation of woody plants.* 121-152. Kluwer Academic publishers Netherlands.
22. Abu-Qaoud, H. and B. Abu-Irmaileh. 1996 Propagation of Banana by tissue culture. *The Islamic Uni.J.* 4 (1): 68 - 77.
23. Sriskandandarajah, S., R.M. Skirvin, H. Abu-Qaoud and S.S. Korban. 1990. Factors involved in shoot elongation and growth of adventitious and axillary shoots of three apple scion cultivars in vitro. *J.Hort. Science* 65(2): 113-121
24. Chevreau, E., R.M. Skirvin, H.A. Abu-Qaoud, S.S. Korban and J.G. Sullivan. 1989. Adventitious shoot regeneration from leaf tissue of three pear (*Pyrus* sp.) cultivars in vitro. *Plant Cell Reports.* 7:688-691.
25. Abu-Qaoud H., R.M. Skirvin and F.E. Below. 1991. Influence of nitrogen from and $\text{NH}_4\text{-N} / \text{:NO}_3$ ratios on adventitious shoot formation from pear (*Pyrus Communis*) leaf explants in vitro. *Plant Cell Tissue and Organ Culture.* 27: 315-319.
26. Abu-Qaoud, H., R.M. Skirvin and E Cherveau. 1990. In vitro separation of chimeral pears into their component genotypes. *Euphytica.* 48: 189-196.
27. Abu- Qaoud, H. 1989. In vitro separation of chimeral pear into their component genotypes. Ph. D. Thesis. University of Illinois at Urbana-Champagian. Illinois U.S.A.

28. Abu- Qaoud, H. 1984. Effect of Indole butyric acid, organic and inorganic Nutrients on the propagation of semihardwood “Nabali Olive cuttings. Msc. Thesis. University of Jordan, Amman .Jordan.

Activities:

1. Coordinator, Master program in Plant production (first program in Palestine)
2. Chiarman Plant production and protection department.
3. Member, Faculty of Agriculture Council, 2000- present.
4. Coordinator, Tissue culture Laboratory project, An-Najah National University (NNU), 1999 - present
5. Consultant Agricultural Policy and strategy for the ministry of Agriculture, 1999.
6. Member, Agrobiodiversity project at Jenin area, 1994-1998.
7. Member, Agriculture farm Anajah Nat.University 2004-present
8. Supervisor, University gardens and landscape development Committee, NNU, 2005 to Present.
9. Member, Plant production Evaluation and Development Committee, NNU, 2001 – 2002.
10. Member, University Council, NNU, 2000 – Present.