

## **CURRICULUM VITAE**

**AHMED ABDEL-SAMIE MOHAMED DAWABAH**

*Professor of Plant Pathology (Nematology)*

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## **PROFILE**

Professor of plant pathology (nematology), with B. Sc. degree of plant pathology, M. Sc. and Ph. D. degrees of plant pathology (nematology). Twenty-three years of teaching and academic experience in two major Arab universities (Alexandria University, Egypt and King Saud University, Saudi Arabia). Thirty years of experience in scientific research in the field of plant pathology and nematology, with research interest in: morphological and molecular identification of plant-parasitic nematodes especially, root-knot and cyst nematodes; host/pathogen (nematode) interactions; and plant nematode control. Fourteen years of experience in judging research articles and proposals, and ten years of experience in participating in the editorial boards of scientific journals and publication committees. Experienced in working and cooperation with large scientific research programs and teams. Experienced in managing nematode problems in large commercial scale production. Good communication skills and ability to effectively interact with researchers, plant breeders, growers and general public. Accomplished; three refereed books, seven book chapters, eight extension bulletins and about 50 research articles. Awarded (with other two colleagues) the first rank award for the distinguished scientific research papers presented in The Second Symposium of The Saudi Society of Agricultural Sciences, held in the College of Food and Agriculture Sciences, King Saud University, Riyadh, Saudi Arabia from 22 to 24 February, 2005.

## **PERSONAL DATA**

**Name:** Ahmed Abdel-Samie Mohamed Ibrahim Dawabah

**Date and place of Birth:** August 21, 1956 - El-Menia, Egypt

**Nationality:** Egyptian

**Marital Status:** Married

**Academic Rank:** Professor, December 26, 2002

**Speciality:**

**Major** : Plant Pathology

**Speciality** : Plant Nematology

**Minor 1** : Genetics

**Minor 2** : Ecology

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## **EDUCATION**

- Ph. D. Plant Pathology (Plant Nematology). College of Agriculture, Alexandria University, Egypt. July 10, 1989. Dissertation: "Interaction of Plant-Parasitic Nematodes on Certain Host Plants".
- M. Sc. Plant Pathology (Plant Nematology). College of Agriculture, Alexandria University, Egypt. January 9, 1984. Dissertation: "Biological Studies on Root-Knot Nematodes".
- B. Sc. Plant Pathology. College of Agriculture, Alexandria University, Egypt. June, 1989. (Average: Very Good).

## **SPECIAL TRAINING**

- A two weeks course and workshop in "Bioinformatics and Molecular Biology" offered at Nematology and Biotechnology Unit, Faculty of Agriculture, Fayoum University, as a cooperative international effort between Fayoum University (Egypt) and both of Towson University (USA) and the US Department of Agriculture. 10-21 January, 2009.
- The second workshop of training course in "Molecular Markers: Principles and Applications". The Center of Excellence in Biotechnology Research, King Saud University. Riyadh, Saudi Arabia. 25-28 May, 2008.
- A three weeks training course in "Identification of Plant Parasitic Nematodes". Plant Pathology Department, College of Agriculture, Alexandria University. June, 1982.

## **ACADEMIC RANKS**

- Professor, December 26, 2002 —
- Associate professor, February 15, 1996 — December 25, 2002.
- Assistant professor, August 6, 1990 — February 14, 1996.
- Lecturer, September 13, 1986 — August 5, 1990.
- Plant pathology specialist, June 30, 1981 — September 12, 1986.

## **EMPLOYMENT HISTORY**

- Professor of Plant Nematology, Department of Phytonematological Research, Phytopathological Research Institute, Agricultural Research Center, Giza, Egypt. December 26, 2002 —
- Associate Professor of Plant Nematology, Department of Phytonematological Research, Phytopathological Research Institute, Agricultural Research Center, Giza, Egypt. February 15, 1996 — December 25, 2002.
- Assistant Professor of Plant Nematology, Department of Phytonematological Research, Phytopathological Research Institute, Agricultural Research Center, Giza, Egypt. August 6, 1990 — February 14, 1996.
- Lecturer of Plant Nematology, Department of Phytonematological Research, Phytopathological Research Institute, Agricultural Research Center, Giza, Egypt. September 13, 1986 — August 5, 1990.
- Plant Pathology Specialist, Department of Phytonematological Research, Phytopathological Research Institute, Agricultural Research Center, Giza, Egypt. May 26, 1984 — September 12, 1986.
- Plant Pathology Specialist, Rasheed Agricultural Administration, El-Behera Agricultural Bureau, Ministry of Agriculture, Egypt. June 30, 1981 — May 25, 1984.

## **ACADEMIC AND SCIENTIFIC RECORDS**

### **I- Teaching**

#### **A- Plant Pathology Department, College of Agriculture, Alexandria University (Sep., 1988 – June, 1990)**

##### **1- Under graduate Courses**

- 1- Plant Pathology 101 (Principles of Plant Pathology)
- 2- Plant Pathology 104 (Control of Plant Diseases)
- 3- Plant Pathology 128 (Principles of Plant Nematology)
- 4- Botany 1B (Plant Kingdom)
- 5- Botany 3 (Bacteriology)
- 6- Botany 103 (Plant Ecology)

## **2- Graduate Courses**

1- Plant pathology 206 (Diseases Caused by Plant Parasitic Nematodes)

### **B- Plant Protection Department, College of Food and Agriculture Sciences, King Saud University (Sep., 1990 —)**

#### **1- Under graduate Courses**

- 1- 221 PLPT (Principles of Plant Pathology)
- 2- 225 PLPT (Crop and Horticultural Diseases)
- 3- 302 PLPT (Principles of Plant Protection)
- 4- 303 PLPT (Pests of Forests and Forage Crops)
- 5- 325 PLPT (Plant Diseases Caused by Nematodes)
- 6- 405 PLPT (Field Training)
- 7- 420 PLPT (Principles of Plant Epidemiology)

#### **2- Graduate Courses**

- 1- 501 PLPT (Diagnosing of Plant Diseases)
- 2- 507 PLPT (Phytopathology II)
- 3- 512 PLPT (Plant pathology Techniques)
- 4- 515 PLPT (Non-Infectious Plant Diseases)
- 5- 516 PLPT (Advanced Plant Nematology)
- 6- 517 PLPT (Research Teqniques in Plant Nematology)
- 7- 518 PLPT (Host-Pathogen Interactions)
- 8- 527 PLPT (Phytopathogenic Nematodes)
- 9- 590 PLPT (Special Studies)
- 10- 625 PLPT (Ecology and Physiology of Plant Nematodes)
- 11- 631 PLPT (Field Plant Nematology)

### **C- Botany Department, College of Science, King Saud University (1998 - 2003)**

- 1- 101 Bot (General Botany)

## **II- Research Projects**

1. The research project "Use of Molecular Markers for Identification of Local Pathotypes of The Cereal Cyst Nematode and Identification of Resistant Wheat Genotypes in Saudi Arabia". The project is being funded by the Center of Excellence in Biotechnology Research, King Saud University, for 4 years , started July, 2008. Preliminary results were published in: "The First International Symposium of Cereal Cyst Nematodes", held in Antalia, Turkey, 21-23 October, 2009, and "The Tenth Arab Congress of Plant Protection", Held in Beirut, Lebanon, 26-30 October, 2009.

2. The research project "Combined Effects of Urea and Fenamiphos on Cereal Cyst Nematode and Wheat Growth and Productivity". Funded by the Agricultural Research Center, College of Food and Agriculture Sciences, King Saud University. December, 2006 – January, 2007. Results were published.
3. The research project "Effect of MAP, DAP, Urea and Certain Compound Fertilizers on Wheat Sustainability to The Infection with Cereal Cyst Nematode". Funded by the Saudi Company for Basic Industries (SABIC). November, 2005 - March, 2006. Results were published.
4. The research project # PLPT 35 "Possible Use of Certain Plant Extracts in Controlling Plant Pests". Funded by the Agricultural Research Center, College of Food and Agriculture Sciences, King Saud University. April 10, 2002 - April 9, 2003. Results were published.
5. The Research project "Studies on Forest Trees in The Southwest of Saudi Arabia". Funded by the Ministry of Agriculture, Kingdom of Saudi Arabia, and supervised by King Abdul-Aziz City for Science and Technology (KACST). January, 2001 - December, 2004. Results were published.
6. The research project "Survey of Fungal and Nematode Diseases on Ornamental Plants in Riyadh Region, Saudi Arabia". Funded by the Agricultural Research Center, College of Agriculture, King Saud University. 1999 - 2000. Results were published in the Alexandria Journal of Agricultural Research (Egypt).
7. The research project "Determination of Yield Losses Caused by The Cereal Cyst Nematode on Wheat and Barley". Funded by the Agricultural Research Center, College of Agriculture, King Saud University. 1996 - 1997. Results were published in: Nematology (Europe), Pakistan Journal of Nematology (Pakistan), and Journal of King Saud University, Agricultural Sciences (Saudi Arabia).
8. The research project # AT-10-108 "Potato Diseases and Production of Pathogen-Free Potato Clones via Tissue Culture in Saudi Arabia". Funded by King Abdul-Aziz City for Science and Technology (KACST). 1990 - 1993. Results were published in: Pakistan Journal of Nematology (Pakistan), Alexandria Journal of Agricultural Research (Egypt), and Journal of King Saud University, Agricultural Sciences (Saudi Arabia).
9. The research project # AT-9-36 "The Possible Reuse of Treated Municipal Waste Water in Agricultural Irrigation and Its Associated Adverse Effects on Plants, Animals and Human". Funded by King Abdul-Aziz City for Science and Technology (KACST), for 3 years (I participated from September, 1990 to December, 1991). Results were published in: Nematologia Mediterranea (Italy), and Journal of King Saud University, Agricultural Sciences (Saudi Arabia).
- 10- The research project # AL 043 "Biological Control of Nematodes Parasitizing Certain Economical Crops in Northern Egypt". Plant pathology Department, College of Agriculture, Alexandria University. Funded by The National Agricultural Research Projects (NARP), Agricultural Research Center, Ministry of Agricultur, Egypt. I participated from January to September, 1990. Results were published.
- 11- The research project "Evaluation of Damage and Yield Losses Caused by Certain Agricultural Pests to Field and Horticultural Crops Before and After Harvest" Plant pathology Department, College of Agriculture, Alexandria University.

Funded by the Academy of Scientific Research, Ministry of Higher Education, Egypt. I participated from January 1989 to September, 1990. Results were published.

- 12- The research project # 105 "Integrated Control of Squash Diseases". Plant Protection Research Station, Alexandria Regional Agricultural Research Station, Agricultural Research Center, Ministry of Agriculture, Egypt. January, 1984 - December, 1996. Results were published.
- 13- The research project # 136 " Integrated Control of Green Bean Diseases". Plant Protection Research Station, Alexandria Regional Agricultural Research Station, Agricultural Research Center, Ministry of Agriculture, Egypt. January, 1984 - December, 1996. Results were published.
- 14- The research project # 139 " Integrated Control of Soybean Diseases". Plant Protection Research Station, Alexandria Regional Agricultural Research Station, Agricultural Research Center, Ministry of Agriculture, Egypt. January, 1984 - December, 1996. Results were published.
- 15- The research project # 51044 "Survey of Common Smut Disease on Corn in Egypt". Plant pathology Department, College of Agriculture, Alexandria University and, Plant Pathology Department, Kafr El-Sheikh College of Agriculture, Tanta University. Funded by The Egyptian and American Universities Association with the Fund # 0118/263. January - December, 1985. Results were published.
- 16- The research project "Preparation of Seed Beds". Agricultural Engineering Department, College of Agriculture, Alexandria University. Funded by the Ministry of Agriculture, Egypt. 1982 - 1985. Results were published.
- 17- The research project "Studies on The Biotypes and Races of Root-Knot Nematodes". This project is a part of The International *Meloidogyne* Project (IMP) # P.L. 480 Research Project No. EG-ARS-72 (Grant No. FG-178). Agricultural Research Service, International Programs Division, US Department of Agriculture, USA. I participated from January, 1981 to August, 1986. Results were published.

### **III- Publications**

I have published (nationally and internationally) as an editor, co-editor, author, co-author or a translator; three refereed books, seven book chapters, eight extension bulletins, and about 50 journal articles. **[Please see the list of publications]**.

### **IV- National and International Scientific Cooperation**

#### **A- Editorial Boards**

- 1- Member of the Editorial Board of the "**Arab Journal of Plant Protection**", published by the Arab Society for Plant Protection, American University, Beirut, Lebanon. 2000 – present.
- 2- Member of the Editorial Board of the "**Arab and Near East Plant Protection Newsletter**", published by the Arab Society for Plant Protection, American University, Beirut, Lebanon. 2008 – present.

- 3- Member of the "**Publication Committee**". Arab Society for Plant Protection, American University, Beirut, Lebanon. January 1, 2004 – present.
- 4- Member of the "**Arabidization of Scientific Terms Committee**". Arab Society for Plant Protection, American University, Beirut, Lebanon. January, 2002 - December, 2006.
- 5- Editor (and author of some chapters) of the proposed book "**Date Palm Diseases and Pests**". Arab Society for Plant Protection, American University, Beirut, Lebanon. Under preparation.
- 6- Co-editor (and author and co-author of some chapters) of the book "**Plant Nematology in The Arab Countries**". Arab Society for Plant Protection, American University, Beirut, Lebanon. Published in Beirut, 2009.
- 7- Co-ditor (and co-author) of the book "**Dictionary of Scientific Terms in Plant Protection**". Arab Society for Plant Protection, American University, Beirut, Lebanon. Published in Beirut, 2006.

### **B- Evaluation of Journal articles and Research Proposals**

- 1- Review of manuscripts submitted for publication in some scientific journals, since 1997.
- 2- Review of research proposals submitted to some agricultural research centers and centers of excellence in scientific research, since 2005.

### **C- Membership in The Professional Scientific Societies**

- 1- Society of Nematologists (SON), USA.
- 2- Pakistan Society of Nematologists (PSN), Pakistan.
- 3- Arab Society for Plant Protection (ASPP), Lebanon.
- 4- Egyptian Society of Agronematology (ESAN), Egypt.
- 5- Saudi Biological Society (SBS), Saudi Arabia.
- 6- Saudi Society of Agricultural Sciences (SSAS), Saudi Arabia.
- 7- Alexandria Journal of Agricultural Research, Egypt.
- 8- Journal of Alexandria Science Exchange, Egypt.

### **D- Scientific and Organizing Committees**

- 1- Member of the scientific committee of the Tenth Arab Congress of Plant Protection. Arab Society for Plant Protection. 26-30 October, 2009. Beirut, Lebanon.
- 2- Member of the scientific committee of the Ninth Arab Congress of Plant Protection. Arab Society for Plant Protection. 19-23 November, 2006. Damascus, Syria.
- 3- Member of the scientific committee of the workshop "Cereal Cyst Nematode in The Kingdom of Saudi Arabia". 7-8 November, 2001. College of Agriculture, King Saud University. Riyadh, Saudi Arabia.



- 4- Member of the organizing committee of the workshop "Cereal Cyst Nematode in The Kingdom of Saudi Arabia". 7-8 November, 2001. College of Food and Agriculture Sciences, King Saud University. Riyadh, Saudi Arabia.
- 5- Chairman of the growth chambers and glasshouses supervising committee. Plant Protection Department, College of Food and Agriculture Sciences, King Saud University. 2009 – present.
- 6- Member of the growth chambers and glasshouses supervising committee. Plant Protection Department, College of Food and Agriculture Sciences, King Saud University. 1996 - 2009.
- 7- Member of the Demonstration and Museum Unit. Plant Protection Department, College of Food and Agriculture Sciences, King Saud University. 1996-2006.

### **E- Consultations**

- 1- Part-time consultant of "The National Agricultural Development Company (NADEC)". Saudi Arabia. May, 2005 – June, 2008.
- 2- Part-time consultant of the "Mubarak Association for Reclaiming New Areas", Rasheed, Beheira, Egypt. 1987- 1990.

### **F- Teaching in The Training Courses and Workshops**

- 1- The training course "Integrated Plant Health Management (IPHM) in Greenhouses". Plant Protection Department, College of Food and Agriculture Sciences, King Saud University. The course was requested by FAO, Ministry of Agriculture, Saudi Arabia. 9-20 December, 2006.
- 2- The training course "Practical Methods for Identification and Diagnosing The Infection with Cereal Cyst Nematodes". Plant Protection Department, College of Food and Agriculture Sciences, King Saud University. The course was requested by Saudi Agricultural Group (SAG). 13-17 May, 2006.
- 3- The workshop "Cereal Cyst Nematode in The Kingdom of Saudi Arabia". Plant Protection Department, College of Agriculture, King Saud University. 7-8 November, 2001.
- 4- The training course "Nematodes and Their Control". Plant Protection Department, College of Agriculture, King Saud University. The course was requested by Ministry of Agriculture, Saudi Arabia. 16-27 May, 1998.
- 5- The training course "Agricultural Quarantine Pests". Plant Protection Department, College of Agriculture, King Saud University. The course was requested by Ministry of Agriculture, Saudi Arabia. 3-5 November, 1998.
- 6- The training course "Nematodes and Their Control". Plant Protection Department, College of Agriculture, King Saud University. The course was requested by Ministry of Agriculture, Saudi Arabia. 4-15 December, 1998.
- 7- The training course "Methods of Diagnosing and Controlling Plant Diseases". Plant Protection Department, College of Agriculture, King Saud University. The course was requested by The Center of Social Services and Continuous Education, King Saud University, Saudi Arabia. November, 1993.



## **G- Symposia and Conferences**

I have participated in many (more than 40) national and/or international symposia and conferences. My participations were either as; a member of a scientific and/or organizing committee, chairman of a scientific session, invited speaker, presenting a paper, or participating in a discussion. **[Please see the appendix]**.

## **HONORS AND AWARDS**

### **I- Awards and Prizes**

- The First Rank Award for The Distinguished Scientific Research Papers Presented in The Second Symposium of The Saudi Society of Agricultural Sciences. 22-24 February, 2005. College of Food and Agriculture Sciences, King Saud University, Riyadh, Saudi Arabia. The presented paper was: "*Plant-parasitic nematodes associated with forest trees and shrubs in Baha region, south west Saudi Arabia*", by: Al-Yahya, F. A., **A. A. M. Dawabah** and A. S. Al-Hazmi.

### **II- Letters and Certificates of Recognition and appreciation**

- A certificate of recognition and appreciation from the Saudi Society of Agricultural Sciences, in recognition of the effective contributions and distinguished efforts which participated in the success of "The Fourth International Conference on Development and The Environment", held in King Saud University, Riyadh, Saudi Arabia (16-18 April, 2008).
- A certificate of appreciation from the Saudi Biological Society, in recognition of the valuable contribution as a speaker in "The International Conference on The Arabian Oryx in The Arabic Peninsula", held in King Fahad Cultural Center, Riyadh, Saudi Arabia (21-23 April, 2007).
- A certificate of recognition and appreciation from the Head of Plant Protection Department, College of Food and Agriculture Sciences, King Saud University, in recognition of the distinguished efforts in the training course "Practical Methods for Identification and Diagnosing The Plant Infection with Cereal Cyst Nematode", held in the department (13-17 May, 2006).
- A certificate of recognition and appreciation from The Saudi Society of Agricultural Sciences, in recognition of the distinguished contributions in the second symposium of the society, held in the College of Food and Agriculture Sciences, King Saud University (22-24 February, 2005).
- A certificate of recognition and appreciation from the Director General of The Agricultural Sector, National Agricultural Development Company (NADEC), Saudi Arabia, in recognition of the distinguished efforts and the scientific cooperation with the company as a part-time consultant during the period of May 2005 to June 2008.
- A letter of recognition and appreciation from Zaid Al-Hussain Foundation in January 27, 2002, in recognition of the great efforts and the accurate results in identification and diagnosing nematode problems in their farms.
- A certificate of recognition and appreciation from the Dean of The College of Agriculture, King Saud University (the general supervisor of the workshop

"Cereal Cyst Nematode in The kingdom of Saudi Arabia", held in the Department of Plant Protection, 7-8 November, 2001), in recognition of the distinguished contributions presented in the workshop, which greatly participated in the success of the workshop.

- A letter of recognition and appreciation from the Dean of the College of Agriculture, King Saud University (the general supervisor of the workshop "Cereal Cyst Nematode in The kingdom of Saudi Arabia", held in the Department of Plant Protection, 7-8 November, 2001), in recognition of the valuable scientific paper and the distinguished participations presented in the workshop, which greatly participated in the success of the workshop.
- A letter of recognition and appreciation from the Editor in Chief of The Arab Journal of Plant Protection in May 12, 2001, in recognition of the high scientific and positive attitudes in evaluation the scientific papers presented for publication in the Journal. And, the helpful aids introduced to the Arab scientists to develop their scientific writings.
- A certificate of recognition and appreciation from the Director General of the Development Center, Ministry of Agriculture, Saudi Arabia, in recognition of the great efforts in the training course "Nematodes and Their Control", held at 16-27 May, 1998.
- A certificate of recognition and appreciation from the Director General of The Agricultural Sector, National Agricultural Development Company (NADEC), Saudi Arabia, in recognition of the distinguished and effective contribution while visiting the Hail project during the wheat growing season 95/1996, and the scientific benefits gained by the company in the area of plant protection during this visit.
- A certificate of recognition and appreciation from the Director General of the Development Center, Ministry of Agriculture, Saudi Arabia, in recognition of the great efforts in the training course "Nematodes and Their Control", held at 4-15 December, 1993.
- A letter of recognition and appreciation from Masstock Saudi Limited Company in March 3, 1993, in recognition of the efforts created in diagnosing nematode problems in their fields.

## List of Publications

### A- Books

- Abu-Gharbieh, W.I., A.S. Al-Hazmi, Z.A. Stephan and **A.A. Dawabah** (Eds.). 2009. *Plant Nematodes in The Arab Countries Vols. I & II*. Arab Society for Plant Protection. Dar Wael for Publishing and Distribution. Amman, Jordan. 1242 pp. (In Arabic).
- Dawabah, A.A.M.** and F. A. Al-Yahya. *Plant Nematode Control Vols. I & II*. King Saud University Press. Riyadh, Saudi Arabia. 875 pp. (In Arabic). A translation of The British Book " Plant Nematode Control written by Whitehead, 1998"
- Dawabah, A.A.M.** (Co-editor & co-author). 2006. *Dictionary of Scientific Terms in Plant Protection*. Arab Society for Plant Protection. Dar Annahda Al-Arabiya, Beirut, Lebanon. 391 pp. Arabic/English + 377 pp. English/Arabic.

### B- Chapters

- Dawabah, A.A.**, W.I. Abu-Gharbieh and M.I. Hussein. Nematicides. *in: M.E.S. El-Zemeity, I. Al-nazer and M.B. Ashour (Eds.). Safe Applications of Pesticides in The Arab Region*. Arab Society for Plant Protection. (In Arabic). In press.
- Dawabah, A.A.** and Z.A. Stephan. 2009. Nematode morphology and internal structures. Pp. 17-59 *in: W.I. Abu-Gharbieh, A.S. Al-Hazmi, Z.A. Stephan and A.A. Dawabah (Eds.). Plant Nematodes in The Arab Countries. Vol. I*. Arab Society for Plant Protection. Dar Wael for Publishing and Distribution. Amman, Jordan. (In Arabic).
- Dawabah, A.A.**, K.M.K. Al-Assas and E.A. El-Sayed. 2009. Cyst nematodes. Pp. 329-398 *in: W.I. Abu-Gharbieh, A.S. Al-Hazmi, Z.A. Stephan and A.A. Dawabah (Eds.). Plant Nematodes in The Arab Countries. Vol. I*. Arab Society for Plant Protection. Dar Wael for Publishing and Distribution. Amman, Jordan. (In Arabic).
- Dawabah, A.A.**, M.M.A. Youssef and A.W.A. Ali. 2009. Nematodes of cereal and forage crops. Pp. 773-831 *in: W.I. Abu-Gharbieh, A.S. Al-Hazmi, Z.A. Stephan and A.A. Dawabah (Eds.). Plant Nematodes in The Arab Countries. Vol. I*. Arab Society for Plant Protection. Dar Wael for Publishing and Distribution. Amman, Jordan. (In Arabic).
- Stephan, Z.A. and **A.A. Dawabah**. 2009. Nematodes of fruit trees. Pp. 833-877 *in: W.I. Abu-Gharbieh, A.S. Al-Hazmi, Z.A. Stephan and A.A. Dawabah (Eds.). Plant Nematodes in The Arab Countries. Vol. II*. Arab Society for Plant Protection. Dar Wael for Publishing and Distribution. Amman, Jordan. (In Arabic).
- Ismail, A.E. and **A.A. Dawabah**. 2009. Nematodes of turf grasses, ornamental plants and forest trees. Pp. 879-926 *in: W.I. Abu-Gharbieh, A.S. Al-Hazmi, Z.A. Stephan and A.A. Dawabah (Eds.). Plant Nematodes in The Arab Countries. Vol. II*. Arab Society for Plant Protection. Dar Wael for Publishing and Distribution. Amman, Jordan. (In Arabic).
- Daabaj, K.H., Z.A. Stephan and **A.A. Dawabah**. 2009. Nematode control with antagonistic plants, residues and natural extracts, legislation, organic culture, gene transfer, and integrated nematode management. Pp. 1183-1242 *in: W.I.*

Abu-Gharbieh, A.S. Al-Hazmi, Z.A. Stephan and A.A. Dawabah (Eds.). *Plant Nematodes in The Arab Countries. Vol. II.* Arab Society for Plant Protection. Dar Wael for Publishing and Distribution. Amman, Jordan. (In Arabic).

### **C-Extension Bulletins**

**Dawabah, A.A.**, A.S. Al-Hazmi, F.A. Al-Yahya and I.M. Aref. *Nematodes of Forest Trees in Saudi Arabia.* Saudi Society of Agricultural Sciences. (In Arabic). In press.

Al-Yahya, F.A. and **A.A. Dawabah.** *Nematodes of Floricultural Plants in Saudi Arabia.* Saudi Society of Agricultural Sciences. (In Arabic). In press.

Al-Hazmi, A.S., F.A. Al-Yahya, **A.A.M. Dawabah** and A. A. El-Sherbini. 2003. *Use of soil solarization for control of plant-parasitic nematodes and soil-borne diseases.* Bulletin No. 5. Saudi Society of Agricultural Sciences. 40 pp. (In Arabic).

**Ibrahim, A.A.M.** (Co-author). 2001. *A Guide to The Plant Protection Department Demonstration Unit.* King Saud University Press. Riyadh, Saudi Arabia. 116 pp. (In Arabic).

**Ibrahim, A.A.M.**, A.S. Al-Hazmi and F.A. Al-Yahya. 1999. *Practical Guide to diagnosing nematode plant diseases.* Extension Bulletin No. 82. Agricultural Extension Center, College of Agriculture, King Saud University. Kind Saud University Press. Riyadh, Saudi Arabia. 76 pp. (In Arabic).

Al-Yahya, F.A., **A.A.M. Ibrahim**, Y. K. Sultan and E. Abou-Taleb. 1999. *Diseases of Dump-cane Plant.* Extension Bulletin No. 71. Agricultural Extension Center, College of Agriculture, King Saud University. Kind Saud University Press. Riyadh, Saudi Arabia. 52 pp. (In Arabic).

Al-Hazmi, A.S. and **A.A.M. Ibrahim.** 1998. *Managing root-knot nematodes in greenhouses.* Extension Bulletin No. 54. Agricultural Extension Center, College of Agriculture, King Saud University. Kind Saud University Press. Riyadh, Saudi Arabia. 48 pp. (In Arabic).

Al-Yahya, F.A., A.S. Al-Hazmi and **A.A.M. Ibrahim.** 1997. *The cereal cyst nematodes in Saudi Arabia.* Extension Bulletin No. 48. Agricultural Extension Center, College of Agriculture, King Saud University. Kind Saud University Press. Riyadh, Saudi Arabia. 20 pp. (In Arabic).

### **D- Journal Articles**

Al-Hazmi, A.S. and **A.A.M. Dawabah.** 2009. Present status of the cereal cyst nematode (*Heterodera avenae*) in Saudi Arabia. Pp. 56-60 in: I.T. Riley, J.M. Nicol and A.A. Dababat (Eds.). *Cereal Cyst Nematodes: Status, research and outlook.* CIMMYT: Ankara, Turkey.

Al-Dos, A.A., A.S. Al-Hazmi, **A.A.M. Dawabah**, A.A. Abdel-Mawgood, K.A. Moustafa, S.M. Al-Rehiyani, S. Al-Otayk and M.I. Motawei. 2009. Use of Molecular Markers for screening wheat germplasm for cereal cyst nematode resistance genes (CRE) in Saudi Arabia. Pp. 177-182 in: I.T. Riley, J.M. Nicol and A.A. Dababat (Eds.). *Cereal Cyst Nematodes: Status, research and outlook.* CIMMYT: Ankara, Turkey.

- Dawabah, A.A.M.**, A.S. Al-Hazmi, A.A. Aldoss and K.A. Mostafa. 2009. Field performance of some Saudi spring wheat genotypes in *Heterodera avenae*-infested soil. The 10<sup>th</sup> Arab Congress of Plant Protection. 26-30 October, 2009. Beirut, Lebanon. (Abstr.).
- Al-Hazmi, A.S., **A.A.M. Dawabah**, A.A. Aldoss and K.A. Mostafa. 2009. Screening of spring wheat genotypes for resistance to the cereal cyst nematode, *Heterodera avenae* in Saudi Arabia. The 10<sup>th</sup> Arab Congress of Plant Protection. 26-30 October, 2009. Beirut, Lebanon. (Abstr.).
- Al-Nadary, S.N., A.S. Al-Hazmi, F.A. Al-Yahya and **A.A.M. Dawabah**. 2009. Host suitability of different green bean cultivars to *Meloidogyne incognita*. The 10<sup>th</sup> Arab Congress of Plant Protection. 26-30 October, 2009. Beirut, Lebanon. (Abstr.).
- Al-Yahya, F.A., **A.A.M. Dawabah** and A.S. Al-Hazmi. 2009. Stylet-bearing nematodes associated with forest trees and shrubs in Al-Baha region, south west Saudi Arabia. Journal of the Saudi Society of Agricultural Sciences 8: 14-26.
- Al-Hazmi, A.S. and **A.A.M. Dawabah**. 2009. Combined effects of urea and fenamiphos on cereal cyst nematode and wheat growth and productivity. The 24<sup>th</sup> Annual Meeting of The Saudi Biological Society. 7-9 April, 2009. Taibah University. Madinah Al-Munawwarah, Saudi Arabia. (Abstr.).
- Al-Hazmi, A.S., **A.A.M. Dawabah**, F. A. Al-Yahya and S. N. Nadary. 2009. Plant parasitic nematodes associated with coffee, a newly introduced crop to south west Saudi Arabia. Pakistan Journal of Nematology 27: 401-407.
- Dawabah, A.A.M.**, A.S. Al-Hazmi, S.N. Al-Nadary and F.A. Al-Yahya. 2008. Post-infection development of *Meloidogyne incognita* and related histopathological changes in the roots of green beans. The 4<sup>th</sup> International Conference for Development and The Environment. 18-20 March, 2008. College of Food and Agriculture Sciences, King Saud Univ., Riyadh, Saudi Arabia. (Abstr.).
- Al-Hazmi, A.S., S.N. Al-Nadary, **A.A.M. Dawabah**, and F.A. Al-Yahya. 2008. Comparative effects of some approaches to control *Meloidogyne incognita* on green beans. The 4<sup>th</sup> International Conference for Development and The Environment. 18-20 March, 2008. College of Food and Agriculture Sciences, Riyadh, Saudi Arabia. (Abstr.).
- Al-Nadary, S.N., A.S. Al-Hazmi, **A.A.M. Dawabah** and F.A. Al-Yahya. 2008. Interaction between *Meloidogyne incognita* and *Rhizoctonia solani* on green beans. The 4<sup>th</sup> International Conference for Development and The Environment. 18-20 March, 2008. College of Food and Agriculture Sciences, Riyadh, Saudi Arabia. (Abstr.).
- Dawabah, A.A.M.**, and A.S. Al-Hazmi. 2007. Spreading of cereal cyst nematode with potato seed tubers in Saudi Arabia. Pakistan Journal of Nematology 25: 339-340.
- Dawabah, A.A.M.**, A.S. Al-Hazmi and S. Al-Shawy. 2007. Two new host records of cereal cyst nematode in Saudi Arabia. Pakistan Journal of Nematology 25: 343.
- Dawabah, A.A.M.**, F.A. Al-Yahya and A.S. Al-Hazmi. 2007. Plant parasitic nematodes associated with certain forest trees and shrubs in Assir and north Jazan, south Saudi Arabia. The 23<sup>rd</sup> Annual Meeting of The Saudi Biological

- Society. 21-23 April, 2007. King Fahad Agricultural Center. Riyadh, Saudi Arabia. (Abstr.).
- Al-Hazmi, A.S. and **A.A.M. Dawabah**. 2006. Effect of urea and NPK fertilization on the infection of wheat with cereal cyst nematode. The 9<sup>th</sup> Arab Congress of Plant Protection. 19-23 November, 2006. Congress Palace, Damascus, Syria. (Abstr.).
- Al-Nadary, S.N., A.S. Al-Hazmi, **A.A.M. Dawabah** and F.A. Al-Yahya. 2006. Relationship between the initial inoculum density of *Meloidogyne incognita* and infection and reproduction on green beans. The 9<sup>th</sup> Arab Congress of Plant Protection. 19-23 November, 2006. Congress Palace, Damascus, Syria. (Abstr.).
- Al-Yahya, F.A., **A.A.M. Dawabah**, A.A. El-Sherbiny and A.S. Kamel. 2005. Effect of some plant extracts on root-knot nematode (*Meloidogyne javanica*). The 2<sup>nd</sup> Symposium of The Saudi Society of Agriculture Sciences. 22–24 February, 2005. College of Food and Agriculture Sciences, King Saud University. Riyadh, Saudi Arabia
- Al-Hazmi, A.S., F.A. Al-Yahya and **A.A.M. Dawabah**. 2003. Plant-parasitic nematodes associated with forest trees and shrubs in Taif governorate, western Saudi Arabia. The 22<sup>nd</sup> Annual Meeting of The Saudi Biological Society. 16-18 December, 2003. College of Science, King Saud University. Gassim, Saudi Arabia. (Abstr.).
- Ibrahim, A.A.M.** and F.A. Al-Yahya. 2002. Phytoparasitic nematodes associated with ornamental plants in Riyadh region, central Saudi Arabia. Alexandria Journal of Agricultural Research 47: 157-167.
- Ibrahim, A.A.M.** 2002. Effect of initial population densities of *Meloidogyne javanica* on tomato growth and nematode reproduction. Alexandria Journal of Agricultural Research 47: 181-189.
- Al-Hazmi, A.S., **A.A.M. Ibrahim** and S. El-Husseini. 2002. The role of *Meloidogyne javanica* in predisposing sugar beet to *Thielaviopsis*-black root rot. The 21<sup>st</sup> Annual Meeting of The Saudi Biological Society. 9-11 April, 2002. College of Science, King Khalid University. Abha, Saudi Arabia. (Abstr.).
- Al-Yahya, F.A., **A.A.M. Ibrahim** and A.A. El-Sherbiny. 2002. The role of soil solarization in the scope of integrated plant nematode management. The 21<sup>st</sup> Annual Meeting of The Saudi Biological Society. 9-11 April, 2002. College of Science, King Khalid University. Abha, Saudi Arabia. (Abstr.).
- Al-Yahya, F.A., **A.A.M. Ibrahim**, Y.Y. Mawlan and E.A. Abou-Taleb. 2002. Concomitant effects of fungi and plant-parasitic nematodes on turfgrass in Riyadh region, Saudi Arabia. The 21<sup>st</sup> Annual Meeting of The Saudi Biological Society. 9-11 April, 2002. College of Science, King Khalid University. Abha, Saudi Arabia. (Abstr.).
- Al-Hazmi, A.S., R. Cook and **A.A.M. Ibrahim**. 2001. Pathotype characterisation of the cereal cyst nematode, *Heterodera avenae*, in Saudi Arabia. Nematology 3: 379-382.
- Al-Yahya, F.A., **A.A.M. Ibrahim** and A.A. El-Sherbiny. 2001. Frequency and population density of plant parasitic nematodes associating date palm cultivars



- in Riyadh, Saudi Arabia. Alexandria Journal of Agricultural Research 46: 127-137.
- Al-Hazmi, A.S. and **A.A.M. Ibrahim**. 2000. Determination of the pathotype of the cereal cyst nematode, *Heterodera avenae* from two regions in Saudi Arabia. The 7<sup>th</sup> Arab Congress of Plant Protection. 22-26 October, 2000. Faculty of Agriculture, Jordan University. Amman, Jordan. (Abstr.).
- Al-Yahya, F.A. and **A.A.M. Ibrahim**. 2000. Susceptibility of selected soybean cultivars to *Meloidogyne javanica*. Alexandria Journal of Agricultural Research 45: 179-187.
- Ibrahim, A.A.M.** and I.K.A. Ibrahim. 2000. Evaluation of non-chemical treatments in the control of *Meloidogyne incognita* on common bean. Pakistan Journal of Nematology 18: 51-57.
- Ibrahim, A.A.M.** and I.M. Aref. 2000. Host status of thirteen *Acacia* species to *Meloidogyne javanica*. Journal of Nematology (4S): 609-613.
- Al-Hazmi, A.S., **A.A.M. Ibrahim** and F.A. Al-Yahya. 1999. Development of the cereal cyst nematode on wheat and barley under field conditions in central Saudi Arabia. Journal of King Saud University Vol. 11, Agricultural Sciences (1): 39-46.
- Ibrahim, A.A.M.**, A.S. Al-Hazmi, F.A. Al-Yahya and A.A. Alderfasi. 1999. Damage potential and reproduction of *Heterodera avenae* on wheat and barley under Saudi field conditions. Nematology 1: 625-630.
- Al-Yahya, F.A., A.A. Alderfasi, A.S. Al-Hazmi, **A.A.M. Ibrahim** and A. T. Abdul-Razig. 1998. Effect of cereal cyst nematode on growth and physiological aspects of wheat under field conditions. Pakistan Journal of Nematology 16: 55-62.
- Al-Rajhi, D.H., A.S. Al-Hazmi, H.I. Hussein, **A.A.M. Ibrahim**, F.A. Al-Yahya and S. Mostafa. 1997. Nematicidal properties of *Rhazya stricta* and *Juniperus polycarpos* on *Meloidogyne javanica* in Saudi Arabia. Alexandria Science Exchange 18: 135-142.
- Ibrahim, A.A.M.**, A.S. Al-Hazmi and S. El-Husseiny. 1997. Interacting effects of *Heterodera avenae*, *Helminthosporium sativum*, and *Trichoderma harzianum* on wheat. The 1<sup>st</sup> Saudi Symposium of Agricultural Sciences. 25-27 March, 1997. College of Agriculture, King Saud University. Riyadh, Saudi Arabia
- Al-Hazmi, A. S., **A.A.M. Ibrahim** and A.T. Abdul-Razig. 1995. Host suitability of some potato cultivars to *Meloidogyne javanica*. Journal of King Saud University Vol. 7, Agricultural Sciences: 103-107.
- Al-Hazmi, A.S., **A.A.M. Ibrahim** and A.T. Abdul-Razig. 1995. Interacting effects of soil texture and inoculum levels on reproduction and pathogenicity of *Meloidogyne javanica* on potato. Alexandria Journal of Agricultural Research 40: 359-369.
- El-Saedy, M.A.M., I.K.A. Ibrahim, **A.A.M. Ibrahim** and A.I. Nawar. 1995. The effect of gamma irradiation of sunflower seeds on the growth and susceptibility of sunflower to *Meloidogyne incognita*. Communications in Science & Development Research 49 : 183-194.

- Al-Hazmi, A.S., **A.A.M. Ibrahim** and A.T. Abdul-Razig. 1994. Occurrence, morphology and reproduction of *Heterodera avenae* on wheat and barley in Saudi Arabia. *Pakistan Journal of Nematology* 12: 117-129.
- Ibrahim, A.A.M.** 1994. Effect of cadusafos, *Paecilomyces lilacinus* and Nemout on reproduction and damage potential of *Meloidogyne javanica*. *Pakistan Journal of Nematology* 12: 141-147.
- Ibrahim, I.K.A., **A.A.M. Ibrahim** and M.A. Rezk. 1994. Biological and chemical control of root-knot nematodes on clover, corn and wheat. *Alexandria Journal of Agricultural Research* 39: 453-462.
- Al-Hazmi, A.S., **A.A.M. Ibrahim** and A.T. Abdul-Razig. 1993. Distribution, frequency and population density of nematodes associated with potato in Saudi Arabia. *Afro-Asian Journal of Nematology* 3: 107-111.
- Al-Hazmi, A.S., **A.A.M. Ibrahim** and A.T. Abdul-Razig. 1993. Evaluation of a nematode encapsulating fungi complex for control of *Meloidogyne javanica* on potato. *Pakistan Journal of Nematology* 11: 139-149.
- Ibrahim, I.K.A., M.A. Rezk and **A.A.M. Ibrahim**. 1991. Reactions of some gramineous and legumeneous plant cultivars to *Meloidogyne incognita* and *M. javanica*. *Nematologia Mediterranea* 19: 331-333.
- Ibrahim, A.A.M.** 1989. Interaction of plant parasitic nematodes on certain host plants. Ph. D. Thesis. College of Agriculture, Alexandria University. Alexandria, Egypt.
- Ibrahim, I.K.A., M.A. Rezk and **A.A.M. Ibrahim**. 1988. Plant parasitic nematodes associated with gramineous plants in northern Egypt. *Pakistan Journal of Nematology* 6: 31-37.
- Ibrahim, I.K.A., M.A. Rezk and **A.A.M. Ibrahim**. 1988. Resistance of barley and wheat cultivars to root-knot nematodes, *Meloidogyne* spp. *Pakistan Journal of Nematology* 6: 39-43.
- Ibrahim, I.K.A., M.A. Rezk, M.A.M. El-Saedy and **A.A.M. Ibrahim**. 1987. Control of *Meloidogyne incognita* on corn, tomato and okra with *Paecilomyces lilacinus* and the nematicide aldicarb. *Nematologia Mediterranea* 15: 265-268.
- Rezk, M.A., I.K.A. Ibrahim and **A.A.M. Ibrahim**. 1987. Effect of root-knot nematodes on the phenolic contents of barley and wheat. *Nematologia Mediterranea* 15: 259-263.
- Ibrahim, I.K.A., M.A. Rezk and **A.A.M. Ibrahim**. 1986. Occurrence of the cyst nematodes *Heterodera avenae*, *H. daverti* and *H. rosii* in northern Egypt. *Journal of Nematology* 18: 614 (Abstr.).
- Ibrahim, A.A.M.** 1983. Biological studies on root-knot nematodes. M. Sc. Thesis. College of Agriculture, Alexandria University. Alexandria, Egypt.

## **Appendix**

### **(Symposia and Conferences)**

- The 28<sup>th</sup> Scientific Meeting of The Saudi Society of Agricultural Sciences, titled "Reality of The Animal Health and The Importance of The Bio-Security in The Animal Production Projects". Saudi Society of Agricultural Sciences. January 26, 2010. College of Food and Agriculture Sciences, King Saud University. Riyadh, Saudi Arabia.
- The 1<sup>st</sup> International Symposium on "International Cereal Cyst Nematode Initiative (ICCN)". Kukurova University and The International Maize and Wheat Improvement Center (CIMMYT). 21-23 October, 2009. Antalia, Turkey. (Two papers were presented).
- The 10<sup>th</sup> Arab Congress of Plant Protection. Arab Society for Plant Protection and The National Council for Scientific Research, Lebanon. 26-30 October, 2009. Beirut, Lebanon. (Three papers were presented).
- The 24<sup>th</sup> Annual Meeting of The Saudi Biological Society, titled "Biotechnology: Reality and Applications". Saudi Biological Society in cooperation with Taibah University and The Saudi Society of Biotechnology. 7-9 April, 2009. Taibah University, Madinah Al-Munawwarah, Saudi Arabia. (Two papers were presented).
- The 4<sup>th</sup> International Conference for Development and The Environment, titled "The Balance Between Development and Environmental Conservation". Saudi Society of Agricultural Sciences in cooperation with Assuit University. 18-20 March, 2008. King Saud University, Riyadh, Saudi Arabia. (Three papers were presented).
- The symposium of "Improvement of The Wheat Seed Production Sector in The Kingdom of Saudi Arabia". Seed Producers Committee, Saudi Agricultural Group (SAG). December 11, 2007. Tabuk Agricultural Development Company (TADCO). Tabuk, Saudi Arabia. (Invited Speaker).
- The symposium of "Improvement of The Wheat Seed Production Sector in The Kingdom of Saudi Arabia". Seed Producers Committee, Saudi Agricultural Group (SAG). December 4, 2007. Al-Jouf Agricultural Development Company (JADCO). Al-Jouf, Saudi Arabia. (Invited Speaker).
- The symposium of "Improvement of The Wheat Seed Production Sector in The Kingdom of Saudi Arabia". Seed Producers Committee, Saudi Agricultural Group (SAG). November 27, 2007. National Agricultural Development Company (NADEC). Hail, Saudi Arabia. (Invited Speaker).
- The 1<sup>st</sup> International Conference of Date Palm, titled "Integrated Crop Management of Date Palm and Its Impact for Producing Clean and Safety Dates". Plant Protection research Institute and, Central Laboratory for Date Palm Research and Development. Agricultural Research Center. 2-4 September, 2007. Convention Center, International Agricultural Center, Dokki, Giza, Egypt.
- The 23<sup>rd</sup> Annual Meeting of The Saudi Biological Society, titled "The International Conference on The Arabian Oryx in The Arabian Peninsula". Saudi Biological Society and The National Commission for Wild Life Conservation and

- Development. 21-23 April, 2007. King Fahad Agricultural Center. Riyadh. Saudi Arabia. (A paper was presented).
- The 2<sup>nd</sup> International Conference on Water Resources and Arid Environment. Prince Sultan Research Center for Environment, Water, and Desert. 26-29 November, 2006. King Saud University. Riyadh, Saudi Arabia.
  - The 9<sup>th</sup> Arab Congress of Plant Protection. Arab Society for Plant Protection and The General Commission for Scientific Agricultural Research, Syria. 19-23 November, 2006. Congress Palace, Damascus. Syria. (Two papers were presented).
  - The 14<sup>th</sup> Scientific Meeting of The Saudi Society of Agricultural Sciences, titled "Pesticides and Their Effects on The Environment and Human". Saudi Society of Agricultural Sciences. April 26, 2006. College of Food and Agriculture Sciences, King Saud University. Riyadh, Saudi Arabia.
  - The 12<sup>th</sup> Scientific Meeting of The Saudi Society of Agricultural Sciences, titled "Irrigation Efficiency and Methods of Water Rationalization in Agriculture". Saudi Society of Agricultural Sciences. September 28, 2005. College of Food and agriculture Sciences, King Saud University. Riyadh, Saudi Arabia.
  - The Conference of University-Private Sector Partnership in Research and Development. King Saud University. 10-12 April, 2005. King Saud University. Riyadh, Saudi Arabia. (A paper was presented).
  - The 2<sup>nd</sup> Symposium of The Saudi Society of Agricultural Sciences, titled "Saudi Agriculture: Opportunities and Challenges". Saudi Society of Agricultural Sciences. 22–24 February, 2005. College of Food and Agriculture Sciences, King Saud University. Riyadh, Saudi Arabia. Two papers were presented, one of them (*Plant Parasitic Nematode Associated with Forest Trees and Shrubs in Baha Region, South West Saudi Arabia*) awarded the first rank award for the distinguished research papers presented in the symposium.
  - The second International Conference on Sunn Pest . International Center for Agricultural Research in The Dry Areas (ICARDA). 19-22 July, 2004. Aleppo, Syria.
  - The 10<sup>th</sup> Scientific Meeting of The Saudi Society of Agricultural Sciences, titled "Modern Techniques in Agriculture". Saudi Society of Agricultural Sciences. March 17, 2004. College of Food and Agriculture Sciences, King Saud University. Riyadh, Saudi Arabia.
  - The 22<sup>nd</sup> Annual Meeting of The Saudi Biological Society, titled "Water Resources in The Kingdom of Saudi Arabia: Future Approaches". Saudi Biological Society. 16–18 December, 2003. College of Science, King Saud University Qassim, Saudi Arabia. (A paper was presented).
  - The Annual Circular Table Discussion titled "Green Turfs and Their Uses in The Gardens, Playgrounds and Cities Horticulture". Plant Production Department, College of Agriculture, King Saud University in cooperation with Arabic Institute for Cities Development. October 21, 2003. Arabic Institute for Cities Development. Riyadh, Saudi Arabia.

- The Symposium of WTO Agreements on Sanitary and Phytosanitary Measures (SPS) and Agriculture. 12-14 October, 2002. Saudi Arabian Standards Organization. Riyadh, Saudi Arabia.
- The 21<sup>st</sup> Annual Meeting of The Saudi Biological Society, titled "Biological Natural Resources of Saudi Arabia: A View for Future". Saudi Biological Society. 9–11 April, 2002. College of Science, King Khalid University. Abha, Saudi Arabia. (Three papers were presented).
- The 6<sup>th</sup> Scientific Meeting of The Saudi Society of Agricultural Sciences, titled "Handling of Agricultural Products in The Markets". Saudi Society of Agricultural Sciences. April 2, 2002. College of Agriculture, King Saud University. Riyadh, Saudi Arabia.
- The 1<sup>st</sup> Symposium of The Saudi Society of Agricultural Sciences, titled "Toward Continuous Agricultural Development". 5-7 February, 2002. College of Agriculture, King Saud University. Riyadh, Saudi Arabia. (A paper was presented).
- The 7<sup>th</sup> Arab Congress of Plant Protection. Arab Society for Plant Protection. 22-26 October, 2000. Faculty of Agriculture, University of Jordan. Amman, Jordan. (A paper was presented).
- The 1<sup>st</sup> Scientific Meeting of The Saudi Society of Agricultural Sciences, titled "Production of Date Palm Seedlings by Tissue Culture Techniques in The Kingdom of Saudi Arabia: Positive and Negative Attitudes". Saudi Society of Agricultural Sciences. February 8, 2000. College of Agriculture, King Saud University. Riyadh, Saudi Arabia.
- The 20<sup>th</sup> Annual Meeting of The Saudi Biological Society. Saudi Biological Society. 1–3 February, 2000. College of Veterinary Medicine and Animal Resources, King Faisal University. Al-Hassa, Saudi Arabia. (Two papers were presented).
- The 3<sup>rd</sup> Conference on Desertification and Environmental Studies beyond The Year 2000. Center of Desert Studies. November 30 - December 4, 1999. King Saud University. Riyadh, Saudi Arabia.
- Grand University Symposium (Agricultural Branch: Agricultural Development). King Saud University. 16-27 October, 1999. King Saud University. Riyadh, Saudi Arabia.
- The 19<sup>th</sup> Annual Meeting of The Saudi Biological Society. Saudi Biological Society, titled "On The Biological Sciences Through Course of Foundation and Development of The Kingdom of Saudi Arabia". 16–18 February, 1999. College of Science, King Abdul-Aziz University. Jeddah, Saudi Arabia. (Two papers were presented).
- The 3<sup>rd</sup> Saudi Symposium on Food and Nutrition. College of Agriculture, King Saud University. 26-29 October, 1998. College of Agriculture, King Saud University. Riyadh, Saudi Arabia.
- The 18<sup>th</sup> Annual Meeting of The Saudi Biological Society, titled "On Ecological Pollution and Biological Aspects of Saudi Arabia". Saudi Biological Society. 24–26 February, 1998. The Royal Commission for Jubail & Yanbu, Yanbu Al-Sinaiyah, Saudi Arabia.

- The Symposium of Renewal Natural Resources in The Kingdom of Saudi Arabia and The Importance of Its Conservation and Development. Ministry of Agriculture and Water, Saudi Arabia. November, 30 – December 1, 1997. King Fahad Agricultural Center. Riyadh, Saudi Arabia.
- The 1<sup>st</sup> Saudi Symposium on Agricultural Sciences, titled: "Saudi Agriculture between Enlargement and Rationalization". 25-27 March, 1997. College of Agriculture, King Saud University. Riyadh, Saudi Arabia. (Four papers were presented).
- The 17<sup>th</sup> Annual Meeting of The Saudi Biological Society, titled "Biological Natural Resources in Kingdom of Saudi Arabia". Saudi Biological Society. 28–30 May, 1996. College of Agriculture and Veterinary Medicine, King Saud University. Buraidah, Saudi Arabia. (A papers was presented).
- The 16<sup>th</sup> Annual Meeting of The Saudi Biological Society, titled "Biological Natural Resources in Kingdom of Saudi Arabia". Saudi Biological Society. 21–23 March, 1995. College of Science, King Saud University. Riyadh, Saudi Arabia. (A papers was presented).
- The symposium of "Desert Studies in The Kingdom of Saudi Arabia: Extant and Implementation". Center of Desert Studies, King Saud University. 2-4 October, 1994. King Saud University. Riyadh, Saudi Arabia.
- The First Scientific Saudi Symposium on "Controlled-Environment Agriculture". 25-27 February, 1992. College of Agriculture, King Saud University. Riyadh, Saudi Arabia.
- The 13<sup>th</sup> Annual Meeting of The Saudi Biological Society, titled, "Environment Protection and Components (Animals, Plants, Water and Soils)". Saudi Biological Society. 11–13 February, 1992. College of Agriculture and Veterinary Medicine, King Saud University. Buraidah, Saudi Arabia. (A paper was presented).
- The 25<sup>th</sup> Annual Conference of The Society of Nematologists. 1986. California, USA. (A paper was presented).