

CURRICULUM VITAE



PERSONAL PARTICULAR:

NAME : Muhammad Dildar Gogi
FATHER'S NAME : Abdul Hamid
DATE OF BIRTH : 17/01/1974
NATIONALITY : Pakistani
CNIC# : 36502-1260930-7
MARTIAL STATUS: Married

PERSENT POSITION HELD : Professor in Entomology
PERMANENT ADDRESS : Mohallah Chan Peer Wala,
 Harappa City, Teh. & distt. Sahiwal.

POSTAL ADDRESS Professor, Department of Entomology University
 of Agriculture Faisalabad.

2. ACADEMIC QUALIFICATIONS:

| Exam Passed | Board/University | Year | Division | Marks obtained/ CGPA | Major Subjects |
|----------------------|--------------------|------|----------|-------------------------|---------------------------|
| Matric | B.I.S.E Multan | 1989 | 1st | 676/800 | Science |
| Intermediate | B.I.S.E Faisalabad | 1992 | 1st | 748/1100 | Pre-Medical |
| B.Sc. (Hons.) Agri. | U.A.F | 1998 | 1st | 3.89/4.00 | Agri. Entomology |
| M. Sc. (Hons.) Agri. | U.A.F | 2000 | 1st | 3.83/4.00 | Agri. Entomology |
| Ph. D. | U.A.F | 2009 | 1st | 3.80/4.00 | Agri. Entomology (IPM) |

3. SERVICES RECORD

| <i>Post Held</i> | <i>Where Employed</i> | <i>Duration</i> | <i>Cause of Leaving</i> | <i>Brief Description</i> |
|---------------------------------------|---|-----------------------------|-------------------------|---|
| Lecturer on per lecture basis | Department of Agri. Entomology, Univ. Agriculture, Faisalabad. | 26-04-2003 to 28-03-2007 | For better position | Teaching and Research (IPM Research Group) |
| Lecturer on contract basis | Department of Agri. Entomology, Univ. Agriculture, Faisalabad. | 29-03-2007 to 04-03-2008 | For better position | Teaching and Research (IPM Research Group) |
| Lecturer on regular basis | Department of Agri. Entomology, Univ. Agriculture, Faisalabad. | 05-03-2008 to 17-12-2009 | For better position | Teaching and Research (IPM Research Group) |
| Assistant Professor on Adhoc basis | Department of Agri. Entomology, Univ. Agriculture, Faisalabad | 18-12-2009 to 27-02-2011 | For better position | Teaching and Research (IPM Research Group) |
| Assistant Professor (TTS) | Department of Agri. Entomology, Univ. Agriculture, Faisalabad | 28-02-2011 to 29-08-2019 | For better position | Teaching and Research (IPM Research Group) |
| Associate Professor Tenured (TTS) | Department of Agri. Entomology, Univ. Agriculture, Faisalabad | 30-08-2019 to 09-10-2024 | For better position | Teaching and Research (IPM Research Group) |
| Professor (TTS) | Department of Agri. Entomology, Univ. Agriculture, Faisalabad | 11-10-2024 | For better position | Teaching and Research (IPM Research Group) |

4. DISSERTATIONS:

- A thesis entitled “Relative Efficacy of Different Grain Protectants against different strains of *Trogoderma granarium* (everts)” submitted to University of Agriculture, Faisalabad in partial fulfillment of the requirement for the Degree of Master of Science (Hons.), in Agri. Entomology (2000).
- A thesis entitled “Mechanisms of resistance and management for melon fruit fly, *Bactrocera cucurbitae* (Coquillett) (Diptera: Tephritidae) in bitter gourd, *Momordica charantia*” submitted to University of Agriculture, Faisalabad for the Degree of Doctor of Philosophy in Agri. Entomology (2009).

5. RESEARCH/SCHOLARY TRAININGS:

1. Training workshop on “Integrated Pest Management with Special Reference to Biological Control” Arranged by Entomology Department from 07-08-2003 to 20-08-2003 at University of Agriculture, Faisalabad.
2. Training Course on “Statistica For Biological Sciences” Arranged by State Department from 08-08-2005 to 13-08-2005 at University of Agriculture, Faisalabad.
3. Annual Training Course on” The Safety Measures In The use of Radiation In Agriculture And Biology” Arranged by Pakistan Atomic Energy Commission, held from 27-02-2006 to 03-03-2006 at NIAB, Faisalabad.
4. National Training Course on “Integrated Pest Management on Cotton” Arranged by HEC from 22-5-2006 to 27-5-2006 at University of Agriculture, Faisalabad.
5. National Training workshop on “Integrated Management of wheat with special reference to post harvest losses” Arranged by HEC from 26-03-2007 to 07-04-2007 at University of Agriculture, Faisalabad.
6. Participated in a national seminar on “GM-Crops: A Gateway to Successful Agriculture”, held on October-15, 2011, organized by Centre of Agricultural Biochemistry and Biotechnology (CABB) at University of Agriculture, Faisalabad.
7. Participated in the symposium on “Building Effective Coordination between R&D and Industry for Enhancing Innovations, Competitiveness and Productivity of Indigenous Technologies” held on 12th February, 2011 by Pakistan Scientific and Technological Informations Centre (PASTIC), Islamabad and Institute of Research Promotion (IRP), Lahore at Faisalabad Chamber of Commerce and Industry.
8. Participated in a one day seminar on “How to write a winning research proposal” held on May-07, 2011 in the new senate Hall, University of Agriculture, Faisalabad.
9. Participated in one day workshop on “Counseling and Communication Skills”, held on March, 2011, organized by the Department of Social Sciences and Humanities, University of Agriculture, Faisalabad.
10. Participated in a training workshop on “Statistical Analysis using SPSS and MINITAB” held on 05-07 October, 2011 by the Department of Mathematics and Statistics, UAF at the eve of Golden Jubilee Celebrations.
11. Participated in a training workshop on “Identification of Plant Pathogenic Fungi and Identification and Demonstration of Plant Parasitic and Beneficial Nematodes” held on 08-11 February, 2011 by the Department of Plant Pathology, UAF.
12. Nominated for the participation in “Short Term Training Program on An Introduction to R-Programming Language for Statistical Computing” organized by the Department of Mathematics and Statistics, UAF from May 24 to June 14, 2013.
13. Nominated for participation in “3-DAT AIT CASCADING WORKSHOP” on August 20-22, 2013 at STC Hall, UAF.
14. Nominated for “PROJECT FORMULATION WORKSHOP” on December 3-4, 2013 at UAF.
15. Nominated for participation in a “WORKSHOP/ TRAINING ON SELF-ASSESSMENT AND QUALITY IMPROVEMENT IN RESEARCH REPORTS” organized by QEC on 21-01-2014 in the video conference room, Faculty of Agriculture, UAF.
16. Nominated for participation in “ONE DAY WORKSHOP ON DEVELOPING INDUSTRY DRIVEN TECHNOLOGIES” on September 27, 2014 at UAF.
17. Nominated for participation in the “WORKSHOP ON GRANT WRITING” held on September 12, 2014 at UAF.
18. Participated in DICE/2015: Mega Innovation and Entrepreneurship Event held from November 24-25, 2015 and organized by University of Agriculture, Faisalabad-Pakistan.
19. Participated in the 8th IOT training held on May 7-12, 2015 at UAF.

20. Participated in the **Training course on “Identification and Management of Biotic Stresses in Maize”** organized by International Maize and Wheat Improvement Center (CIMMYT) in partnership with Pakistan Agricultural Research Council (PARC) from December 8-10, 2015 in Islamabad, Pakistan.
21. Participated in **Four-day Workshop on Hybrid Course Design & Development** organized from October 18-21, 2016 by U.S. – Pakistan Center for Advances Studies in Agriculture & Food Security (USPCAS-AFS) at University of Agriculture, Faisalabad-Pakistan.
22. Participated in **Hands on Training on Basic Principles of Pesticides Risk Assessment for Pollinators** organized on December 9, 2016 by Department of Entomology, UAF.
23. Participated in **DICE/2016: Innovation Event-Agriculture and Food Sciences** held from November 02-03, 2016 and organized by ORIC, University of Agriculture, Faisalabad-Pakistan.
24. Participated in **“World Space Week-2016”** organized by Pakistan Space and Upper Atmosphere Research Commission (SUPARCO).
25. Participated in **“National Grant Writing workshop”** organized by US-Pakistan Center for Advanced Studies in Agriculture and Food Security (USP-CAS-AFS) on April 6-7, 2016.
26. Participated in **“Nutrition Entrepreneurship Talk”** organized by National Institute of Food Science & Technology (NIFSAT), Faculty of Food, Nutrition and Home Sciences, UAF in collaboration with School of Nutrition on January 02, 2017.
27. Nominated and participated in the International workshop entitled **“Beans with benefits potential & limitations for mungbean production”** under ORIC at university of agriculture Faisalabad (UAF) from August 08-10, 2017.
28. Nominated and participated in the three days Training program entitled **“An Introduction to LATEX UAF Synopsis & Thesis”** under U.S.-Pakistan Center for advanced Studies in Agriculture and Food Security at university of agriculture Faisalabad (UAF) from July 26-28, 2017.
29. Participated in the Training entitled **“Role of IPM & ICM in Crop Protection”** under the project ‘Capacity Building of Agriculture Scientists’ in collaboration with Govt. of Baluchistan from May 08-17, 2017 in the University of Agriculture Faisalabad (UAF).

6. **MEMBERSHIPS:**

- Members of Pakistan Entomological Society, Faisalabad.
- Guest Editor for American Journal of Entomology (AJE)
- Member of the editorial board of “The Mindanao Journal of Science and Technology (MJST), a peer-reviewed journal of University of Science and Technology of Southern Philippines (USTP).
- Member of the editorial board of “SCIENTIFIC REPORT).

7. **EXPERIENCE:**

- More than 20 years’ experience of teaching and research in the field of Agricultural Entomology.

8. **RESEARCH PAPERS PUBLISHED:**

55 Research Papers Published in HEC Recognized Journals (National and international without impact factor)

48 National and International Research Papers Published in Journals having impact factor

10 Book Chapters

02 Proceeding/Abstract Book

01 Laboratory Manual

05 Research Books

173 Research abstracts in national and international conferences/congresses etc.

35 Urdu and English articles

13 Urdu and English Brochures

(Total Impact Factor = 61.61)

9. THESIS RESEARCH SUPERVISED AS SUPERVISOR:

- One hundred and fifteen (115) students who has completed M.Sc. research and six (06) are in hand who has are conducting their research on various aspects of Entomology

10: THESIS RESEARCH SUPERVISED AS CO-SUPERVISOR:

- One hundred & seventy eighth (178) students completed M.Sc. and eleven (11) are in hand who has done or are conducting their research on various aspects of Entomology, pathology and Zoology

11. MEMBER OF PROFESSIONAL SOCIETIES:

- Muhammad Hussain Shaheed-1 (A)
- Associate Senior Tutorial of Mega Group “Allama Muhammad Iqbal”.
- Member, Pakistan Entomological Society.
- Associate Editor of Pakistan Entomologist, Entomological Society of Pakistan
- Executive member of Agrarian Society
- Guest Editor for American Journal of Entomology (AJE)
- Member of the editorial board of “The Mindanao Journal of Science and Technology (MJST), a peer-reviewed journal of University of Science and Technology of Southern Philippines (USTP).
- Editorial Board Members of Scientific Reports.
- Member of Faculty Board

12. PROJECTS AS PI OR CO-P.I.:

1. Promotion of Research Project Entitled “Survey of Entomophagous Insects in different cropping belts of Punjab” donated by UAF under the funding of HEC (Completed). (As Co. PI)
2. A research project on “Systematic, biological, ecological studies and management of cotton mealy bug” funded by HEC in 2006. (Completed). (As Co. PI)
3. A research project on “Biosystematic, Eco-biology and Management of dusky cotton bug as a growing threat for cotton crop in Punjab, Pakistan” funded by Pakistan Academy of Sciences in 2011. (In Progress). (As Co. PI)
4. A research project on “Refinement of sericulture technology and its dissemination for the alleviation of rural poverty” (in progress) (As PI).
5. A research project on “Development of biopesticide/chemosterilant based food-bait station (s) for the suppression of fruit flies in fruit orchards” (in progress) (As PI).
6. A research project on “Lossess assessment and management of fruit flies in citrus” (in progress) (As Co. PI).
7. A comprehensive integrated scientific approach for the development of sustainable management strategies of Pink Bollworm (*Pectinophora gossypiella*) (As Co. PI).
8. Management of whitefly by integrated strategies and development of resistant cotton germplasm through genetic engineering. (As Co. PI).
9. Lossess assessment and management of fruit flies in citrus (As Co. PI)
10. Olfactory response and host plant feeding preferences of desert locust to common plants in Punjab Province of Pakistan. (in progress) (As Co. PI).
11. Popularization of home gardening in urban and peri urban areas of Punjab (in progress) (As PI).
12. Establishment of Low Fruit Fly Prevalence Zone (LFFPZ) at UAF-Main campus (In progress) (As PI)

13. PRESENT EMPLOYER:

- Vice Chancellor, University of Agriculture, Faisalabad.

14. CERTIFICATES OF HONOUR/LETTERS OF APPRECIATION

1. Merit Certificate awarded in 1988 by District High School Government, Harappa Zoon, Sahiwal on getting First Position in hockey.

2. **Certificate of Honour** awarded in 2004 for Rendering Excellent Services on the Eve of 4th International Congress of Entomological Sciences, organized by Department of Agri. Entomology, UAF on 22-23 September, 2004.
3. **Certificate of Appreciation** awarded in 2005 for Rendering Excellent Services in the Establishment of Sub-Campus/Technology Transfer/On Farm Research on the Eve of Opening Ceremony of UAF Sub-Campus, Toba Take Singh by Honorable Governor Punjab/Chancellor, UAF.
4. **Certificate of Honour** awarded in 2010 for organizing three days training workshop on “ Integrated management of armyworm with special reference to its biological control with *Bracon hebetor* and *Chrysoperla carnea*” in the Department of Agri. Entomology, UAF on 27-29 April, 2010.
5. **Certificate of Appreciation** by the **Vice Chancellor** of UAF and **Dean** Faculty of Agriculture for offering outstanding contribution for **Golden Jubilee Celebration** held on March 13-20, 2011.
6. **Certificate of Appreciation** by the Dean Faculty of Agriculture and Chairman of the Department of Entomology in recognition of services during **Golden Jubilee Celebrations Year 2011** held on April 3-8, 2011.
7. Letter of Appreciation by the Chairman of the Department of Entomology for offering extraordinary efforts, assistance and ongoing support during the Kisan Mela-2013.
8. **Certificate of Appreciation** by the **Vice Chancellor** of UAF and **Dean** Faculty of Agriculture for significant contribution in **Spring Festival** held on March 26-31, 2013 at UAF.
9. Letter of Appreciation by the Chairman of the Department of Entomology for offering extraordinary efforts, assistance and ongoing support during the Kisan Mela-2014.
10. Letter of Appreciation by the Editor-in-Chief of Pakistan Entomologist for rendering untiring efforts and enthusiastic level of commitment as Senior Editor of this journal.
11. Letter of Appreciation by the Editor-in-Chief of Pakistan Entomologist for rendering untiring efforts and enthusiastic level of commitment as Senior Editor of this journal.
12. Letter of Appreciation by the Chairman of the Department of Entomology for offering extraordinary efforts, assistance and ongoing support during the Kisan Mela 2015-16, 2016-17.
13. Letter of Appreciation by the Chairman of the Department of Entomology for assistance and support extended for the installation of the departmental stalls at the Expo Center during “ANNUAL RABI FESTIVAL/KISSAN MELA” held from November 22-28, 2015 and “SPRING FESTIVAL/KISSAN MELA/“JESHN-E-BAHARAN” held from February 28 to March 10, 2016.
14. Letter of Appreciation by the Chairman of the Department of Entomology for enthusiastic and passionate cooperation for the conduct of survey from October 30 to November 2, 2015 on the prospects of cotton decline in leading cotton producing districts of the Southern Punjab.
15. Certificate of Appreciation for organizing a stakeholder’s meeting on “Development of National Action Plan for Fruit Fly Management” on January, 21, 2015.
16. Letter of Appreciation by the Chairman of the Department of Entomology for assistance and support extended for the installation of the departmental stalls at the Expo Center during “ANNUAL RABI FESTIVAL/KISSAN MELA” held from November 22-28, 2016 and “SPRING FESTIVAL/KISSAN MELA/“JESHN-E-BAHARAN” held from 2-10 March, 2016.
17. Letter of Appreciation by the Chairman of the Department of Entomology for enthusiastic and passionate cooperation conducting of survey from September 1-5, 2016 on the prospects of cotton situation in comparison to cotton decline during 2016 in leading cotton producing districts of the Southern Punjab.
18. Letter of Appreciation by the Chairman of the Department of Entomology for enthusiastic and passionate cooperation for organizing International Entomological Congress and on exclusive day on current scenario and management of pink bollworm” from December 16-18, 2016.
19. Certificate of Honour for outstanding contribution in ANNUAL SPORTS GALA-2017 organized by Department of Entomology at University of Agriculture Faisalabad (UAF) at the eve of celebration of HEC 15 Years of Excellence.
20. Certificate of honour for participation as resource person in Two Weeks Training of Instructors of In-Services Agricultural Training Institutes from 10th July to 5th August, 2017.
21. Certificate of Excellence for outstanding contribution in 16th ANNUAL SPORTS GALA-2017-18 organized by THE AGRARIAN SOCIETY, at University of Agriculture Faisalabad (UAF)
22. Certificate of Excellence for outstanding contribution in 17th ANNUAL SPORTS GALA-2019 organized by THE AGRARIAN SOCIETY, at University of Agriculture Faisalabad (UAF).

23. Certificate of appreciation for contribution in PASTIC-UAF ONE-DAY STEM & IT INNOVATION EXPO on “Innovative Trends in Science and Technology, Engineering, Mathematics (STEM) and IT” jointly organized by Pakistan Scientific & Technological Information Centre (PASTIC) & University of Agriculture Faisalabad (UAF) on January 29, 2020.

15. RESEARCH BOOKS PUBLISHED

1. Muhammad Dildar Gogi, Muhammad Ashfaq and Muhammad Jalal Arif, 2010. Mechanisms of resistance in bitter melon against melon fruit fly: Antisensitization, Antibiosis and Tolerance. VDM Verlag Dr. Muller GmbH & Co. KG, Germany. 1-175 pp.
2. Muhammad Dildar Gogi, Muhammad Ashfaq and Muhammad Jalal Arif, 2011. Integrated Management of Melon Fruit Fly: Botanical, Mechanical, Cultural and Chemical Control. VDM Verlag Dr. Muller GmbH & Co. KG, Germany. 1-220 pp.
3. Muhammad Faheem Akhtar, Muhammad Dildar Gogi, Muhammad Jalal Arif. 2012. Nutrient Management; Production and Protection of Sorghum. LAP Lambert Academic Publishing, GmbH & Co. KG, Germany. 1-175 pp.
4. Mukhtar, Adeel; Gogi, M. Dildar and Iqbal, Mubashar, 2012. Toxicity of Silicon Dioxide and Insecticides against Cotton Mealybug. LAP Lambert Academic Publishing, GmbH & Co. KG, Germany. 1-100 pp.
5. Siraj Ahmed, Muhammad Dildar Gogi, Ali Anwar, 2012. Silicon and Host Plant Resistance. LAP Lambert Academic Publishing, GmbH & Co. KG, Germany. 1-180 pp.

16. CONFERENCES/CONGRESSES/WORKSHOPS/EVENTS ORGANIZED AS ORGANIZERS

1. Training workshop on “**SERICULTURE IN PAKISTAN: SOURCE OF INCOME FOR THE VILLAGERS**”. **October 21, 2011, University of Agriculture, Faisalabad.**
2. One day training workshop on “**Sericulture industry in Pakistan**” in the Department of Agri. Entomology, UAF, on 21-10-2011.
3. Training workshop on “**SERICULTURE IN PAKISTAN: SOURCE OF INCOME FOR THE VILLAGERS**”. **October 26, 2012, University of Agriculture, Faisalabad.**
4. One day training workshop on “**Rearing and Bioassay Techniques for Armyworm**” in the Department of Agri. Entomology, UAF, on 24-02-2012.
5. Organized a training workshop on “**TERMITE MANAGEMENT**” from April 25-27, May 28-30, 2012 and June 21-23, 2012 in the Department of Agri. Entomology, UAF.
6. Organized Training Workshop entitled “**Sericulture industry in Pakistan**” in the Department of Entomology, UAF on October 06, 2012.
7. Organized “**One Day International Conference on Classical Biological Control of Asian Citrus Psylla**” in the Department of Entomology, UAF on April 18, 2013.
8. Organized one day international conference on “**Using IPM Techniques to Manage the Invasive Spotted Winged Drosophila**” in the Department of Entomology, UAF on November 25, 2013.
9. Organized “**One Day Conference on Integrated Pest Management of Fruits and Vegetables**” in the Department of Entomology, UAF on November 30, 2013.
10. Organized a training workshop on “**SILKWORM REARING**” in collaboration with sericulture department at Faisalabad.
11. Organized one day training workshop on “**REARING AND BIOASSAY TECHNIQUES FOR ARMYWORM**” on February 24, 2013 in the Department of Entomology, UAF.
12. On the platform of Senior Tutor Office, organized a series of workshop for Co-tutors on “**LEARNING BY DOING: TOOLS & TECHNIQUES FOR WORKING AS TEAM**” as Deputy Senior Tutor.
13. Organized one day workshop on “**PLANTWISE: A NEW INNOVATORY APPROACH LINKING OF DIAGNOSTIC LABS WITH PLANT CLINIC**” on February 18, 2012 in the Department of Entomology, UAF.
14. As a member of committee, organized International Entomological Congress and on exclusive day on current scenario and management of pink bollworm” at UAF from December 16-18, 2016.

15. As a member of committee organized “National Conference on Sustainable Management and Control of Fruit Fly Infestation 2016” in University of Agriculture Faisalabad on November 23-24, 2016.
16. As a member of committee, organized a “Hands on Training on Basic Principles of Pesticides Risk Assessment for Pollinators” organized on December 9, 2016 by Department of Entomology, UAF.
17. Organized a seminar on “**Fruit Fly Control: A Road Map to Success**” on August 26, 2017 at the eve of **Fruit Fly Management Week** held on August 21-26, 2017 in the Department of Entomology, UAF for the awareness of the stakeholders.
18. Organized “One Day Training Workshop on Biological Control” on 16-09-2017 in the Department of Entomology, UAF for the training of students and field-staff of Punjab Agriculture Department.
19. Organized an awareness campaign/Walk on “**Fruit Fly management**” on August 26, 2017 at the eve of **Fruit Fly Management Week** held on August 21-26, 2017 in the Department of Entomology, UAF for the awareness of the stakeholders.
20. Organized one-Day Training Workshop on “Integrated Pest Management (IPM) – Understanding and demonstrating IPM” in collaboration with USAID-PATTA on July 17, 2018 in University of Agriculture Faisalabad.
21. Organized a training workshop on “Two Days Training on Irrigation and Fertigation for Field Officials of Agriculture (PP) Pest Warning & Quality Control of Pesticides Punjab” in collaboration with Directorate General Pest Warning & QCP, Punjab, Lahore on 15-03-2018 to 16-03-2018 in Plant Pathological Research institute, AARI, Faisalabad.
22. As **Secretary** organized one day seminar on “Recent Interventions made in term of biological control of aflatoxins and MRLs setting across Pakistan” on 20th December, 2022.
23. As **Focal Person**, organized one day workshop/ seminar on “Popularization of home gardening in urban and peri urban areas of Punjab (Zone-02 Faisalabad)” on 17th October, 2022.
24. As **Focal Person**, organized one day workshop/seminar on “Popularization of home gardening in urban and peri urban areas of Punjab (Zone-02 Faisalabad)” on 20th October, 2022.
25. As **Secretary**, organized one day workshop/seminar on “Popularization of home gardening in urban and peri urban areas of Punjab (Zone-01 Lahore & Okara)” on 18th October, 2022.
26. As **Secretary**, organized one day workshop/seminar on “Popularization of home gardening in urban and peri urban areas of Punjab (Zone-01 Lahore & Okara)” on 19th October, 2022.
27. As **Committee member** organized one day International Seminar on “Biological Control of *Parthenium hysterophorus* in Pakistan using Stem Boring Weevil (*Listronotus setosipennis*)” on September 09, 2022 at New Senate Hall, UAF.

List of research papers published in different journals

17. *List of Research Papers Published in HEC Approved National Journals*

1. Ahmad, F., **M.D. Gogi** and Mansoor-ul-Hassan, 2000. Relative efficacy of different grain protectants against various strains of *Trogoderma granarium* (Evert). Pakistan. Entomologists, 22(1-2):55-57. (HEC Approved)
2. Raza, A.B.M., M. Afzal, M.H., Bashir, **M.D. Gogi**, and M.S., Sarwar, 2000. Physico-morphic plant characters in relation to resistance against sucking insect pests in some new cotton genotypes. Pakistan. Entomologists, 22(1-2):73-77. (HEC Approved)
3. Sial, A.I., M.J. Arif, **M.D. Gogi** and A.A. Sial, 2003. Cataloguing of cotton genotypes for morphological traits relating to resistance against whitefly, *Bemisia tabaci* (Gen.) Pakistan. Entomologists, 25(2): 149-153. (HEC Approved)
4. Sarfraz, M., M.J. Arif, **M.D. Gogi** and G. Ahmad, 2003. Comparative resistance of transgenic and conventional cotton against american bollworm. Pakistan. Entomologists, 25(1): 85-88. (HEC Approved)
5. Umar, M. S., M.J. Arif, M. Afzal, **M.D. Gogi**, and M. Sulman, 2003. Effect of abiotic factors on the population fluctuation of whitefly, *Bemisia tabaci* (Gen.) in nectaried and nectariless genotypes of cotton. International Journal of Agriculture and Biology, 5(3):362-363. (HEC Approved; Y Category)
6. Arif, M.J., S.A. Ijaz, U. Saif, **M.D. Gogi** and M.A. Sial, 2004. Some morphological plant factors effecting resistance in cotton against thrips (*Thrips tabaci* L.) International Journal of Agriculture and Biology, 6(3):544-546. (HEC Approved; Y Category)

7. Arif. M.J., B.W. Mirza, U. Saif, **M.D. Gogi** and S.M.I Waseem and G. Ahmad, 2004. Comparative efficacy of some Eco-friendly substances/chemicals against cotton whitefly (*Bemisia tabaci* Genn.) International Journal of Agriculture and Biology, 6(3): 517-519. (HEC Approved; Y Category)
8. Hafeez. F., M. J. Arif, **M.D. Gogi**, K. Zia, H. Karar and M. Arshad, 2006. Survey of entomophagous insect in cotton belt of Punjab, Pakistan. Pakistan Journal of Biological Science, 9(7):1375-1380.
9. Arif. M.J., **M.D. Gogi**, M. Mirza, K. Zia and F. Hafeez., 2006. Impact of plant spacing and abiotic factors on population dynamics of sucking insect pests of cotton. Pakistan. Pakistan Journal of Biological Science, 9 (7):1364-1369.
10. Shahid, M.R., S. Anjum, M.J. Arif, **M.D. Gogi**, S. Munir and S. Hussain, 2007. Effectiveness of egg parasitoid *Trichogramma chilonis* Ishii (Hymenoptera: Trichogrammatidae) against sugarcane stem borer *Chilo infuscatellus* Snellen (Lepidoptera: Pyralidae) in sugarcane. J. Pak. Entomol., 2(29): 141-146.
11. **Gogi, M.D.**, M. Ashfaq, M.J. Arif, M.A. Khan and F. Ahmad, 2007. Co-administration of insecticides and butanone acetate for its efficacy against melon fruit flies, *Bactrocera cucurbitae* (Insects: Diptera: Tephritidae). Pakistan Entomologists.2 (29): 111-116.
12. Suhail, A., **M.D. Gogi**, M.J. Arif, M. Arshad, R.M. Sarfraz, 2007. Effect of various treatments of Azadirachtin, Spinosad and Abamectin on the Haemogram of *Coccinella septempunctata* L. (Coleoptera: Coccinellidae). Pakistan. Entomologists, 2 (29): 151-164.
13. Arif, M.J., **M.D. Gogi**, A.M. Abid, M. Imran, M.R. Shahid, S. Husain and M. Arshad, 2011. Predatory potential of some native coccinellid predators against *Phenacoccus solenopsis*, Tinsely (Pseudococcidae: Hemiptera). Pakistan. Entomologists, 33(2): 97-103.
14. Arshad, M., A. Suhail, Zain-ul-Abdin and **M.D. Gogi**, 2011. Efficacy of transgenic Bt cotton against *Helicoverpa armigera* (Lepidoptera: Noctuidae) in the Punjab, Pakistan. Pakistan. Entomologists, 33(2): 119-123.
15. **Gogi, M.D.**, N. Ijaz, M.J. Arif, Zain-ul-Abidin, M. Arshad, M.H. Bashir and M.A. Khan, 2011. Impact of synergism with combinations of silicon oil, clove oil and sulfuric acid on the toxicity of some insecticides against cotton mealybug, *Phenacoccus solenopsis* (Hemiptera: Pseudococcidae). Pakistan. Entomologists, 33(2): 137-141.
16. Manzoor, A., Zain-ul-Abdin, M. Arshad, **M.D. Gogi**, H. Shaina, E. Mubarik, S.K. Abbas and M.A. Khan, 2011. Biological activity of the toxic peptides from venom of *Bracon hebetor* (Say.) (Hymenoptera: Braconidae). Pakistan. Entomologists, 33(2): 125-130.
17. Arif, M.J., Q. Abbas, **M.D. Gogi**, M. Ashfaq, H.A. Sayyad, M.A. Khan and H. Karar, 2012. Performance of some insecticides against canola aphids and associated coccinellid predators under field conditions. Pakistan. Entomologists, 34(1): 37-41.
18. Zain-ul-Abdin, M.J. Arif, **M.D. Gogi**, M. Arshad, F. Hussain, S.K. Abbas, H. Shaina and A. Manzoor, 2012. Biological characteristics and host stage preference of mealybug parasitoid *Aenasius bambawalei* Hayat (Hymenoptera: Encyrtidae). Pakistan. Entomologists, 34(1): 47-50.
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18. Ahmad Nawaz, Muhammad Dildar Gogi, Muhammad Naveed, Muhammad Arshad, Muhammad Sufyan, Muhammad Binyameen, Shams Ul Islam, Muhammad Waseem, Muhammad Bilal Ayyub, Muhammad Jalal Arif & Habib Ali, 2020. In vivo and in vitro assessment of *Trichoderma* species and *Bacillus thuringiensis* integration to mitigate insect pests of brinjal (*Solanum melongena* L.). Egyptian Journal of Biological Pest Control 30 (60): 1-7. DOI: <https://doi.org/10.1186/s41938-020-00258-5> (Impact Factor 0.381).
19. Muhammad Idrees, Muhammad Dildar Gogi, Waqar Majeed, Arbab Yaseen, Mubashar Iqbal, 2020. Impacts and evaluation of Hormoligosis of some insect growth regulators on *Phenacoccus solenopsis* (Hemiptera: Pseudococcidae). International Journal of Tropical Insect Science, 40:855–867 DOI: <https://doi.org/10.1007/s42690-020-00142-7> (Impact Factor 0.92).
20. Nawaz, A., H. Ali, M.D. Gogi, S. Fiaz, M. Arfan, M.A. Khan, M. Qasim, M. Atiq, and K.A. Khan, 2020. Resistance assessment of different cultivars of okra (*Abelmoschus esculentus*) against whitefly (*Bemisia tabaci*). Gesunde Pflanzen, 72:361–369. DOI: <https://doi.org/10.1007/s10343-020-00518-2>
21. Farooq, M.A., B. Atta, **M.D. Gogi**, M.J. Arif and Q.A. Arain, 2020. Compatibility of entomopathogenic fungi and azadirachta indica extract against the cotton pink bollworm, *Pectinophora gossypiella* (Saunders) (Lepidoptera: Gelechiidae) under controlled conditions. Egyptian Journal of Biological Pest Control (2020) 30(63):1-6. DOI: <https://doi.org/10.1186/s41938-020-00260-x>
22. Atta, B., M. Rizwan, A.M. Sabir, **M.D. Gogi**, M.A. Farooq and A. Jamal, 2021. Lethal and sublethal effects of clothianidin, imidacloprid and sulfoxaflor on the wheat aphid, *Schizaphis graminum* (Hemiptera: Aphididae) and its coccinellid predator, *Coccinella septempunctata*. International Journal of Tropical Insect Science, 41:345–358. DOI: [10.1007/s42690-020-00212-w](https://doi.org/10.1007/s42690-020-00212-w)
23. **Gogi, M.D.**, A.H. Syed, B. Atta, **M.** Sufyan, M.J. Arif, M. Arshad, A. Nawaz, M.A. Khan, A. Mukhtar and O.E. Liburd, 2021. Efficacy of biorational insecticides against *Bemisia tabaci* (Genn.) and their selectivity for its parasitoid *Encarsia formosa* Gahan on Bt cotton. Scientific Reports 11, 2101. DOI: <https://doi.org/10.1038/s41598-021-81585-x>
24. Muhammad Junaid Nisar, Muhammad Dildar Gogi, Bilal Atta, Majid Tufail, Rameesha Amjad Ali, Waleed Afzal Naveed and Mubashar Iqbal, 2021. Pathogenicity of fungal and bacterial bioinsecticides against adult peach fruit fly, *Bactrocera zonata* (Saunders) (Diptera: Tephritidae) admixed with adult diet under controlled conditions. Egyptian Journal of Biological Pest Control 31(146): 1-20. DOI: <https://doi.org/10.1186/s41938-021-00481-8>
25. Mubashar Iqbal, Muhammad Dildar Gogi, Bilal Atta, Muhammad Junaid Nisar Muhammad Jalal Arif and Nazir Javed, 2021. Assessment of pathogenicity of *Beauveria bassiana*, *Metarhizium anisopliae*, *Verticillium lecanii* and *Bacillus thuringiensis* var. *kurstaki* against *Bactrocera cucurbitae* Coquillett (Diptera: Tephritidae) via diet-bioassay technique under controlled conditions. International Journal of Tropical Insect Science, 41: 1129–1145. DOI: <https://doi.org/10.1007/s42690-020-00298-2> (Impact Factor 0.92).
26. Ahmad Nawaz, Fatima Razzaq, Amna Razzaq, Muhammad Dildar Gogi, G. Mandela Fernández-Grandon, Muhammad Tayib, Muhammad Ahsin Ayub, Muhammad Sufyan, Muhammad Rafiq Shahid, Mirza Abdul Qayyum, Muhammad Naveed, Anam Ijaz and Muhammad Jalal Arif, 2022. Compatibility and synergistic

interactions of fungi, *Metarhizium anisopliae*, and insecticide combinations against the cotton aphid, *Aphis gossypii* Glover (Hemiptera: Aphididae). Scientific Reports | (2022) 12:4843. DOI: <https://doi.org/10.1038/s41598-022-08841-6>

27. Muhammad Idrees, Hafiz Muhammad Imran, Muhammad Dildar Gogi, Sobia Kanwal, Waqar Majeed, Sadia Maalik, Mobeen Mozamal, 2022. Hormoligosis Evaluation and Efficacy of Fenoxycarb on the Cotton Mealybug (*Phenacoccus solenopsis*). Brazilian Archives of Biology and Technology, 65: e22210631. DOI: <https://doi.org/10.1590/1678-4324-2022210631>.
28. Shamim Akhtar, Muhammad Jalal Arif, Muhammad Dildar Gogi and Imran ul Haq, 2022. Impact of various oviposition substrates on biology of pink bollworm *Pectinophora gossypiella* (Lepidoptera: Gelechiidae) under laboratory conditions. International Journal of Tropical Insect Science. 42:2987–2993. DOI: <https://doi.org/10.1007/s42690-022-00829-z>
29. Muhammad Atiq, Muhammad Zeeshan Talib, Nasir Ahmed Rajput, Shahbaz Talib Sahi, Muhammad Aslam Khan, Muhammad Usman, Abdul Jabar, Muhammad Jalal Arif, Muhammad Dildar Gogi, Muhammad Ahsan Khan & Azeem Akram (2023) NEW Fangled Tactics Towards Cotton Leaf Curl Virus Disease A Review, Journal of Natural Fibers, 20:2, 2217364, DOI: 10.1080/15440478.2023.2217364.
30. Shouket Zaman Khan, Muhammad Jalal Arif, **Muhammad Dildar Gogi** And Shahbaz Talib Sahi, 2023. Monitoring the lethal impact of heat on *Candidatus liberibacter asiaticus* (CLAS) proteobacterium, the contributory means of huanglongbing in Punjab, Pakistan. Xi'an Shiyu Daxue Xuebao (Ziran Kexue Ban)/ Journal of Xi'an Shiyu University, Natural Sciences Edition, 66(7): 215-231. DOI 10.17605/OSF.IO/GJ2KT
31. **Gogi, Muhammad Dildar**, Waleed Afzal Naveed, Asim Abbasi, Bilal Atta, Muhammad Asif Farooq, Mishal Subhan, Inzamam Ul Haq, Muhammad Asrar, Najat A. Bukhari, Ashraf Atef Hatamleh, 2023. "Field Evaluation of Slow-Release Wax Formulations: A Novel Approach for Managing *Bactrocera zonata* (Saunders) (Diptera: Tephritidae)" Sustainability, 15,(19): 14470. DOI <https://doi.org/10.3390/su151914470>.
32. Akhtar Shamim, Arif Muhammad Jalal, **Gogi Muhammad Dildar** and Haq Imran-ul, 2024. Impact of numerous larval diets on the biology of pink bollworm *Pectinophora gossypiella* (Saunders) (Lepidoptera: Gelechiidae) under laboratory conditions. Journal of Cotton Research, 7(7):1-10. DOI: <https://doi.org/10.1186/s42397-024-00166-1>.
33. Umm-E-Rumman, Ahmad Nawaz, **Muhammad Dildar Gogi**, Anam Ejaz, Ahsan Khan, Abid Ali, Muhammad Atiq, Asma Saeed, Asim Munawar and Muhammad Jalal Arif, 2024. Population dynamics of aphid pests of wheat and their natural enemies. Indian Journal of Entomology, 86(2): 530-534. DOI: <https://doi.org/10.55446/ije.2024.1433>.
34. Muhammad Junaid Nisar, **Muhammad Dildar Gogi**, Asim Abbasi, Bilal Atta, Qudsia Yousafi, Inzamam Ul Haq, Mishal Subhan, Hayssam M. Ali, Waleed A. A. Alsakkaf and Mohamed S. Basiouny, 2024. Do Phagostimulants, Alone or Combined with Ammonium Acetate, Di-Ammonium Phosphate, and Acetic Acid, Effectively Attract Both Sexes of Peach Fruit Flies, *Bactrocera zonata* (Diptera: Tephritidae)? Insights from Laboratory and Field Bioassays. Insects 2024, 15: 470-492. DOI: <https://doi.org/10.3390/insects15070470>.
35. **Muhammad Dildar Gogi**, Ahsan Maroof, Bilal Atta, Muhammad Junaid Nisar, Muhammad Jalal Arif, Muhammad Ahsin Ayub and Arshed Makhdoom Sabir, 2024. Field appraisal of entomopathogenic fungi horizontal transmission device for entomo-vectoring of *Beauveria bassiana* and *Metarhizium anisopliae* in bitter gourd field against *Bactrocera cucurbitae* (Coquillett) (Diptera: Tephritidae). Egyptian Journal of Biological Pest Control, 34, 47 (2024). DOI: <https://doi.org/10.1186/s41938-024-00812-5>

21. LIST OF M.SC. STUDENTS, SUPERVISED BY DR. MUHAMMAD DILDAR GOGI

1. Siraj Ahmad, 2010. Investigating the effect of silicon and its solubilizers on resistance induction to cotton mealybug in cotton plants under laboratory conditions.
2. Adeel Mukhtar, 2010. Evaluation of synergism/antagonism in the toxicity of insecticides against cotton mealybug through coadministration with silicon dioxide under laboratory conditions.
3. Muhammad Nauman, 2010. Evaluation of the synergistic/antagonistic effects of some combinations of wax dissolving agents on the efficacy of different insecticides against cotton mealybug under laboratory conditions.
4. Muhammad Mujtaba, 2011. Residual toxicity of insecticides, used in cotton-agroecosystem, to cotton mealybug parasitoid, *Aenasius* sp. (Hymenoptera: Encyrtidae) under laboratory conditions.

5. M. Faheem Akhtar, 2011. Impact of nutrient management on population dynamics of *Pyrilla perpusilla* and *Epiricania melanoleuca* in and on yield components of sorghum.
6. M. Kashif Rabbani, 2011. Impact of nutrient management programme-alone and in combination with chemical control- in *Chilo partellus* (Pyralidae: Lepidoptera) and yield components of sorghum.
7. Hafiz M. Farooq, 2011. Impact of nutrient management and climatic conditions on population dynamics of *Pyrilla perpusilla* Walker (Lophopidae: Homoptera) and on yield components of sorghum (*Sorghum bicolor* L.).
8. M. Saeed Iqbal, 2011. Impact of nutrient application schedules of different companies on the insect pests infestation and yield components of Bt cotton (Bt-121).
9. M. Asif, 2011. Impact of nutrient application schedules on infestation of sucking insects and yield components of non-Bt cotton (*Gossypium hirsutum* L.) under sprayed condition.
10. Mudassar Hussain, 2011. Impact of nutrient application schedules on infestation of chewing insects and yield components of non-Bt cotton (*Gossypium hirsutum* L.) under sprayed condition.
11. Bilal Atta, 2012. Evaluation of toxicity and repellency of some insect growth regulators (IGRs) against dusky cotton bug, *Oxycarenus hyalinipennis* Costa (Hemiptera: Lygaeidae: Oxycareninae).
12. Ijaz Aqeel, 2012. Performance of aqueous extract of garlic, *Allium sativum* and ginger, *Zingiber officinalis* against insect pests of cotton crop.
13. Ali Anwar, 2012. Impact of pheromone installation on the capture and damage intensity of fruit fly species in different host crops.
14. M. Irfan Ashraf, 2012. Impact of biofertilizer application for the host plant resistance of chickpea (*Cicer arietinum*) and lentil (*Lens culinaris*) on different insect pests.
15. Waqas Khalid, 2012. Population phenology of citrus psylla associated with different citrus cultivars and abiotic factors.
16. Sajawal Niaz, 2012. Population dynamics of *Pyrilla perpusilla* and *Epiricania melanoleuca* on Ratoon crop of Sugarcane (*Saccharum officinarum* L.) in District Faisalabad and Toba Tek Singh.
17. Asif Iqbal, 2013. Evaluation of different Insecticide application methods on dusky cotton bug, *Oxycarenus hyalinipennis* Costa (Hemiptera: Oxycarenidae).
18. M. Saeed Ahmed Shan, 2013. Laboratory bioassay of some indigenous botanical extracts against *Bactrocera correcta* (guava fruit fly).
19. M. Ijaz, 2013. Extent of overwintering and diversity of dusky cotton bug in Punjab.
20. M. Junaid Nisar, 2013. Bioassay studies on the impact of combining different dose levels of some novel insecticides with two levels of Diver® (Aliphatic hydrocarbons) against cotton mealybug, *Phenacoccus solenopsis* (Pseudococcidae: Hemiptera) under laboratory conditions.
21. Mubashar Iqbal, 2013. Synergistic/antagonistic impact of Diver® (aliphatic hydrocarbons) on the toxicity of some IGRs, nicotinoids, macrocyclic-lactone, carbamate and pyrethroid insecticides against *Phenacoccus solenopsis* (Homoptera: Pseudococcidae) and its parasitoids *Aenasius bambawalei* Hayat (Hymenoptera: Encyrtidae).
22. Ghulam Abbas, 2013. Pest survey, peoples' perception, losses assessment and biorational management of dusky cotton bug, *Oxycarenus hyalinipennis* Costa (Hemiptera: Oxycarenidae).
23. Muhammad Shafiq, 2014. Evaluation of gustatory/olfactory response of melon fruit fly (*Bactrocera cucurbitae*) to different food-bait traps and their impact on fruit quality of bitter gourd (*Momordica charantia*) in integration with reduce risk insecticides.
24. Gohar Ali, 2014. Impact of integration of reduced-risk insecticides and colored refraction sheets on the incidence of Melon Fruit fly and yield of Bitter gourd.
25. Shakeel Ahmad, 2014. Evaluation of visual/olfactory responses of melon fruit fly (*Bactrocera cucurbitae*) to various types of sticky-traps and their impact on fruit quality of bitter gourd (*Momordica charantia*) in integration with GF-120 application
26. M. Ahsan Ayub, 2014. Impact of different formulations of some insect growth regulators on mortality and natality of adult female *Phenacoccus solenopsis* (Hemiptera: Pseudococcidae).

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| 27 | M. Nadeem (2013-ag-967) | Laboratory bioassay for determining the contact toxicity of some new insecticide's formulation against <i>Bactrocera zonata</i> (Saunders) (Diptera: Tephritidae) | 2015 | Completed |
| 28 | Talha Nazir (2013-ag-1518) | Assessment of top-down effects of new insecticides formulations on numerical | 2015 | Completed |

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| | | tritrophic interaction of bt-cotton cultivars, sucking insect pests complex and natural enemies in field and mortality rates of dusky and red cotton bugs in laboratory | | |
| 29 | Hafiza Haseena Iqbal (2014-ag-8175) | Olfactometric evaluation of kairomonic potential of some microbial insecticides based food baits for <i>Bactrocera dorsalis</i> and <i>Bactrocera zonata</i> (Tephritidae: Diptera) | 2016 | Completed |
| 30 | Ayesha Ghazal (2014-ag-1261) | Evaluation of chemosterilants potential of some insect growth regulators against <i>Bactrocera dorsalis</i> and <i>Bactrocera zonata</i> (Tephritidae: Diptera) under laboratory conditions | 2016 | Completed |
| 31 | Khadija Gulzar (2014-ag-1274) | Studies on the performance evaluation of different types bait stations against <i>Bactrocera dorsalis</i> and <i>Bactrocera zonata</i> (Tephritidae: Diptera) in mango, guava and citrus orchards | 2016 | Completed |
| 32 | Khaleeq-u-Zaman (2014-ag-8175) | Field evaluation of attract-and-kill potential of some food baits against fruit flies | 2016 | Completed |
| 33 | Muhammad Zubair (2014-ag-741) | Bio-efficacy of some microbial insecticides against red pumpkin beetle, <i>Aulacophora foveicollis</i> Lucas (Coleoptera: Chrysomelidae) in <i>Laginia siceraria</i> | 2016 | Completed |
| 34 | Ali Hassan Syed (2013-ag-1412) | Studies on population dynamics and biorational management of jassid, thrips and whitefly on Bt cotton | 2016 | Completed |
| 35 | Waqas Ahmad (2011-ag-3705) | Field evaluation of different biolure-baits for their attractiveness to Tephritid fruit flies (Diptera: Tephritidae) | 2017 | Completed |
| 36 | Zunain Fatima (2011-ag-3959) | Assessment of olfactory response of <i>Bactrocera zonata</i> , <i>B. dorsalis</i> and <i>B. cucurbitae</i> (Diptera: Tephritidae) to different biolure baits | 2017 | Completed |
| 37 | H. M. Adil Ayub (2011-ag-4000) | Assessment of kairomonic potential of bacterial communities isolated from some Tephritid fruit flies | 2017 | Completed |
| 38 | Anum Tariq (2012-ag-3312) | Evaluation of Endophytic and Pathogenic Potential of Some Entomopathogenic Fungi Formulations Against Tomato Leaf Minor | 2018 | Completed |
| 39 | Amna Jalal (2012-ag-2774) | Evaluation of Attract-and-Kill Potential of Different Splat Mat and Sflat-Bat Formulations Against <i>Bactrocera zonata</i> and <i>Bactrocera cucurbitae</i> | 2018 | Completed |
| 40 | Waleed Afzal (2010-ag-3826) | Evaluation of Trapping Efficiency of Some Slow-Released Formulations of Methyl Euginol in Orchards Against Fruit Flies | 2018 | Completed |
| 41 | Talha Farooq (2012-ag-3327) | Evaluation of Trapping efficiency of some slow-release formulations of cue-lure in orchards against fruit flies | 2018 | Completed |
| 42 | Tasmia Maqsood (2016-ag-1048) | Impact of nutrients and endophytic entomopathogenic fungi manipulation on aphid-parasitoid interaction | 2018 | Completed |
| 44 | Hafiza Aleena Ali (2016-ag-740) | Assessment of water-oil emulsion impact on the efficiency of methyl euginol and | 2018 | Completed |

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| | | butanone acetate for fruit flies | | |
| 45 | Sana Malik (2016-ag-1057) | Effect of some IGRs and entomopathogenic microbes on the bionomic and field performance of whitefly parasitoid <i>Encarsia formosa</i> | 2018 | Completed |
| 46 | Alia Ameen (2016-ag-494) | Field comparison of different lures for their efficacy against fruit fly species | 2018 | Completed |
| 47 | Hafiz Muhammad Waqas Amjad (2013-ag-3587) | Assessment of virulence of selected Entomopathogenic fungi on <i>Bactrocera zonata</i> | 2019 | Completed |
| 48 | Muhammad Hamza Khaliq (2013-ag-3570) | Pathogenicity bioassay of some Entomopathogenic fungi strains against <i>Bactrocera cucurbitae</i> | 2019 | Completed |
| 49 | Muhammad Umer Saeed (2013-ag-3210) | Impact of year-round trapping on the incidence of fruit flies in bitter melon and fruit orchards | 2019 | Completed |
| 50 | Farhan Nazeer (2013-ag-3188) | Assessment of impact of chemical manipulated potato plants on the behavior and biology of potato aphids | 2019 | Completed |
| 51 | Muhammad Ali (2013-ag-3324) | Assessment of attract-and-kill potentials of different food-baits against tephritid fruit flies | 2019 | Completed |
| 52 | Nisma Farheena (2017-ag-2996) | Determination of hormoligosis in <i>Phnacocuss solinopsis</i> (Pseodococcidae: Homoptera) and <i>Anasius</i> species for axonic insecticides. | 2019 | Completed |
| 53 | Tayyiba Bilal (2017-ag-3078) | Determination of hormesis in <i>Phnacocuss solinopsis</i> (Pseodococcidae: Homoptera) and <i>Anasius</i> species for synaptic insecticides. | 2019 | Completed |
| 54 | Ayesha Liaqat (2017-ag-3019) | Assessment of dose-response biphasic impacts of some physical poisons on <i>Phnacocuss solinopsis</i> (Pseodococcidae: Homoptera) and <i>Anasius</i> species. | 2019 | Completed |
| 55 | Nida Jamil (2017-ag-3070) | Assessment of hormoligosis of some neonicotinoids on <i>Phnacocuss solinopsis</i> (Pseodococcidae: Homoptera) and <i>Anasius</i> species. | 2019 | Completed |
| 56 | M. Idrees (2017-ag-2972) | Evaluation of hormoligosis of some IGRs on <i>Phnacocuss solinopsis</i> (Pseodococcidae: Homoptera) and <i>Anasius</i> species. | 2019 | Completed |
| 57 | Samina Asif (2017-ag-3029) | Determination of hormoligosis of some carbamate insecticides on <i>Phnacocuss solinopsis</i> (Pseodococcidae: Homoptera) and <i>Anasius</i> species. | 2019 | Completed |
| 58 | Sadia Kanwal (2017-2948) | Determination of Hormoligosis in <i>Phnacocuss solinopsis</i> of acetameprid diafenthrun and nitenptam | 2019 | Completed |
| 59 | Ammar Qasir (2014-ag-4933) | Evaluation of efficacy of different EPF strains against melon fruit fly, <i>Bactrocera cucurbitae</i> (Tephritidae: Diptera) | 2020 | Completed |
| 60 | Saqib Javid (2014-ag-4768) | Evaluation of efficacy of different EPF strains against aphids | 2020 | Completed |
| 61 | M. Danish Faraz (2014-ag-4951) | Isolation, identification and role of fruit fly gut bacteria in its management | 2020 | Completed |
| 62 | Ahsan Maroof | Application of baits and their application | 2020 | Completed |

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| | (2014-ag-4797) | techniques against fruit flies (Tephritidae: Diptera) | | |
| 63 | Umar javed (2014-ag-4816) | Bacterial strain in the midgut of fruit fly and their evaluation for attraction to the female <i>B. zonata</i> | 2020 | Completed |
| 64 | M. Farhan (2012-ag-3363) | Assessment of impact of silicon and insecticide-mediated plants on behaviour of <i>Phenacoccus solenopsis</i> | 2020 | Completed |
| 65 | Saira Munir (2018-ag-3731) | Effect of imidacloprid and bifenthrin on feeding, probing and reproduction of ACP | 2020 | Completed |
| 66 | Rabiya Hassan (2016-ag-3505) | Assessment of effects of olive oil, fat oil and pumpkin oil on the growth and performance of entomopathogenic fungal strains against <i>B. cucurbitae</i> maggots. | 2020 | Completed |
| 67 | Fazeelat Ibrahim (2018-ag-3673) | Impact of Salicyclic and silicic acids treatment on canola-growth and aphid-parasitoid trophic interaction. | 2020 | Completed |
| 68 | Madeeha Shahid (2016-ag-1688) | Impact of almond, amla and coconut oils on the growth and virulence of entomopathogenic strains against <i>B. zonata</i> maggots. | 2020 | Completed |
| 69 | Aneeqa Asghar (2018-ag-3677) | Assessment of Sensitivity of Entomopathogenic Fungi to Coriander, taramera and caster oils | 2020 | Completed |
| 70 | Rafia Mubeen (2016-ag-3520) | Impact of Salicyclic acid treatment on wheat-growth, aphid-density and bioagent-incidence under field conditions. | 2020 | Completed |
| 71 | Nandaisha Aqeen (2016-ag-1667) | Assessment of silicic acid induce resistance in wheat against wheat aphid | 2020 | Completed |
| 72 | Uswah Sehar (2018-ag-3703) | Biodiversity patterns of arthropod fauna on sugarcane in association with abiotic factors | 2020 | Completed |
| 73 | Saqib Javed (2018-ag-3718) | Horizontal transmission of <i>Metarhizium anisopliae</i> in fruit fly and effect of fungal infection on egg laying and fertility | 2020 | Completed |
| 74 | Misbah Aziz (2018-ag-3719) | Impact of Salicyclic and silicic acids treatment on canola-growth and aphid-predator trophic interaction. | 2020 | Completed |
| 75 | Syeda Zimmel Iqbal (2016-ag-1876) | Isolation and evaluation of different strains of EPF against <i>B. zonata</i> maggots | 2020 | Completed |
| 76 | Arslan Javed (2015-ag-6283) | Assessment of efficacy of EPF inoculated bait and its application techniques against melon fruit fly in bittergourd crop. | 2021 | Completed |
| 77 | Ejaz Shoukat (2013-ag-2058) | Appraisal of economic analysis of yellow square jute-foam (YSJF) bait station for suppression of tephritid fruit flies and fruit losses in orchard and cucurbit crop | 2021 | Completed |
| 78 | Zikria Ahmed Shah (2013-ag-2199) | Assessment of host preference and life table parameters of <i>Bactrocera cucurbitae</i> (Coquillett) (Diptera: Tephritidae) on different fruits | 2021 | Completed |
| 79 | Hafiz Junaid Afzal (2015-ag-6305) | Assessment of compatibility of IGRs with EPF strains and effects of compatible EPF-IGR combinations on biological parameters of <i>Bactrocera cucurbitae</i> | 2021 | Completed |

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| 80 | Tayyab Walyat (2013-ag-2049) | Impact of insecticides on feeding behavior, food consumption and survival potential of <i>Spodoptera frugiperda</i> (Lepidoptera: Noctuidae) | 2021 | Completed |
| 81 | Farhat Fatima (2019-ag-68) | Assesment of efficacy of entomopathogenic inoculated bait and its application techniques against melon fruit fly in bittergourd crop | 2021 | Completed |
| 82 | Hijab Fatima (2019-ag-58) | Appraisal the fitness of different artificial diets for successful rearing of <i>B. zonata</i> and <i>B. cucurbitae</i> | 2021 | Completed |
| 83 | Bilal Jaffar (2016-ag-6747) | Assessment of attract-and-kill based comparative performance of different combination of insecticides, pheromones and baits against fruit flies (Diptera: Tephritidae) in orchards and cucurbit crops | M.Sc. (Hons) Entomology 2022 | Completed |
| 84 | Iram Ikram (2016-ag-6619) | Impact assessment of sodium silicate, silicic acid and pyriprozyfen on wheat-growth and aphid-bioagents incidence on wheat under field conditions | M.Sc. (Hons) Entomology 2022 | Completed |
| 85 | Roshen E Zahra (2020-ag-41) | Invitro assessment of potassium silicate, silicic acid and pyriprozyfen manipulation on wheat-growth and incidence of aphid-bioagents complex on wheat | M.Sc. (Hons) Entomology 2022 | Completed |
| 86 | Khawaja Nouman Pervaiz (2016-ag-6013) | Impact assessment of integrated manipulation of silicon, silicic acid and pyriprozyfen on yield parameters canola crop, incidence on aphids and their natural enemies | M.Sc. (Hons) Entomology 2022 | Completed |
| 87 | Muhammad Bilal (2016-ag-6040) | Impact assessment of integrated manipulation of silicon, silicic acid and buprofezin on the yield parameters canola crop, incidence on aphids and their natural enemies | M.Sc. (Hons) Entomology 2022 | Completed |
| 88 | Muhammad Usman (2016-ag-6053) | Agroecological management based assessment of intercropping influence on population dynamics of <i>Spodoptera frugiperda</i> (J.E. Smith) (Lepidoptera: Noctuidae) and its natural enemies | M.Sc. (Hons) Entomology 2022 | Completed |
| 89 | Sarnela Abbas (2020-ag-1763) | Biodiversity of spiders and insect fauna in horticultural crops of UAF-campus in association with abiotic factors | M.Phil. Zoology 2022 | Completed |
| 90 | Sidra Yasmeen (2020-ag-1746) | Biodiversity of spiders and insect fauna in agronomic crops of UAF-campus in association with abiotic factors | M.Phil. Zoology 2022 | Completed |
| 91 | M. Faizan Zafar (2017-ag-9079) | Evaluation of wax based slow release pheromone dispensers for mass trapping of tephritid fruit flies (Tephritidae: Diptera) in orchards | M.Sc. (Hons) Entomology 2023 | Completed |
| 92 | Ali Nawaz (2017-ag-10024) | Assessment of mass Trap-And-Kill performance of waxy pheromone-dispensing device against tephritid fruit flies (Tephritidae: Diptera) in orchards | M.Sc. (Hons) Entomology 2023 | Completed |
| 93 | Sanveed Sarwar (2016-ag-6054) | Assessment of pathogenicity of isolated EPF strains against Tephritid fruit flies | M.Sc. (Hons) Entomology | Completed |

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| | | (Tephritidae: Diptera) | 2023 | |
| 94 | M. Zeeshan (2017-ag-9137) | Efficacy of wax-based attract-and-kill bait-station for female <i>tephritid</i> fruit flies in orchards | M.Sc. (Hons) Entomology 2023 | Completed |
| 95 | M. Jawad Abdullah (2017-ag-9719) | Isolation and assessment of EPF strains for their pathogenecity against <i>Spodopters frugiperda</i> (G.E. Smith) (Lepidoptera: Noctuidae) | M.Sc. (Hons) Entomology 2023 | Completed |
| 96 | Muhammad Abubakar Hafeez (2017-ag-9065) | Invitro and invivo efficacy of new chemistry insecticides against fall armyworm (<i>Spodoptera Frugiperda</i>) | | Completed |
| 97 | Sohail Saeed Ahmad (2017-ag-9949) | Response of <i>Spodoptera Frugiperda</i> (Lepidoptera: Noctuidae) to different concentrations of some new chemistry insecticides under field and laboratory conditions on maize crop | | Completed |
| 98 | Shahid Atta (2021-ag-57) | In-Vivo and In-Vitro assessment of efficacy of different insecticides against <i>Spodopters frugiperda</i> (G.E. Smith) (Lepidoptera: Noctuidae) | M.Sc. (Hons) Entomology 2023 | Completed |
| 99 | Iqra (2021-ag-1489) | Assessment of pest and serum alteration in dairy animals under some therapeutic measures | M.Phil. Zoology 2023 | Completed |
| 100 | Iqra Asghar Butt (2021-ag-1567) | Assessment of some insecticides on the growth and histopathology of broiler and layer chicks | M.Phil. Zoology 2023 | Completed |
| 101 | Rehana Bibi (2019-ag-2693) | Impact assessment of different insecticides on therapeutic management of lice and growth and pathological parameters of chicks (cypermethrin and Deltamethrin) | M.Phil. Zoology 2023 | Completed |
| 102 | Nazia Bibi (2021-ag-1559) | Assessment of clinic-o-pathological toxicity of some insecticidal formulation on broiler and layer chickens | M.Phil. Zoology 2023 | Completed |
| 103 | Tehmina Rani (2021-ag-1483) | Impact assessment of different ixodicide on therapeutic management of ticks and clinico-pathological parameters of chicks | M.Phil. Zoology 2023 | Completed |
| 104 | Lubna ghazal (2021-ag-2569) | Effects of some insecticides on growth and clinico-pathological parameters of chickens | M.Phil. Zoology 2023 | Completed |
| 105 | Sheeza Andleeb (2021-ag-1552) | Analysis of toxicological effects of two insecticides and a tertiary mixture on growth and histopathology of chicks. | M.Phil. Zoology 2023 | Completed |
| 106 | Aroosha Saeed (2021-ag-1485) | Assessment of non-target effects of Carbofuran, Chlorantraniliprole and a binary mixture of emamectin benzoate and pyriproxifen on the growth and histopathology of chicks | M.Phil. Zoology 2023 | Completed |
| 107 | Muhammad Rizwan 2016-ag-5063 | Impact of some insecticides on life history parameters of <i>Spodoptera frugiperda</i> | M.Sc. (Hons) Entomology 2024 | Completed |
| 108 | Muhammad zeeshan 2016-ag-5044 | Impact Assessment of Mass-Trapping and Breeding Source Destructions of Fruit Flies and Their Prevalence And Fruit Losses In Horticultural Crop at Uaf Main Campus | M.Sc. (Hons) Entomology 2024 | Completed |
| 109 | Huba Fatima | Assessment Of Lab and Field Bio-Efficacy | M.Sc. (Hons) | Completed |

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|-----|---|---|------------------------------|-------------|
| | 2013-ag-2379 | of Moringa-Based Silver Nanoparticles Against Fall Armyworm Spodoptera Frugiperda (Lepidoptera: Noctuidae) On Maize | Entomology 2024 | |
| 110 | Fahad Yousaf 2018-ag-7528 | Assessment of population growth of <i>Antilochus coquebertii</i> against red cotton bug (<i>Dysdercus koenigii</i>) | M.Sc. (Hons) Entomology 2024 | Completed |
| 111 | Ahmed Abrar Bajwa 2016-ag-5105 | Bioefficacy and attracted-kill potential of some modified pheromone traps against tephritidae fruit flies | M.Sc. (Hons) Entomology 2024 | Completed |
| 112 | Faiza Ibrar 2023-ag-31 | Efficacy assessment of EPF formulations against Fall Armyworm | M.Sc. (Hons) Entomology 2024 | In progress |
| 113 | Hamza Sheraz 2019-ag-7564 | Field efficacy of different spray schedules against insect pests of cotton | M.Sc. (Hons) Entomology 2024 | In progress |
| 114 | M. Hamza Arshad 2019-ag-7975 | Management of melon fruit fly on bitter melon | M.Sc. (Hons) Entomology 2024 | In progress |
| 115 | Hammas ur Rehman 2019-ag-6338 | Efficacy of solar light trap against brinjal fruit borer | M.Sc. (Hons) Entomology 2024 | In progress |

22. LIST OF M. SC. STUDENTS, SUPERVISED AS CO-SUPERVISORS/COMMITTEE MEMBER

1. M. Fayyaz-ur-Rasheed, 2004. Effect of doses of insect growth regulators on cotton whitefly and American bollworm and their effects on natural predators.
2. Touseef Ahmad, 2005. Comparative efficacy of some insecticides and IGR along with augmentation of *Chrysoperla carnea* against sucking insect pest's complex of NIAB-III, cotton.
3. Muhammad Javed Niaz, 2006. Triangular relationship among control techniques, resistant varieties and bollworm complex of cotton.
4. Qaisar Abbas, 2006. Triangular relationship among control techniques, resistant varieties and sucking insect pest complex of cotton.
5. Adeel Bashir Bhatti, 2007. Comparative feasibility of various IPM techniques on transgenic and conventional varieties of cotton against bollworm complex
6. Muhammad Waseem Akhtar, 2007. Comparison of chemical and biological control of sucking insect pest complex of sugarcane.
7. Muhammad Imran, 2008. Relative predatory potential of four coccinellid species against cotton mealybug under laboratory and field conditions.
8. Sabir Hussain, 2008. Screening of cotton varieties for resistance against cotton mealybug, *Phenacoccus gossypiphilus* (Hemiptera: Pseudococcidae).
9. Zahid Malook, 2008. Screening of insecticides against cotton mealybug, *Phenacoccus gossypiphilus* (Hemiptera: Pseudococcidae).
10. Abdul Majeed Abid 2008. Predatory potential of some potential predators against cotton mealybug.
11. Ali Raza 2008, Antixenosis and antibiosis mechanisms of resistance in different plants against cotton mealybug.
12. Sana Ullah 2008. Tritrophic interaction among alternative host plants, cotton mealybug and predators.
13. Asif Ali 2008. Effect of different genotypes of cotton on population development of mealybug and its predators.
14. Mehfooz-ul-Haq 2008. Effect of spray of different insecticides on the Tritrophic interaction of host plant mealybug and predators. (in progress).
15. Sajjad Ali, 2009. Effect of heavy metals on silkworm (*Bombyx mori* L.) larvae reared on mulberry (*Morus alba* L.) grown in cobalt impregnated soil.

16. Sabtain Raza, 2010. Relative toxicity of different insecticides against cotton mealybug, *Phenacoccus solenopsis* Tinsley under laboratory and field conditions.
17. Zaffar Hussain, 2010. A survey study for the natural host plants preference and population intensity of cotton mealy bug in varying climatic conditions of Punjab, Pakistan.

| S. No. | Name (Registration No.) | Title | Year | Status |
|--------|-------------------------------------|--|------|-----------|
| 18 | Rao M. Shanraiz 2009-ag-579 | Estimation of variation in population of <i>Pyrilla perpusilla</i> Walker (Lophopidae: Homoptera) and yield components of sorghum associated with integration of nutrient management and chemical control. | 2011 | Completed |
| 19 | Zaeema Khan 2005-ag-1706 | Insecticidal effect of new enhanced diatomaceous earth in combination with <i>Beauveria bassiana</i> and imidacloprid against <i>Rhyzopertha dominica</i> , <i>Triboleum castaneum</i> and <i>Cryptolestes ferrugineus</i> | 2011 | Completed |
| 20 | Hafiz Umair Abbas 2005-ag-1647 | Impact of integration of nutrient management and chemical control on the population dynamics of sucking insects and yield components of Bt and non-Bt cotton. | 2011 | Completed |
| 21 | Hafiz M. Dilshad 2005-ag-1581 | Comparison of acaricidal activity of azocyclotin and chlorfenapyr with some botanical extracts against stored grain mites of family Acaridae (Acari) | 2011 | Completed |
| 22 | Faizan Rafique 2005-ag-1681 | Impact of nutrient application schedules on sucking insect pest infestation and yield components of Bt cotton (Bt-121) under sprayed condition. | 2011 | Completed |
| 23 | Adeel Sarwar (2006-ag-1335) | Efficacy of diatomaceous earth (DE) and fipronil against <i>Periplaneta Americana</i> L. (Dictyoptera: Blattidae). | 2012 | Complete |
| 24 | Umair-ur-Rehman (2005-ag-1653) | Impact of integration of nutrient management and Bt cotton (Bt-121) on its yield component and infestation of chewing insect pests under unsprayed conditions. | 2012 | Complete |
| 25 | Khuram Shahbaz (2010-ag-1045) | Efficacy of different insecticides against cotton jassid <i>Amrasca biguttula</i> (Ishida). | 2012 | Complete |
| 26 | Muhammad Imran (2005-ag-1996) | Impact of integration of nutrient management and chemical control on chewing insect pests and yield component of Bt and non Bt cotton. | 2012 | Complete |
| 27 | Zaigham Mukhtar (2006-ag-2281) | Impact of some IGRs alone or in combination with mineral oil on the mortality and different biological parameter on canola aphid. | 2012 | Complete |
| 28 | M. Jaffar Hussain (2006-ag-2285) | Impact of seed treatment with different insecticides formulation and cover spray of IGRs on the insecticides of Shoot fly and maize borer | 2012 | Complete |
| 29 | M. Arfat Ashraf (2006-ag-2259) | Survey study and bio-assay of Diver® for cotton mealybug and its parasitoids. | 2012 | Complete |
| 30 | M. Arslan Shoukat (2009-ag-517) | The biotransportation of heavy metals in in transport chain of soil-higher-plant-insect focusing on chromium (VI). | 2012 | Complete |
| 31 | M. Jahangir (2006-ag-2289) | <i>Synergistic/antagonistic impact of Diver® (Aliphatic hydrocarbons) on the toxicity of some neonecotinoids,</i> | 2012 | Complete |

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|----|---|--|------|-----------|
| | | spinosyns and avermectin insecticides against canola aphid under lab. Conditions. | | |
| 32 | Anwar-ul-Haq (2006-ag-1960) | Response of chili germplasm against chili leaf curl virus and its management. | 2012 | Complete |
| 33 | Zohaib Ahmed (2006-ag-1943) | Control of leaf rust of wheat through resistant source and chemical. | 2012 | Complete |
| 34 | M. Aleem (2006-ag-1721) | Management of bacterial blight of Bt cotton through botanical extracts and antibodies. | 2012 | Complete |
| 35 | M. Ashfaq (2006-ag-1628) | Role of epidemiological factors for the development of powdery mildew of okra and its management. | 2012 | Complete |
| 36 | M. Aqeel Abbas (2006-ag-2242) | Efficacy of different formulations of IGRs against maize borer (<i>Chilo partellus</i> Swinhoe). | 2013 | Complete |
| 37 | M. Rizwan (2010-ag-838) | Evaluation of toxicity and repellency of some nicotinoids, spynosyn, evermectin insecticides dusky cotton bug. | 2013 | Complete |
| 38 | M. Arslan Khan (2006-ag-1638) | Impact of environmental factors on the development of yellow vein mosaic disease of okra and its management. | 2013 | Complete |
| 39 | Muhammad Awais (2006-ag-1345) | Evaluation of source of resistance in rice germplasm against bacterial leaf blight disease and its management through bio-products. | 2013 | Complete |
| 40 | Munir Ahmad (2007-ag-2601) | Population dynamics of <i>Chilo partellus</i> (Swinhoe) and its parasitoid <i>Cotesia flavipes</i> in maize crop | 2013 | Completed |
| 41 | Ghufran Ahmad (2006-ag-1921) | Comparative efficacy of different formulations of IGRs on sucking insect pests and associated beneficial arthropods fauna on Bt cotton. | 2013 | Completed |
| 42 | Hafiz Sohaib Ahmed Saqib (2007-ag-1920) | Evaluating the impact of different sowing times and abiotic factors on the yield parameters and population dynamics of sucking insect pests of cotton. | 2013 | Completed |
| 43 | Muhammad Junaid Subhani (2007-ag-2031) | Determination of various yield parameters, sucking pests and beneficial insect fauna associated with Bt cotton cultivars and abiotic factors. | 2013 | Completed |
| 44 | Shouket Zaman Khan (2007-ag-2286) | Population Phenology of Asian Citrus Psyllid and Associated Entomophagous Arthropods on Citrus in Punjab, Pakistan | 2013 | Completed |
| 45 | M. Saleem Iqbal (2007-ag-2609) | Some studies on overwintering stages of dusky and red cotton bug, in Jhang and Faisalabad. | 2013 | Completed |
| 46 | Abdur Rauf (2009-ag-581) | Comparative efficacy of granular insecticides versus new chemistry foliar formulations against <i>Chilo partellus</i> Swinhoe and entomophagous arthropods in Maize | 2013 | Completed |
| 47 | M. Atezaz Hussan (2006-ag-1979) | Evaluation of different DG-120 application techniques against melon fruit fly (<i>Bactrocera cucurbitae</i>) in bitter gourd at Faisalabad | 2013 | Completed |
| 48 | Muhammad Aqeel Abbas (2006-ag-2242) | Efficacy of different formulations of insect growth regulators (IGRs) against maize borer (<i>Chilo partellus</i> Swinhoe) | 2013 | Completed |
| 49 | Muhammad Rizwan (2010-ag-838) | Evaluation of toxicity and repellency of some nicotinoid, spynosyn and evermectin insecticides against dusky cotton bug, <i>Oxycarenus hyalinipennis</i> (Costa) (Hemiptera: Lygaeidae: Oxycarenidae) | 2013 | Completed |
| 50 | Abid Hussain (2007-ag-2707) | Effect of IGRs on biology and performance of cotton mealybug, <i>Phenacoccus solenopsis</i> Tinsley (Hemiptera: Pseudococcidae) and its parasitoid, | 2013 | Completed |

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| | | <i>Aenasius bambawali</i> Hayat (Hymenoptera: Encyrtidae) | | |
| 51 | Azhar Iqbal (2007-ag-2425) | Comparative efficacy of pyrethroids and neonicotinoid against dusky cotton bug, <i>Oxycarenus hyalinipennis</i> (Costa) (Hemiptera: Oxycarenidae) | 2013 | Completed |
| 52 | Shahid Iqbal (2007-ag-2723) | Integrated pest management of fruit flies in citrus orchards at Faisalabad district | 2013 | Completed |
| 53 | Muhammad Usman (2011-ag-530) | Laboratory bioassay of some locally available plant extracts against <i>Rhizoglyphus tritici</i> (Acaridae:Acari) | 2013 | Completed |
| 54 | Kashif Nabi (2011-ag-508) | Host-size mediated trade-off in mealybug parasitoid, <i>Aenasius bambawali</i> Hayat (Hymenoptera: Encyrtidae) | 2013 | Completed |
| 55 | Muhammad Musa Khan (2011-ag-716) | The role of morphological and bio-chemical plant characteristics of Bt-cotton imparting resistance against cotton jassid. | 2013 | Completed |
| 56 | Hafiz Muhammad Ishfaq Khalid (2007-ag-2359) | Evaluation of <i>Metarhizium anisoplie</i> and <i>Bacillus thuringiensis</i> for the biological control of maize stem borer, <i>Chilo partellus</i> (Swinhoe) | 2013 | Completed |
| 57 | Muhammad Aleem 2006-ag-1721 | Management of Bacterial Blight of Bt Cotton through Botanical extracts and Antibiotics | 2013 | Completed |
| 58 | Anser Abbas 2007-ag-2519 | Management of Chilli Veinal Mottle Virus (CHVMV) through resistant varieties, plant extracts, nutrients and insecticides | 2013 | Completed |
| 59 | Waqar Asghar 2006-ag-1513 | Response of Rice varieties against <i>Xanthomonas oryzae</i> pv. <i>Oryzae</i> and management through Biopesticides | 2013 | Completed |
| 60 | Muhammad Arslan Khan 2006-ag-1638 | Impact of Environmental factors on the development of Yellow Vein Mosaic Disease of Okra and its management | 2013 | Completed |
| 61 | Muhammad Akif Sajjad 2007-ag-2557 | Identification of Epidemiological factors responsible for Anthracnose of Chillies caused by <i>Collectotrichum capsici</i> (Syd.) Butler & Bisby and its management through fungicides | 2013 | Completed |
| 62 | Moaz Bin Riaz 2006-ag-1339 | Fungi associated with seeds of different Canola and Sarson varieties and their integrated management | 2013 | Completed |
| 63 | Maria Amin 2007-ag-2375 | Effect of Macronutrients and Micronutrients on the reproduction of Root Knot Nematodes (<i>Meloidogyne incognita</i>) in Eggplant | 2013 | Completed |
| 64 | Tamsal Murtaza 2007-ag-2110 | Determination of <i>Meloidogyne incognita</i> damage potential on different vegetable crops | 2013 | Completed |
| 65 | Muhammad Awais 2006-ag-1345 | Evaluation of sources of resistance in rice germplasm against Bacterial Leaf Blight Disease and its management through Bio-products | 2013 | Completed |
| 66 | Ghulam Fareed 2007-ag-2134 | Management of Fusarium Wilt of Cucumber through Diverse Germplasm, Plant Activators and Chemicals | 2013 | Completed |
| 67 | M. Mohsan Ayub (2007-ag-2597) | Laboratory assessment of variations in the performance of some insecticides against field population of <i>Phenacoccus solenopsis</i> (Hemiptera: Pseudococcidae) | 2013 | Completed |
| 68 | Wajeed-ud-Din (2008-ag-2043) | Impact of different IGRs on various biological parameters of guava fruit fly, <i>Bactrocera correcta</i> (Diptera: Tephritidae) | 2014 | Completed |
| 69 | Muhammad Imtiaz (2008-ag-2573) | Loss Assessment due to Insect Pest in Cotton (<i>Gossypium hirsutum</i> L.), Maize (<i>Zea mays</i> L.), Rice (<i>Oryza sativa</i> L.) and Sugarcane (<i>Sacharam officinarum</i> L.) | 2013 | Completed |
| 70 | Irfan Ahmad Khan (2008-ag-1711) | Diversity and abundance of Hymenoptera in cotton and rice crops under recommended regimes | 2014 | Completed |

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|----|---|---|------|-----------|
| 71 | Waqar Nadeem Qureshi (2008-ag-2585) | Assessment of damage caused insects in okra (<i>Abelmoschus esculantus</i> L.), bottle gourd (<i>Lagenaria siceraria</i> L.), cabbage (<i>Brassica oleracea</i> L.) and Cauliflower (<i>Brassica oleracea</i> L.) | 2014 | Completed |
| 72 | Amjad Majeed Pasha (2007-ag-2749) | Impact of male density and food sources on the progeny development of cotton mealybug, <i>Phenacoccus solenopsis</i> (Hemiptera: Pseudococcidae) | 2014 | Completed |
| 73 | Muhammad Shahid (2008-ag-1831) | Comparative efficacy of some larvicides and adulticides against <i>Aedes albopictus</i> and <i>Culex quinquefasciatus</i> (Diptera: Culicidae) | 2014 | Completed |
| 74 | Zeeshan Ali Khalid (2006-ag-1938) | Evaluate the performance of three application techniques for aqueous extracts of some indigenous plants against melon fruit fly (<i>Bactrocera cucurbitae</i>) in bitter gourd | 2013 | Completed |
| 75 | Muhammad Yasir Farooq (2007-ag-2353) | Efficacy of different insecticides against mango fruit fly using bait method in mango orchards at district Layyah | 2014 | Completed |
| 75 | Shafqat Siddique (2008-ag-1946) | Laboratory evaluation of toxicity of some insecticides against adults of stink bug, <i>Coridius janus</i> (Hemiptera: Dinidoridae) | 2014 | Completed |
| 77 | Muhammad Asif Akram (2008-ag-2014) | Effect of fungicidal treatment on seed borne mycoflora and germination during storage in maize | 2014 | Completed |
| 78 | Tanzila Jabeen (2008-ag-2287) | Evaluation of citrus germplasm and antibiotics/chemicals against <i>Xanthomonas axonopodis</i> pv. <i>Citri</i> and its biochemical characterization | 2014 | Completed |
| 79 | Sharoon Eric Sandhu (2008-ag-2245) | Management of downy mildew of cucumber through diverse germplasm, chemicals and plant extracts | 2014 | Completed |
| 80 | Kanwal Fatima (2007-ag-2171) | Identification of resistant in lentil germplasm against Fusarium wilt in relation to epidemiological factors | 2014 | Completed |
| 81 | Muhammad Fahad (2008-ag-2463) | Role of biochemical factors in development of early blight of potato and its management through plant extracts and chemicals | 2014 | Completed |
| 82 | Javed Iqbal (2008-ag-1774) | Search of resistance source and physico-chemical studies on white mold (<i>Sclerotinia sclerotiorum</i>) of Berseem | 2014 | Completed |
| 83 | Irshad Ahmad (2008-ag-1697) | Management of early blight of potato through systemic acquired resistance (SAR) and nutrients | 2014 | Completed |
| 84 | Amna Ikram (2008-ag-1594) | Biochemical and environmental factors responsible for development of powdery mildew disease of pea and its management through nutrition and systemic acquired resistance | 2014 | Completed |
| 85 | Saima Naureen (2008-ag-2565) | Evaluation of rice germplasm and antibiotics/chemicals against <i>Xanthomonas oryzae</i> pv. <i>oryzae</i> and its biochemical characterization | 2014 | Completed |
| 86 | Muhammad Sarfraz (2008-ag-1575) | Management of late blight of potato through chemicals, nutrition, systemic acquired resistance and its impact on yield | 2014 | Completed |
| 87 | Aamna Mustanir (2007-ag-2160) | Effects of different moisture levels on development of <i>Meloidogyne incognita</i> on brinjal and its management through <i>Penicillium</i> spp. | 2014 | Completed |
| 88 | M. Yahya Khan | Morphological and biochemical characters of brinjal | 2015 | Completed |

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|-----|------------------------------------|---|------|-----------|
| | (2013-ag-948) | (<i>Solanum melongena</i>) imparting resistance against whitefly (<i>Bemisia tabaci</i>) | | |
| 89 | Waheed-ul-Hassan (2013-ag-1328) | Impact of some new chemistry insecticides formulations on tritrophic interaction of Bt-cotton cultivars, bollworms-complex and natural enemies in field and mortality-survival fitness of dusky and red cotton bugs in laboratory | 2015 | Completed |
| 90 | M. Shahid (2009-ag-2658) | Impact of different nutrient management protocols on the bottom-up and top-down associated components of wheat, aphid and entomophagous-insect based tritrophic food web | 2015 | Completed |
| 91 | M. Saeed (2009-ag-2793) | Seasonal population dynamics of insect pests and their natural enemies in different production system of cabbage (<i>Brassica oleracea</i>) | 2015 | Completed |
| 92 | M. Arif (2008-ag-3043) | Efficacy of neonicotinoids and botanicals on the development of <i>Chrysoperla carnea</i> (Neuroptera: Chrysopidae) | 2015 | Completed |
| 93 | Qasim Bashir (2013-ag-378) | Role of physic-morphic and biochemical plant character of okra in imparting resistance against thrips and whitefly | 2015 | Completed |
| 94 | Iqra Naeem (2007-ag-2112) | Evaluation of moringa (<i>Moringa oleifera</i>) leaves extract on the development of citrus nematode (<i>Tylenchulus semipenetrans</i>) | 2015 | Completed |
| 95 | Awais Murtaza (2008-ag-1613) | Management of fusarium wilt of chilli through diverse germplasm and chemicals | 2015 | Completed |
| 96 | Waqas Ahmed Khan | Biochemical markers for the identification of citrus canker disease and its management through induced resistance | 2015 | Completed |
| 97 | Rafia Saif (2014-ag-8418) | Endophytic potential evaluation of <i>Trichoderma</i> and <i>Bacillus</i> species for the management of insect pests of okra | 2016 | Completed |
| 98 | Danish Saleem (2010-ag-3143) | Evaluation of insecticidal impact of some fungal and bacterial based microbial pesticides against <i>Phenacoccus solenopsis</i> Tinsley | 2016 | Completed |
| 99 | Umm-e-Rubab (2010-ag-3344) | Determination of feeding preference and damaging potential of dusky cotton bug (<i>oxycarenus hyalinipennis</i>) on seeds of different plant species | 2016 | Completed |
| 100 | Muhammad Gohar Khan (2013-ag-1412) | Efficacy of some botanicals and IGRs against larvae and pupae of <i>Aedes aegypti</i> (Diptera: Culicidae) in lab conditions | 2016 | Completed |
| 101 | Naveed Nawaz (2007-ag-2689) | Insecticidal potentials of some plant extracts against wheat aphids | 2016 | Completed |
| 102 | Sajjad Manzoor (2011-ag-3298) | Repellent and insecticidal potentials of some plant extracts against fruit flies | 2016 | Completed |
| 103 | M. Zeeshan (2014-ag-1530) | Impact of lure-source, trap-colour and trap-height on the monitoring of fruit fly in citrus. | 2016 | Completed |
| 104 | Sana Javed (2010-ag-3146) | Effect Of Heavy Metals Treated Mulberry (<i>Morus alba</i> L.) leaves on the development of silkworm (<i>Bombyx mori</i> L.) | 2016 | Completed |
| 105 | Ayesha Saeed (2014-ag-2443) | Monitoring heavy metal contamination in roadside dust of Faisalabad-Sargodha road | 2016 | Completed |
| 106 | Javearia Liaqat (2006-ag-1597) | Monitoring heavy metal contamination in roadside plants of Faisalabad-Sargodha road | 2016 | Completed |

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|-----|---|--|------|-------------------------|
| 107 | Nida Javed (2014-ag-2442) | Bioremediation of glyphosate herbicide using pure culture and bacterial isolates from glyphosate maize field | 2016 | Completed |
| 108 | Fazal Karim (2010-ag-3648) | Development and reproduction of <i>Chrysoperla carnea</i> (Neuroptera: Chrysopidae) raised on <i>Bemisia tabaci</i> (Homoptera: Aleyrodidae) fed transgenic and non-transgenic cotton | 2016 | Completed |
| 109 | M. Saqib (2014-ag-8402) | Antagonistic/synergistic effects of entomopathogenic fungi <i>Baeuveria bassiana</i> and bacterial <i>Bacillus thuringiensis</i> species against insect pests of rice | 2016 | Completed |
| 110 | Arslan Asghar (2009-ag-2884) | Impact of transgenic and non-transgenic cotton feeding <i>Aphis gossypii</i> (Homoptera: Aphididae) on <i>Coccinella septempunctata</i> (Coleoptera: Coccinellidae) development and reproduction | 2016 | Completed |
| 111 | Agha Muhammad (2015-ag-223) | Study the impact of different entomopathogenic fungi on the incidence of insect pests and entomophagous arthropods in onion crops | 2017 | Completed |
| 112 | Hafiz Sultan Salhudin (2011-ag-3645) | Tritrophic effect of entomopathogenic fungus, <i>Beauveria bassiana</i> on wheat aphid and its natural enemies | 2017 | Completed |
| 113 | Asif Javed (2011-ag-3343) | Tritrophic effect of entomopathogenic fungus, <i>Metaehizium anisopliae</i> on wheat aphid and its parasitoids | 2017 | Completed |
| 114 | M. Awais Zahid (2012-ag-2897) | Evaluate endophytic and control potential of some entomopathogenic fungi-oils suspension and their application techniques against <i>Chilo partellus</i> and <i>Atherigona soccata</i> | 2017 | Research is in progress |
| 115 | Fazal Hussain (2016-ag-1961) | Determination of combined ETLs for rice borers and leaf-folder by artificial damage induction method | 2017 | Research is in progress |
| 116 | Sana Saeed | Evaluate biological fitness of <i>T. chilonis</i> on different hosts, host-densities under various temperature and photoperiod regimes. | 2017 | Research is in progress |
| 117 | Hafsa Iqbal | In-vitro and In-vivo evaluation of selectivity of some biorationals for <i>T. chilonis</i> Under laboratory conditions | 2017 | Research is in progress |
| 118 | Atteq-ur-Rehman 2012-ag-3355 | Effect of nutrient manipulation on the biology of aphid and associated predatory beetle. | 2017 | Research is in progress |

***SEVENTY MORE STUDENTS WHO COMPLETED DEGREE DURING 2018, 2019, 2020, 2021, 2022, 2023 AND 2024 AND ELEVEN ARE IN HAND AND THEIR M.Sc. RESEARCH PROJECTS ARE IN PROGRESS.

23. Ph.D. STUDENTS SUPERVISED

As Supervisor/Committee-Chairmen

| Sr. No | Student Name (Regd. No.) | Year | Thesis Title | Status |
|--------|-----------------------------------|----------------|---|-------------|
| 1 | M. Junaid Nisar (2007-ag-2570) | 2020 | Evaluation of biopesticide and IGRs based food-bait station(s) for the suppression of <i>Bactrocera zonata</i> in mango orchards | Completed |
| 2 | Mubashar Iqbal (2007-ag-2635) | 2020 | Microbial control of melon fruit fly, <i>Bactrocera cucurbitae</i> (Diptera: Tephritidae) in bitter gourd | Completed |
| 3 | Rabia Ramzan (2018-ag-25) | 2020 to onward | Appraisal of liquid and solid formulation of effective entomopathogenic fungus for integrated management of <i>Spodopters frugiperda</i> (G.E. Smith) (Lepidoptera: | In progress |

| | | | | |
|---|---------------------------------------|-------------------|---|-------------|
| | | | Noctuidae) | |
| 4 | Aqsa Shareef (2017-ag-4558) | 2021 to onward | Evaluation of histopathological and toxicological impacts of insecticide mixtures on animal models | In progress |
| 5 | Ms. Muaza Hafeez (2022-ag-2505) | 2022 to onward | Histopathological, Hematological and Biochemical Changes in Pesticides Exposed Rohu (<i>Labeo rohita</i>) | In progress |

As Committee Member

| Sr. No | Student Name (Regd. No.) | Year | Thesis Title | Status |
|--------|--------------------------------------|---------------|---|------------------------------------|
| 1 | M. Noor-ul-Ane 2007-ag-493 | 2010 | Bio-ecology and management of cotton bollworm <i>Helicoverpa armigera</i> (Lepidoptera: Noctuidae) | Completed |
| 2 | Rafique Shahid | 2015 | Studies on mechanisms of resistance in different host plants against cotton mealybug <i>Phenacoccus solenopsis</i> Tensley (Pseudococcidae: Hemiptera) | Completed |
| 3 | Waqas Ahmad (2002-ag-1579) | 2016 | Salinity induced changes in cabbage and their amelioration by K and 5-ALA | Completed |
| 4 | Rana Muhammad Sabir Tariq | 2016 | Determination of Physico-chemical alterations in tomato due to CMV and role of elicitors against the infection | Completed |
| 5 | Muhammad Ashfaq | 2019 | Loss assessment and management of fruit flies in citrus orchards | Completed |
| 6 | Usman Arshad (2009-ag-2995) | 2016- 2020 | Exploring the potentials of biochar for management of root knot nematodes in tomato and its effects on activation of defense related genes | Completed |
| 7 | Shamim Akhtar (1997-ag-1349) | 2023 | Studies on rearing, population dynamics and management of pink bollworm, <i>Pectinophora gossypiella</i> Saunders (Gelechiidae: Lepidoptera) | Completed |
| 8 | Shoukat Zaman Khan (2007-ag-2286) | 2019 | Screening of commercially grown citrus cultivars for citrus greening disease in Pakistan, Phenology and management of Asian citrus psyllid (<i>Diaphorina citri</i>), the vector of citrus greening | Thesis submitted & results awaited |
| 9 | Miss. Iqra (2013-ag-3608) | 2021 | Synergistic interaction of <i>Meloidogyne</i> spp. and <i>Fusarium</i> spp. in chili and its integrated management | In progress |
| 10 | Syed Shams Ullah (2016-ag-387) | 2021 | Surveillance and characterization of root-knot nematodes associated with tunnel grown cucumber in blochistan and their management through different strategies | In progress |
| 11 | M. Huzaifa Tanveer 2015-ag-7042 | 2021 | Surveillance, molecular characterization and management of bacterial leaf blight of rice under different sowing regimes | In progress |
| 12 | Ms. Kaynaat Akbar 2017-ag-890 | 2021 | Toxicological and histopathological risk assessment of insecticide mixtures on different model organisms | In progress |

24. **RESEARCH ABSTRACTS PUBLISHED IN NATIONAL CONFERENCES / CONGRESSES/SYMPOSIA / PROCEEDINGS.**

1. **Gogi, M.D.**, M. Ashfaq, S.Ahmad and S.Sarwar, 2004. Some studies on the degree of resistance in different locally collected strains of *Trogoderma granarium* (everts) against different grain protectants of organophosphate and pyrethroids groups of insecticides.Fourth International Congress of Entomological Sciences,22-23 September,2004.Pakistan Entomological Society, Univ.Agtic.Faisalabad.p:56.
2. Arif, M.J., A.Suhail, **M.D. Gogi**, K. Zia and F. Hafeez, 2006.Integrated Pest Management Of Wheat in Pakistan. International Wheat Seminar, 20-21 February,2006.Wheat Research Institute,Faisalabad,Pakistan.p:76.
3. Abbas, G., M.J. Arif, H. Karar, and **M.D. Gogi**, 2007. Critical analysis of practical constraints in study and mass conservation of beneficial insect fauna in Pakistan. International Conference on “Biological resources of Pakistan: problems, success and future perspectives”, 25-27 April, 2007, University of Arid Agriculture, Rawalpindi. P.1.
4. Arif, M. J., S. Hussain, M.R. Shahid, G. Abbas and **M. D. Gogi**, 2008. In-Vivo and In-vitro bioassay of potential insecticides against mealybug: A cotton worse catastrophe in **Pakistan**. Proceeding of 2nd Congress on Insect Science.pp-125.
5. Arif, M.J., **M.D. Gogi**, S. Ullah, M.R. Shahid and A.M. Abid, 2008. Impact of integration of different cotton genotypes and doses of nitrogen fertilizer on sucking insect pest complex of cotton. International Symposium on “Modern Approaches and Techniques in Agriculture to Ensure Food Security in Pakistan” by Khan, I.A. and A.A. Chatha (eds.), Faculty of Agriculture, **University of agriculture Faisalabad**. P: 39.
6. Arif, M.J., **M.D.Gogi**, A. Rehman, M.R. Shahid and A.M.Abid, 2008. Integration of various advanced cotton genotypes and *Chrysoperla Carnea* (Chrysopidae: Neuroptera) as a sustainable IPM approach for sucking insect pest complex of cotton. International Symposium on “Modern Approaches and Techniques in Agriculture to Ensure Food Security in Pakistan” by Khan, I.A. and A.A. Chatha (eds.), Faculty of Agriculture, **University of agriculture Faisalabad**. P: 39.
7. Shahid, M.R., M.J. Arif, **M.D. Gogi**, A.M. Abid and S. Ullah, 2008. Relative resistance among different cotton cultivars against whitefly adult and nymph population. International Symposium on “Modern Approaches and Techniques in Agriculture to Ensure Food Security in Pakistan” by Khan, I.A. and A.A. Chatha (eds.), Faculty of Agriculture, **University of agriculture Faisalabad**. P: 41.
8. Arif, M.J., M.R. Shahid, **M.D. Gogi**, A.M. Abid and G. Abbas, 2008. Effect of insect growth regulators buprofezin and lufenuron against two major insect pest of cotton: whitefly (*Bemisia tabaci*) and american bollworm (*Helicoverpa armigera*). International Symposium on “Modern Approaches and Techniques in Agriculture to Ensure Food Security in Pakistan” by Khan, I.A. and A.A. Chatha (eds.), Faculty of Agriculture, **University of agriculture Faisalabad**. P: 41.
9. **Gogi, M.D.**, M. Ashfaq, M.J. Arif and M.R. Shahid, 2008. Evaluation of repellence/ deterrence potential of different botanical extract against melon fruit fly, *Bactrocera cucurbitae* (Tephritidae: Diptera) under laboratory and field condition. International Symposium on “Modern Approaches and Techniques in Agriculture to Ensure Food Security in Pakistan” by Khan, I.A. and A.A. Chatha (eds.), Faculty of Agriculture, **University of agriculture Faisalabad**. P: 40.
10. **Gogi, M.D.**, M. J. Arif, M. Ashfaq and M.R. Shahid, 2008. Management of melon fruit fly, *Bactrocera cucurbitae* (Tephritidae: Diptera) with adult food bait in bitter gourd *Momordica charantia* crop: An alternative management strategy to chemical control of melon fruit fly. International Symposium on “Modern Approaches and Techniques in Agriculture to Ensure Food Security in Pakistan” by Khan, I.A. and A.A. Chatha (eds.), Faculty of Agriculture, **University of agriculture Faisalabad**. P: 40.
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12. Arshad, M., A. Suhail, **M.D. Gogi**, and Zain-ul-Abdin, 2011. Seasonal pattern of infestation by spotted boll worm *Earias insulana* (Boisd.) and Pink Boll worm *Pectinophora gossypiella* (Saund.) in field plots of Transgenic Bt and Non- Bt cottons. 31st Pakistan congress of zoology (International Congress) April, 19th to 21st, 2011, University of Azad Jammu Kashmir, Muzaffarabad, Pakistan. PP. 86.
13. Arshad, M., A. Suhail, Zain-ul-Abdin and **M.D. Gogi**, 2011. Efficacy of transgenic Bt cotton against *Helicoverpa armigera* (Lepidoptera: Noctuidae) in the Punjab, Pakistan. 31st Pakistan congress of zoology

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 22. Amjad, M., M.H. Bashir, M.Afzal, **M.D. Gogi**, M.A. Khan and B.S. Khan, 2012. Evaluation of some acaricides against two spotted spider mites *Tetranychus urticae* Koch (Acari: tetranychidae) under laboratory and field conditions on cotton, 32nd Pak. Cong. Zool. (International). March 6-8, 2012. GC University, Lahore.
 23. Arshad, M., A. Suhail, **M.D. Gogi** and M.H. Bashir, 2012. Field evaluation Bt cotton against *Helicoverpa armigera* (Lepidoptera: Noctuidae), 32nd Pak. Cong. Zool. (International). March 6-8, 2012. GC University, Lahore.
 24. Bashir, M.H., M.A. Khan, **M.D. Gogi**, M. Arshad and N. Ilyas, 2012. Biological activity of methanolic extracts of some locally available plants against stored grain mite *Rhizoglyphus tritici* (Acari: Acaridae), 32nd Pak. Cong. Zool. (International). March 6-8, 2012. GC University, Lahore.
 25. Khan, M.A., **M.D. Gogi**, M.H. Bashir, M.I. Bhatti and A. Ali, 2012. Impact of varieties and weather factors in infestation of Maize stem borer *Chilo partellus* (Swinhoe) on Maize, 32nd Pak. Cong. Zool. (International). March 6-8, 2012. GC University, Lahore.
 26. Khan, M.A., M.A. Khan, M.H. Bashir, **M.D. Gogi** and M.A. Rasheed, 2012. Efficacy of light equipped powered sucker and insect killer in cotton against spotted Bollworm (*Earias* pp.) and Army worm (*Spodoptera litura*), 32nd Pak. Cong. Zool. (International). March 6-8, 2012. GC University, Lahore.
 27. Khan, S.Z., M.J. Arif, **M.D. Gogi**, M.S. Hoddle and A. Anwar, 2013. Population phenology of Asian citrus psyllid and associated entomophagous arthropods on citrus in Punjab, Pakistan. 2nd Postgraduate Entomological Research Conference (PGERC) (Arif, M.J. and M. Sagheer eds.), June 08-09, 2013. 6 p.

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30. Abbas, G., M.J. Arif, **M.D. Gogi**, Ch.Z. Tahir and M.M. Khan, 2013. Pest survey, losses assessment and biorational management of dusky cotton bug, *Oxycarenus hyalinipinnus* Cost (Hemiptera: Oxycareninae). 2nd Postgraduate Entomological Research Conference (PGERC) (Arif, M.J. and M. Sagheer eds.), June 08-09, 2013. 14 p.
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32. Ahmed, M., and **M.D. Gogi**, 2013. Population dynamics of *Chilo partellus* (Swinhoe) and its parasitoid *Cotesia flavipes* in maize crop. 2nd Postgraduate Entomological Research Conference (PGERC) (Arif, M.J. and M. Sagheer eds.), June 08-09, 2013. 27 p.
33. Khan, M.A., A. Ali, M. M. Khan, **M.D. Gogi**, C.Z. Thahir, I. Nadeem and G. Abbas 2013. Role of morphological and biochemical characteristics of Bt cotton cultivars imparting resistance against cotton jassid *Amrasca bigutella* (Ishid). 2nd Postgraduate Entomological Research Conference (PGERC) (Arif, M.J. and M. Sagheer eds.), June 08-09, 2013. 28 p.
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37. Sufyan, M., M.J. Arif, **M.D. Gogi**, M. Arshad, F. Mustafa and A. Nawaz, 2014. Loss assessment due to insect pests in cotton, maize, rice and sugarcane. In: M. Fareed Khan, M. Khalid Javed, M. Farooq, Shahid Iqbal and Masood A. Shakir (eds.), "Agriculture, Food security and Climate Change", 5th International Conference on organized by University of Poonch Rawalakot and Pakistan Agricultural Scientist Forum from September 9-11, 2014. 184 p.
38. Sufyan, M., M.J. Arif, **M.D. Gogi**, M. Arshad, A. Nawaz and F. Mustafa, 2014. Population dynamics of wheat aphids and their natural enemies associated with stripe-intercropping in wheat crop. In: M. Fareed Khan, M. Khalid Javed, M. Farooq, Shahid Iqbal and Masood A. Shakir (eds.), "Agriculture, Food security and Climate Change", 5th International Conference on organized by University of Poonch Rawalakot and Pakistan Agricultural Scientist Forum from September 9-11, 2014. 184 p.
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53. Sufyan, M., M.J. Arif, **M.D. Gogi** and A. Nawaz, 2016. Development of *Coccinella septempunctata* L. (Coleoptera: Coccinellidae) raised on wheat and canola aphids. AgroVet Conference 2016 organized by Agro-Vet Forum Pakistan at Khayyam Baquet Hall, Sargodha Road, Faisalabad (Pakistan) on April 24, 2016. 52 p.
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111. **Muhammad Dildar Gogi**, Abdur Rauf, Rabia Ramzan, Muhammad Jalal Arif, Muhammad Hamid Bashir, Rashad Rasool Khan, Muhammad Ahsan Khan, Shahid Majeed. Comparative efficacy of granular insecticides versus new chemistry foliar formulations against chilo partellus swinhoe and entomophagous arthropods in maize. 4th international conference on smart plant protection organized by institute of plant protection, MNS-University of Agriculture, Multan, Pakistan on October 30-31, 2024. 74 p.
112. **Muhammad Dildar Gogi**, Muhammad Imran Ashraf, Rabia Ramzan, Muhammad Jalal Arif, Muhammad Hamid Bashir, Rashad Rasool Khan, Muhammad Ahsan Khan, Abid Ali. Impact of biofertilizer application for the host plant resistance of chickpea (Cicer arietinum) and lentil (Lens culinaris) on different insect pests. 4th international conference on smart plant protection organized by institute of plant protection, MNS-University of Agriculture, Multan, Pakistan on October 30-31, 2024. 76 p.
113. **Muhammad Dildar Gogi**, Muhammad Zahid, Rabia Ramzan, Muhammad Jalal Arif, Muhammad Hamid Bashir, Rashad Rasool Khan, Muhammad Ahsan Khan, Muhammad Sufian. Persistence of different insecticides formulations against mustard aphid, (Lipaphis erysimi Kalt.) (Homoptera: Aphididae). 4th international conference on smart plant protection organized by institute of plant protection, MNS-University of Agriculture, Multan, Pakistan on October 30-31, 2024. 77 p.

114. **Muhammad Dildar Gogi**, Muhammad Saeed Ahmed Shan, Rabia Ramzan, Muhammad Jalal Arif, Muhammad Hamid Bashir, Rashad Rasool Khan, Muhammad Ahsan Khan, Zain Ul Abidin. Laboratory bioassay of some indigenous botanical extracts against *Bactrocera correcta* (guava fruit fly). 4th international conference on smart plant protection organized by institute of plant protection, MNS-University of Agriculture, Multan, Pakistan on October 30-31, 2024. 78 p.
115. Muhammad Hamid Bashir, Kiran Liaqat, **Muhammad Dildar Gogi**, Muhammad Ahsan Khan, Rashad Rasool Khan, Shahid Majeed. Comparative efficacy of plant extracts and green synthesized zinc oxide nanoparticles against larvae of the house fly *Musca domestica* (Diptera: Muscidae). 4th international conference on smart plant protection organized by institute of plant protection, MNS-University of Agriculture, Multan, Pakistan on October 30-31, 2024. 83 p.
116. Muhammad Shahid Amin, Rashad Rasool Khan, Aqsa Riaz, Muhammad Arshad, Muhammad Umair Sial, **Muhammad Dildar Gogi**, Muhammad Adnan Raza, Umm E Ummara, Ayesha Parveen, Tehrim Liaqat. Efficacy of different herbicides on soil inhabiting arthropods in maize field. 4th international conference on smart plant protection organized by institute of plant protection, MNS-University of Agriculture, Multan, Pakistan on October 30-31, 2024. 140 p.

26. POPULAR ARTICLES/ TALKS/ESSAYS/REVIEWS/ BROCHURES

URDU/ENGLISH ARTICLES

1. Dr. Jalal Arif and **M.D. Gogi**. Better Policy and Control of Insect Pests is Needed for More Production of Mango. daily express, Faisalabad, 18 March, 2006. (Urdu Article)
2. Dr. Jalal Arif and **M.D. Gogi**. Report: workshop on "Integrated Pest Management With Special Reference to Biological Control". Zari Digest published for September to November, 2003. p:78. (Urdu Article)
3. Arif, M.J. and **M.D. Gogi** and Gulzar Ahmad. "Wheat Aphid and its Control". Zari Digest published for December, 2004. p:26.
4. **M.D. Gogi**, Dr. Jalal Arif and Khuram Zia. "Control of Leaf Minor Attacking on Vegetables and Crops Sown in Green House". Zari Digest published for December, 2004. p:44.
5. **M.D. Gogi**, and Dr. Jalal Arif. "Review of Insect Pest of Mango and Their Control". Zari Digest published for March, 2006. p:67-70.
6. **M.D. Gogi**, and Dr. Jalal Arif. "Insect Pest of Maize and Their Control". Zari Digest published for June-August, 2006. p:13-15.
7. Urdu article entitled "**GF-120 AUR PHEL KI MAKHI KA TADARAK (GF-120 and Control of Fruit Fly)**" was published in Rabi Kisan Mela Number (October-December, 2012) of Zari Digest published by Agriculture Extension and Rural Development, University of Agriculture, Faisalabad. 39-42 pp.
8. Urdu article entitled "**DUSKY COTTON BUG: TAARAF AUR TADARAK (Dusky Cotton Bug: Introduction and Control)**" was published in Jashn-e-Baharan Number (January-March, 2013) of Zari Digest published by Agriculture Extension and Rural Development, University of Agriculture, Faisalabad. 46-48 pp.
9. Urdu article entitled "**AAM KAY PHEL KI MAKHI KA MARBOOT TAREQA-E-INSAD (Integrated Control of Mango Fruit Fly)**" was published in Jashn-e-Baharan Number (January-March, 2013) of Zari Digest published by Agriculture Extension and Rural Development, University of Agriculture, Faisalabad. 51-53 pp.
10. Urdu article entitled "**FRUIT FLY KY CONTROL KARNEY KY MARBOOT TARAQY (Integrated Pest Management of Fruit Fly)**" was published in issue of July-September, 2014 of Zari Digest published by Agriculture Extension and Rural Development, University of Agriculture, Faisalabad. 39-41 pp.
11. Urdu article entitled "**CANOLA KI FASAL PER SUST TELAY KA HAMLA AUR USKA TADARAK (Attack of aphid on canola crop and its control)**" was published in issue of October-December, 2014 of Zari Digest published by Agriculture Extension and Rural Development, University of Agriculture, Faisalabad. 17-19 pp.
12. Urdu article entitled "**PHAL KI MAKHI KI AHMIAT AUR TADARAK (Importance of fruit fly and control)**" was published in issue of October-December, 2014 of Zari Digest published by Agriculture Extension and Rural Development, University of Agriculture, Faisalabad. 29-30 pp.

13. Urdu article entitled “**KINNO KA KEERA: NUQSAAN AUR TADARAK (Insect of Citrus: Damage and Control)**” was published in issue of October-2015 to March-2016 of Zari Digest published by Agriculture Extension and Rural Development, University of Agriculture, Faisalabad.
14. Published an Urdu article entitled “**SABZIUN AUR PHALLON KY FOWAIDS (USAGES OF VEGETABLES AND FRUITS)**” in Nida-e-Kisaan.
15. Urdu article entitled “**KPAS KY AHM KERAY AUR UNKA KA INSDAD (Important Insect pests of cotton and their control)**” was published in issue of July-September 2016 of Zari Digest published by Agriculture Extension and Rural Development, University of Agriculture, Faisalabad. 11-20 pp.
16. Urdu article entitled “**MAKAEI KY TANAY KI SUNDI (Stem borer of maize)**” was published in issue of July-September 2016 of Zari Digest published by Agriculture Extension and Rural Development, University of Agriculture, Faisalabad. 21-22 pp.
17. Published an Urdu article entitled “**ZARAR RASAAN KEERON KY HAAYATIATI INSDAD MEIN KHORDBEENI JARSOOMON KA ISTMAAL (Use of microscopic organisms in the biological control of insect pests)**” in Zaraet Naama May 1, 2016, 55(9): 17-18.
18. English article published by Sufyan, M., A. Abbasi, **M.D. Gogi** and A. Nawaz, 2016. on “**Pollinators Decline: A Threat to World Food Supply**” in Volume 7, Issue 30 of Weekly Technology Times 2016.
19. Publishes an Urdu article on “Insect pest of soybean and their management” (**SOYBEAN KY NUQSAAN DEH KEERAY AUR UNKA INSDAAD**) as part of a multi-author Urdu manual on soybean cultivation (**SOYBEAN KI KAASHT**).
20. Publishes an Urdu article on “Integrated and biological control of insect pest of Sugarcane” (**KAMMAAD KY NUQSAAN DEH KEERON KA MARBOOT AUR HEYATIATI TAREEQ-E-INSDAD**) as part of a multi-author Urdu manual on Sugarcane cultivation (**KAMMAAD KI KAASHT**).
21. Publishes an Urdu article on “Insect pest of cotton and their management” (**KAPAAS KY NUQSAAN DEH KEERAY AUR UNKA INSDAAD**) as part of a multi-author Urdu manual on cotton cultivation (**KAPAAS KI KAASHT**).
22. Publishes an Urdu article on “Insect pest of vegetables and their management” (**SABZEYON KY NUQSAAN DEH KEERAY AUR UNKA INSDAAD**) as part of a multi-author Urdu manual on vegetables cultivation (**SABZEYON KI KAASHT**).
23. An Urdu article on “**PAKISTAN MEIN ZARI ADVIAT KI DRAMED MOOZER ESRAAT AND ISTAMAAL MEIN IHTIATEIN**” was published in Zari Digest, 2017.
24. An Urdu article on “**PAKISTAN MEIN RESHAM SAAZI KI SANAT, TAQABLI JAEZA, DERPEESH MUSHKLAAT AND UNKA KA HAL**” was published in Zari Digest, 2017.
25. English article published by Asim Abbasi, Sufyan, M., Hasnain Sajjad, **M. D. Gogi** and A. Nawaz (2017). Silicon augmented resistance against plant stresses. Technology Times. 22 July 2017. <http://www.technologytimes.pk/silicon-augmented-resistance-against-plant-stresses/>
26. Urdu article entitled “**GULABI SUNDI KA TAARAF AUR TADARAK (Introduction and control of pink bollworm)**” was published in Zari Digest published by Agriculture Extension and Rural Development, University of Agriculture, Faisalabad.
27. Urdu article entitled “**GULABI SUNDI AUR SAFEED MAKHI: KAPAS AUR MOEESHAT KELIAY AIK AHM KHATRA (Pink bollworm and whitefly: An important threat to cotton and economy)**” was published in Mahana Kisaan Resala, April-Issue, 2018.
28. Urdu article entitled “**GULABI SUNDI KA TUAARAF AUR TADARAK (Introduction and control of pink bollworm)**” was published in issue of January-March 2019 of Zari Digest published by Agriculture Extension and Rural Development, University of Agriculture, Faisalabad. 42-47 pp.
29. Urdu article entitled “**ZARAAT MEIN NUQSAN DEH KIREY MAKORON KY TADARAK KEYLIYEH PUSH AND PULL HIKMAT-E-AMLI KA KARDAR (Role of Push-and-Pull strategy for the control of agricultural insect pests)**” was published in issue of July-September 2019 of Zari Digest published by Agriculture Extension and Rural Development, University of Agriculture, Faisalabad. 55-56 pp.
30. An urdu article published on “**دھان کے نقصان دہ کیڑے اور ان کا تدارک**” in Zari Digest (April-June 2022) quarterly published by Office of University Books & Magazines, UAF. 57(2):32.
31. An urdu article published on “**پنجاب کے شہری اور دیہاتی علاقوں میں گھریلو باغبانی کا فروغ**” in Zari Digest (January-March 2022) quarterly published by Office of University Books & Magazines, UAF. 57(1):20.
32. An urdu article published on “**ٹڈی دل کی موجودگی اور روک تھام کیلئے اقدامات**” in Zari Digest (April-June 2022) quarterly published by Office of University Books & Magazines, UAF. 57(2):22.

33. An urdu article published on “فـال آرمـى ورم كا مكى كى فصل مىن نقصان اور سدباب” in Zari Digest (April-June 2022) quarterly published by Office of University Books & Magazines, UAF. 57(2):26.
34. An urdu article published on “گهرىلو باغبانى مىن انسٹرمشروم كى كاشت كيلنے سفارشات” in Zari Digest (July-September 2022) quarterly published by Office of University Books & Magazines, UAF. 57(3):13.
35. An urdu article published on “گهر كى مكى كى نقصانات اور تدارك” in Zari Digest (October-December 2022) quarterly published by Office of University Books & Magazines, UAF. 57(4):74.

BROCHURES/MANUALS

1. Brochure entitled “**DEEMAK KA TADARAK: AMARAT KA DEEMAK KAY HAMLAY SE BACHAWO KASEY MUMKAN HY? (Control of Termite: How can the building be protected from the attack of termite?)**” was published for community awareness and services.
2. Brochure entitled “**KAPAS KI MEALYBUG KA MARBOOT TARIQA-E-INSAD (Integrated Control of Cotton Mealybug)**” was published for awareness and services of farming community for control of cotton mealybug.
3. Brochure entitled “**PHAL KI MAKHI KA MARBOOT TARIQA-E-INSAD (Integrated Control of Fruit Fly)**” was published for awareness and services of farming community for control of fruit flies.
4. An Urdu Brochure published on “پنجاب كے شہرى اور ديہى علاقوں مىن گهريل باغبانى كا فروغ” (Popularization of Home Gardening in Urban and Pri Urban Areas of Punjab)
5. An Urdu Brochure published on “گلابى سنڈى كا تعارف اور تدارك” (Introduction and control of pink bollworm) by the Office of University Books and Magazines, UAF.
6. Published an Urdu booklet/ Brochure on “Cultivation of cotton” (كپاس كى كاشت) by Office of the University Books and Magazines, UAF.
7. An English brochure written on “Desert Locust: *Schistocerca Gregaria*) in collaboration with Ministry of National Food Security and Research, Islamabad, Pakistan
8. A laboratory Manual for Mass Rearing of Pink Bollworm (*Pectinophora gossypiella*) on artificial diet (English)
9. Published an Urdu article on “سبزیات كے نقصان دہ كیڑے اور ان كا تدارك” (Insect pests of vegetables and their control) in an Urdu booklet on “Cultivation of Vegetables” (سبزیوں كى كاشت) for the guidelines and services to the farmer’s community-
10. Published an Urdu booklet on “گلابى سنڈى كا تدارك” (Control of pink bollworm) for the consultancy, guidelines, and services to the farmer’s community.
11. Published an Urdu booklet on “صحرائى ٹڈى دل” (Desert Locust) for the consultancy, guidelines, and services to the farmer’s community.
12. Published an Urdu booklet on “باغات، سبزیات اور ہوم گارڈ ننگ مىن پهل كى مكیوں كا تدارك” (Control of fruit flies in orchards, vegetables and home gardening) for the consultancy, guidelines, and services to the farmer’s community and home gardeners.
13. Published an English Brochure on “Control of fruit flies in orchards, vegetables and home gardenin” for the consultancy, guidelines, and services to the farmer’s community and home gardeners.

TALKS

- Radio talk on “fruit fly control with pheromone traps” at Radio Pakistan, Faisalabad Station on November, 2013.
- TV Talk on “Silkworm rearing: A profitable cottage industry” for SAMA TV Pakistan on 18th December, 2013.
- TV TALK on fruit flies and economic losses for SAMA TV Pakistan (2019).
- Talk about food security on **92-NEWS, CITY-41, NAI-BAAT, SAMA** (2019).
- During 2019-20, Talk on **ARY, 92-NEWS, CITY-41, NAI-BAAT, DAILY EXPRESS, SAMA** about following topics:
 - a. Situation of cotton decline in Pakistan
 - b. Economic loss of cotton due to pink bollworm & whitefly
 - c. Suggestions & solutions for better cotton production
 - d. Use of technologies to control of pink bollworm (PB ropes installation)

SUBMITTED/ IN-PRESS**BOOK-CHAPTER**

1. Nawaz, A., **M.D. Gogi** and M. safyan, 2016. Inset-pests in dry land agriculture and their integrated management. In: Farooq, M. and K.H.M. Siddique (Eds.), Innovations in Dryland Agriculture. Springer International Publishing AG, Gewerbestrasse 11, 6330 Cham, Switzerland. 143-186 pp.
2. Arif, M.J., W. Wakil, **M.D. Gogi**, R.R. Khan, M. Arshad, M. Sufyan, A. Nawaz, A. Ali and S. Majeed, 2018. Trends in sustainable management of emerging insect pests. In: Khan, I.A. and M.S. Khan (eds.), Developing Sustainable Agrculture in Pakistan. Boca Raton, FL: CRC Press, Taylor & Francis Group, LLC, London, New York. 417-484 pp.
3. Arif, M.J., **M.D. Gogi**, A. Nawaz, M. Sufyan, R.R. Khan and M. Arshad, 2018. Input Supplies: The Starring Role of Pesticide Inputs in Agricultural Productivity and Food Security. In: Khan, I.A. and M.S. Khan (eds.), Developing Sustainable Agrculture in Pakistan. Boca Raton, FL: CRC Press, Taylor & Francis Group, LLC, London, New York. 209-242 pp.
4. Ahmad Nawaz, Muhammad Sufyan, **Muhammad Dildar Gogi**, and Muhammad Wajid Javed, 2019. Sustainable Management of Insect-Pests. In: Farooq, M. and M. Pisante (eds.), Innovation in Sustainable Agriculture. Springer Nature Switzerland AG, Gewerbestrasse 11, 6330 Cham, Switzerland, ISBN 978-3-030-23168-2. 287-336 pp.
5. **Gogi, M.D.**, A. Nawaz, M. Safian, R.M. Sarfraz and O.E. Liburd, 2022. Biorational approaches in pest management. In: In: Arif, M.J., J.E. Foster and J. Molina-Ochoa (eds.), Sustainable Insect Pest Management. ISBN 978-969-8237-91-2. MAS Computers, Press Market, Aminpur Bazar, Faisalabad, Pakistan. © University of Agriculture, Faisalabad, Pakistan. 231-283 pp.
6. Arif, M.J., **M.D. Gogi**, M. Sufian, A. Nawaz and R.M. Sarfraz, 2022. Principles of insect pests' management. In: In: Arif, M.J., J.E. Foster and J. Molina-Ochoa (eds.), Sustainable Insect Pest Management. ISBN 978-969-8237-91-2. MAS Computers, Press Market, Aminpur Bazar, Faisalabad, Pakistan. © University of Agriculture, Faisalabad, Pakistan. 17-47 pp.
7. Arif, M.J., M. Sufyan, A. Nawaz, **M.D. Gogi** and A. Ali 2022. Insect Pest Management. In: In: Arif, M.J., J.E. Foster and J. Molina-Ochoa (eds.), Sustainable Insect Pest Management. ISBN 978-969-8237-91-2. MAS Computers, Press Market, Aminpur Bazar, Faisalabad, Pakistan. © University of Agriculture, Faisalabad, Pakistan. 1-16 pp.
8. Nawaz, A., **M.D. Gogi**, M. Sufyan, M.J. Arif and M. Plantegenest, 2022. Integrated Insect Pest Management Strategies for Major Vegetables Crops. In: Arif, M.J., J.E. Foster and J. Molina-Ochoa (eds.), Sustainable Insect Pest Management. ISBN 978-969-8237-91-2. MAS Computers, Press Market, Aminpur Bazar, Faisalabad, Pakistan. © University of Agriculture, Faisalabad, Pakistan. 161-202 pp.
9. Ahmad Nawaz, **Muhammad Dildar Gogi**, Muhammad Sufyan, Muhammad Arshad, Qurban Ali, Muhammad Tayyib, Muhammad Rafiq Shahid, Fatima Razzaq and WenWu Zhou, 2022. Advances in Nanobiotechnology as Sustainable Solutions for Insect Pest Management. In: Tanda, A.S. (eds) Advances in Integrated Pest Management Technology. Springer, Cham. PP. 421-455.
10. **Muhammad Dildar Gogi**, Muhammad Jalal Arif, Rabia Ramzan, Ahmad Nawaz, Muhammad Hamid Bashir, 2024. Insect Pests of Summer Fodder Crops: Field Identification and Control. In: Imran ul Haq, Siddra Ijaz, Hayssam Ali (eds.), Sustainable Summer Fodder: Production, Challenges, and Prospects. 1st edition, ISBN: 978-1-003-26580-1 (ebk). CRC Press, Taylor & Francis Group, Boca Raton. UK. 159-191 pp.

ABSTRACT-BOOK/MANUALS

1. Ahmed, S., A. Ali, R.R. Khan, **M.D. Gogi**, M. Sagheer and M. Safyan, 2016. Abstract Book for International Entomological Congress (one exclusive day on current scenario and management of pink bollworm) organized by Pakistan Entomological Society from December 16-18, 2016 at UAF.
2. Ahmed, S., W. Akram, E. Cheema, M. Sagheer, W. Wakil, **M.D. Gogi**, M. Arshad, J.N. Ahmad, M. Safyan, A. Ali, 2019. Abstract Book for International Entomological Congress organized by Pakistan Entomological Society from April 08-10, 2019 at UAF.
3. Ali, A., S. Saeed, W. Ling, M.J. Arif, W. Peng, **M.D. Gogi** and M. Ishtiaq, 2018. Laboratory Manual for Mass rearing of Pink Bollworm (*Pectinophora gossypiella*) on Artificial diet.

28. DETAILS OF RESEARCH PROJECTS AS PI OR CO-PI.:

| Project Title | Duration | Grant Amount | Funding Agency |
|---|----------|---|---|
| Survey of Entomophagous Insects in different cropping belts of Punjab (As Co. PI). | 1 year | 0.08 million Rs. | Higher Education Commission (HEC) |
| Systematic, biological, ecological studies and management of cotton mealy bug (As Co. PI). | 3 years | 0.14 million Rs. | Higher Education Commission (HEC) |
| Biosystematic, Eco-biology and Management of dusky cotton bug as a growing threat for cotton crop in Punjab, Pakistan. (As Co. PI). | 3 years | 0.19 million Rs. | Pakistan Academy of Sciences (PAS) |
| Refinement of sericulture technology and its dissemination for the alleviation of rural poverty. (As PI). | 3 years | 5.858 million Rs. | Higher Education Commission (HEC) |
| Development of biopesticide/chemosterilant based food-bait station (s) for the suppression of fruit flies in fruit orchards. (As PI). | 3 years | 3.09 million Rs. | Higher Education Commission (HEC) |
| A comprehensive integrated scientific approach for the development of sustainable management strategies of Pink Bollworm (<i>Pectinophora gossypiella</i>) (As Co. PI). | 3 years | 36.178422 Million Rs. | Punjab Agricultural Research Board (PARB) |
| Management of whitefly by integrated strategies and development of resistant cotton germplasm through genetic engineering (As Co. PI). | 3 years | 39.612914 Million Rs. | Punjab Agricultural Research Board (PARB) |
| Lossess assessment and management of fruit flies in citrus” (in progress) (As Co. PI). | 3 years | 3.56 million Rs. | Higher Education Commission (HEC) |
| Olfactory response and host plant feeding preferences of desert locust to common plants in Punjab Province of Pakistan. (in progress) (As Co. PI). | 3 years | 64.88 million Rs.] | HEC (GCF-HEDP World Bank) |
| Popularization of home gardening in urban and peri urban areas of Punjab (in progress) (As PI). | 3 years | [Total budget: Rs. 8.035 million] PI Budget: 1.612 million Rs. | Endowment Fund Secretariat (EFS) |
| Establishment of Low Fruit Fly Prevalence Zone (LFFPZ) at UAF-Main campus (As PI) | 3 years | 3.841 million Rs. | Endowment Fund Secretariat (EFS) |
| Quality Seed Production and Supply to the Farming Community for Ensuring Food Security in Pakistan [Domain 5: Seed Insect Management (SIM) Lab] | 3 years | 38.685 Million Rs. | Ministry of Science and Technology |

