



ZAHID MEHMOOD

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● ABOUT ME

Entomologist have MSc (Hons) degree and work experience in different chemical companies and also in Entomology Laboratory as a researcher during degree and have extra skills like Microsoft Office and freelance experience.

● EDUCATION AND TRAINING

18/03/2021 – 10/04/2023 BAHAWALPUR , Pakistan

MSC (HONS) ENTOMOLOGY The Islamia University of Bahawalpur

1. Insect in Relation to Plant Disease
2. Medical and Veterinary Entomology
3. Insect Molecular Biology
4. Biological Control of Plant Pathogen
5. Insecticide toxicology
6. Techniques for testing insecticides

Website <https://www.iub.edu.pk> | **Field of study** Agriculture Entomology | **Final grade** 3.71/4.00 |

Thesis Impact of kaolin, plant extracts and their synergistic effects against Spodoptera frugiperda in spring maize

06/02/2017 – 26/02/2021 BAHAWALPUR, Pakistan

BSC (HONS) ENTOMOLOGY The Islamia University of Bahawalpur

1. Insect Morphology
2. Principles of Insect Taxonomy
3. Insect Behavior
4. Insect Physiology
5. Agriculture pest and their Management
6. Integrated Pest Management
7. Agriculture and Environmental Pollution

Website <https://www.iub.edu.pk> | **Field of study** Agriculture | **Final grade** 3.86/4.00 |

Thesis Damage assessment of stored grain pests against rice grains types and wheat

01/08/2014 – 17/09/2016 BAHAWALPUR, Pakistan

INTERMEDIATE/ FSC BISE BAHAWALPUR

1. Physics
2. Chemistry
3. Biology

Website <https://www.bisebwp.edu.pk/> | **Field of study** Science | **Final grade** 862/1100

1. Physics
2. Chemistry
3. Biology

Website <https://www.bisebwp.edu.pk/> | **Field of study** Science | **Final grade** 904/1100

● **WORK EXPERIENCE**

 **ACCUTEQ PEST MANAGEMENT SERVICES** – LAHORE , PAKISTAN

ENTOMOLOGIST – 06/01/2025 – 31/08/2025

1. Pest Identification & Classification
2. Integrated Pest Management (IPM) Development
3. Monitoring & Surveillance
4. Pesticide Evaluation & Recommendation
5. Training & Technical Support

 **ISMART GROUP OF INDUSTRIES** – ISLAMABAD, PAKISTAN

ASSISTANT MANAGER SALES & MARKETING – 31/07/2023 – 22/10/2023

1. Perform company task and duties during office time.
2. Manage Clients meeting with the Manager.
3. Experience as a sale team and works on Investment Management.
4. Perform duties of outstation meetings with clients and providing the company business details.

 **WWF PAKISTAN** – BAHAWALPUR, PAKISTAN

FIELD SURVEY COORDINATOR – 01/04/2022 – 31/03/2023

1. Did pest scouting on cotton crop.
2. Educated the farmers to control the insect pests timely using Integrated Pest Management.
3. Monitor the field facilitator in the field during working hours.
4. Report to the project Supervisor after visiting the field and informed the status of farmers about the project.

 **FIVE STAR CORPORATION** – BAHAWALPUR, PAKISTAN

ADMIN ASSISTANT – 01/04/2020 – 01/04/2021

1. Management of the office
2. Overseeing clerical tasks, such as sorting and sending mail.
3. Keeping an inventory of office supplies and ordering new materials as needed.
4. Maintaining files.
5. Ensuring the office runs smoothly

 **GLOBAL CROP SCIENCE** – BAHAWALPUR , PAKISTAN

TRAINEE SALE OFFICER – 07/05/2018 – 31/12/2018

1. Did pest scouting on cotton crop.
2. Educated the farmers to control the insect pests timely using Integrated Pest Management.
3. Used Pheromone traps to capture and biocontrol the Armyworm from the cotton field.
4. Inspected Fall Armyworm in maize crop.
5. Inspected insect pests and diseases in rice crop.

📄 REMOTE (UPWORK) – CALIFORNIA , UNITED STATES

Website <https://www.upwork.com/>

Link <https://www.upwork.com/freelancers/~014e72ffcc5e1938d4>

MARKET RESEARCH ANALYST – 22/08/2023 – 28/12/2023

With my recent completion of an Agriculture Market Research Project on Upwork, focusing on the market research of Almond and Walnut of California and their market value in various countries.

LANGUAGE SKILLS

Mother tongue(s): **URDU**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	B1	B1	B2	B2	B2
PUNJABI	C1	B2	C1	C1	B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

SKILLS

Microsoft | Digital Literacy | Freelancing | Microsoft Word | Mendeley Desktop | Statistix 8.1 | Microsoft Excel | Microsoft Powerpoint

PUBLICATIONS

2023

EVALUATION OF KAOLIN, PLANT EXTRACTS AND THEIR SYNERGISTIC EFFECTS AGAINST FALL ARMYWORM, SPODOPTERA FRUGIPERDA (LEPIDOPTERA; NOCTUIDAE) LARVAE

Maize, *Zea mays*, is a significant cereal crop in Pakistan, ranking 3rd among cereals in terms of its production. It is one of the most important cereal crops in the country, grown for both human consumption and animal feed. Its production is adversely affected by various factors, particularly insect pests cause heavy economic damage to it. One of the most destructive and invasive pests of maize is the fall armyworm, *Spodoptera frugiperda*. Its infestation causes significant economic damage to the crop. Kaolin (5 and 2.5%) and plant extracts (10, 5, and 3%) including neem, tobacco and eucalyptus were used against 3rd instar larvae of *S. frugiperda* to observe their toxic effect.

BIODIVERSITY AND MEDICINAL PLANTS: A WAY FORWARD TO SUSTAINABLE DEVELOPMENT (BMP-SD-2023) 14TH -16TH DECEMBER 2023

2022

Damage assessment of stored grain pests against rice grains types and wheat.

Susceptibility of three grains types namely brown rice, white rice and wheat was evaluated against *Rhyzopertha dominica* F. (Coleoptera: Bostrichidae), *Trogoderma granarium* E. (Coleoptera: Dermestidae) and *Tribolium castaneum* Herbst (Coleoptera: Tenebrionidae) in terms of percent weight loss and survival of these pests under laboratory conditions.

Dr. Muhammad Waqar Hassan

CONFERENCES AND SEMINARS

28/11/2022 – 29/11/2022 <https://www.iub.edu.pk/>

1st International Conference on Climate Change

The First International Conference on Climate Change organized by Institute of Agro Industry and Environment, Faculty of Agriculture and Environment, the Islamia University of Bahawalpur has started at Baghdad ul Jadeed Campus.

● HONOURS AND AWARDS

2019

Scholarship – Punjab Benevolent Fund

Awarded merit Scholarship from the Punjab Benevolent Fund.

2018

PM Laptop – The Islamia University Of Bahawalpur

Awarded PM Laptop on merit basis.

● RECOMMENDATIONS

Dr. Waqar Hassan Supervisor

Associate Professor
Department of Entomology, Faculty of Agriculture and Environment
The Islamia University of Bahawalpur

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