

Publications:

1- Research Papers:

A-Submitted & Under Revision

1. **Rizwan M**, Atta B, Rizwan M, Tahir M, Resistance development in brown planthopper (*Nilaparvata lugens* Stål) against some synthetic insecticides. **The Journal of Animal and Plant Sciences**
2. Ali MY, Naseem T, Arshad M, Ashraf I, **Rizwan M**, Tahir M, Rizwan M, Sayed S, Ullah MI, Khan RR, Amir MB, Pan MZ, Liu TX, 2021. Host-plant variations affect the biotic potential, survival and population projection of *Myzus persicae* (Hemiptera: Aphididae). **INSECTS**
3. Ali MY, **Rizwan M**, Atta B, Ashraf I, Arshad M, Tahir M, Rizwan M, Sabir AM, Shehzadi N, Khalid UB, Iqbal S, Pan MZ, Liu TX, 2021. The comparison of inside relative humidity and temperatures of hermetic and polypropylene bag for wheat grain storage under different agro-climatic conditions of Pakistan: Effect on seed quality and protection against insect pests. **Journal of Stored Product Research**
4. **Rizwan M**, Atta B, Sayed S, Rizwan M, Ullah MI, Arshad M, Sabar AM, Khalid UB, Iqbal S, 2021. Planting geometry and nutrition induced changes in rice plants: effects on brown planthopper (*Nilaparvata lugens* Stål) (Homoptera: Delphacidae). **Biotechnology, Agronomy and Society and Environment**

B-Accepted

1. Rizwan M, **Rizwan M**, Atta B, Arshad M, Tahir M, Akhter S, Sabir AM, 2020. Sublethal dose impact of lambda cyhalothrin on lifetable parameters of Ladybird Beetle *Coccinella septempunctata* (Coleoptera: Curculionidae) reveals tolerance in field population. **Pakistan Journal of Zoology**

C- Published

1. **Rizwan M**, Atta B, Rizwan M, Sabir AM, et al **2021**. Silicon plays an effective role for Rice Leaf folder (*Cnaphalocrocis medinalis* Guenee) management. **Pakistan Journal of Zoology**
2. **Rizwan M**, Atta B, Rizwan M, Ashraf I, Arshad M, Tahir M, Ali M, Sabir AM, Bilal M, Ali MY, **2021**. Do neonicotinoids better than pyrethroids for *Coccinella septempunctata* L. (Coleoptera: Coccinellidae)? A comparative sub-lethal indirect Age-Stage, Two-Sex life Tables laboratory bioassay. **International Journal of Tropical Insect Science**.
3. Arshad M, M.I Ullah, R. R. Khan, A. Shamshad, M.Tahir, S Anjum, **M. Rizwan**, **2020**. Demographic parameters of the reduviid predator, *Rhynocoris marginatus* (Reduviidae: Hemiptera) fed on two lepidopterous insect pests. **Biocontrol**
4. **Rizwan, M.**, B. Atta et al., **2020**. An Annotated List of Planthoppers with Alternate Hosts from Kallar Tract of Punjab, Pakistan. **Punjab University Journal of Zoology**.
5. Atta, B., **M. Rizwan** et al., **2020**. Lethal and sublethal effects of clothianidin, imidacloprid and sulfoxaflor on the wheat aphid, *Schizaphis graminum* (Hemiptera: Aphididae) and its coccinellid predator, *Coccinella septempunctata*. **International J of tropical Insect Science**.
6. Arshed, M., M.I. Ullah, U. Shahid, M. Tahir, M. I. Khan, **M. Rizwan** et al. **2020**. Life table and demographic parameters of the coccinellid predatory species, *Hippodamia convergens* Guérin-Ménéville (Coleoptera: Coccinellidae) when fed on two aphid species. **Egypt J Biol Pest Control**.
7. Atta, B., **M. Rizwan** et al., **2020**. Toxic and Repellent Characteristics of Some Plant Extracts used against *Tribolium castaneum* (Herbst) (Coleoptera: Tenebrionidae) Improve the Grain Quality of Stored Wheat. **Journal of Innovative Sciences**.
8. Atta, B., **M. Rizwan**, A.M. Sabir, M.A. Ayub, M.F. Akhtar, M.B. Ayub, S. Nadeem, 2019. Comparative incidence and abundance of aphids and their associated predators on canola in Pakistan. **Pakistan Entomologist**. 41(2): 174-152.

9. Bilal A, **Rizwan M**, Sabir AM, Gogi MD, Farooq MA, Batta YA, 2019. Efficacy of entomopathogenic fungi against Brown planthopper *Nilaparvata lugens* (Stål) (Homoptera: Delphacidae) under controlled conditions. **Gesunde Pflanzen**. <https://doi.org/10.1007/s10343-019-00490-6>
10. Bilal A, **Rizwan M**, Sabir AM, Gogi MD, Ali K, 2019. Damage potential of *Tribolium castaneum* (Herbst) (Coleoptera: Tenebrionidae) on wheat grains stored in hermetic and non-hermetic storage bags. **International Journal of Tropical Insect Science**. <https://doi.org/10.1007/s42690-019-00047-0>
11. Atta, B., **M. Rizwan**, A. M. Sabir, M. D. Gogi, and M. Ayub, 2019. Silicon mediated induced resistance in plants for the management of agricultural insect pests: a review. **World Journal of Biology and Biotechnology**, 4(1):19-28.
12. **Rizwan, M.**, B. Atta, M. Rizwan, A. M. Sabir, Z. U. Shah and M. Hussain, 2019. Effect of the entomopathogenic fungus, *Beauveria bassiana*, combined with diatomaceous earth on the red flour beetle, *Tribolium castaneum* (Herbst) (Tenebrionidae: Coleoptera). **Egyptian Journal of Biological Pest Control**, 29:27.
13. **Rizwan, M.**, B. Atta, M. Yaqub, A. M. Sabir and A. Qadir, 2019. Evaluation of the entomopathogenic fungi as a non-traditional control of the Rice leaf roller, *Cnaphalocrocis medinalis* (Guenee) (Lepidoptera: Pyralidae) under controlled conditions. **Egyptian Journal of Biological Pest Control**.
14. S. Ahmar, N. Liaqat, M. Hussain, M. A. Salim, M. A. Shabbir, M. Y. Ali, H. A. Noushahi, M. Bilal, B. Atta and **M. Rizwan**, 2019. Effect of Abiotic Stresses on Brassica Species and Role of Transgenic Breeding for Adaptation. **Asian Journal of Research in Crop Science**. 3 (1): 1-10.
15. M. Bilal, M. Hussain, M. Umer, N. Ejaz, H. A. Noushahi, B. Atta and **M. Rizwan**, 2019. Population Incidence and Efficacy of Chemical Control against Rice Leafroller (*Cnaphalocrocis medinalis* Guenee) (Pyralidae: Lepidoptera). **Asian Plant Research Journal**. 2 (2):1-7.
16. H. A. Noushahi, M. Hussain, M. Bilal, M. A. Salim, F. Idrees, M. Jawad, **M. Rizwan**, B. Atta and K. Tanveer, 2019. Improving Phosphorus Use Efficiency

by Agronomical and Genetic Means. **World Journal of Agricultural Sciences** 15 (2): 47-53.

17. M. Hussain, M. Yasir Ali, M. Umer, N. Ejaz, M. Bilal, M. A. Salim, H. A. Noushahi, B. Atta and **M. Rizwan**, 2018. Study of Paddy Stem Borers Population Dynamics and Influencing Environmental Factors through Light Trap. **Asian Journal of Research in Crop Science**. 2 (4):1-10.
18. Bilal, A., **M. Rizwan**, A.M. Sabir, M. Yaqub and M. Akhter, 2018. Field evaluation of rodenticides treated baits for the effective control of field rats in rice crop. **World journal of Agricultural Sciences** 14(5): 137-143.
19. K. Ali, M. Sagheer, M. U. Hasan, C. M. S. Hanif, S. Malik, **M. Rizwan** and A. Rashid, 2017. Medicinal response of *Moringa olifera* and *Nicotiana tabacum* as repellent and toxicant against *Trogoderma granarium* and *Rhyzopertha dominica*. **Z. Arznei-Gewurzpfla** 22(3): 132-135.

2- Presentations in Scientific Congresses/ Conferences

1. Sabir, A. M., M. Akhter, Z. U. Shah, M. Rizwan, B. Atta, A. Qadir and M. Asghar, 2017. *Nilaparvata lugens* (Homoptera: Delphacidae): Potential threat to the sustainable rice production in the Punjab, Pakistan. 1st International Conference on Emerging trends in Zoology. Univ. Sargodha, Sargodha, Pak. Pp: 21.
2. Akhter, M., A. M. Sabir, Z. U. Shah, M. Rizwan, B. Atta, T. H. Awan and U. B. Khalid, 2017. Occurrence of planthoppers in core area of the Punjab, Pakistan. 1st International Conference on Emerging trends in Zoology. Univ. Sargodha, Sargodha, Pak. P: 42- 43.
3. Sabir, A. M., M. Akhter, A. Qadir, M. Rizwan and M. Asghar, 2017. *Trifolium alexandrinum*: A New Off- Season Host Record of Rice Planthoppers in Rice Growing Areas. 1st International Conference on Climate Change and Biodiversity (IC3B) in Cholistan Institute of Desert Studies (CIDS), The Islamia University of Bahawalpur Pakistan on May 2-4.

4. Sabir, A. M., M. Rizwan, M. Akhter, and K. Ali, 2017. A study of paddy stem borer population dynamics and its influence factors through light trap Pak. Nat. Confer. Challenges and Opportunities to boost agriculture in Changing Climate, College of Agriculture, BZU, Bahadur Sub- Campus, Layyah, Pakistan, Pp:68.
5. Sabir, A. M., M. Akhter, A. Qadir, M. Rizwan and M. Asghar, 2017. Spatial distribution of rice planthoppers in district Sheikhpura and Gujranwala in the Punjab, Pak. Nat. Confer. Challenges and Opportunities to boost agriculture in Changing Climate, College of Agriculture, BZU, Bahadur Sub- Campus, Layyah, Pakistan. Pp: 70.
6. Rizwan, M., A. M., Sabir, C. M. S. Hanif and K. Ali, 2017. Associating environmental factors impact on leaf folder Populations using light catches. Pak. Nat. Confer. Challenges and Opportunities to boost agriculture in Changing Climate, College of Agriculture, BZU, Bahadur Sub- Campus, Layyah, Pakistan, Pp:90.
7. Rizwan, M., M. Akhter, A. M., Sabir, K. Ali and M. Atif, 2017. Population incidence and chemical control of rice leaf folder. Pak. Nat. Confer. Challenges and Opportunities to boost agriculture in Changing Climate, College of Agriculture, BZU, Bahadur Sub- Campus, Layyah, Pakistan, Pp:91.
8. Sabir, A. M., M. Akhter, A. Qadir, M. Rizwan and M. Asghar, 2017. Menace of rice planthoppers in the Punjab, Pakistan. February 28-March 2, Abstr. PC- 60, pp: 372.
9. Sabir, A. M., M. Akhter, M. Rizwan, M. Ijaz and A. Qadir, 2016. Pest insects of rice crop in the Punjab, Pakistan. Intern. Conger. Entomol., 16-18 Dec., UAF, Pak., pp:35.
10. Rizwan, M., A. M. Sabir, I. Haider, M. U. Hassan, M. Sagheer and K. Ali, 2015. Evaluation of insecticidal potential of *Eucalyptus camaldulensis* and *Melia azedarach* against red rust flour beetle (*Tribolium castaneum* Herbst). 35th Pakistan Congress of Zoology. UK, Karachi, Pak., March 1- 4. Abstr. PC- 16, pp: 88.

11. Haider, I., A. M. Sabir, M. Akhter and M. Rizwan, 2015. Effectiveness of insecticides for the control of whitebacked planthopper (*Sogatella furcifera* Horvath) under field conditions in the Punjab, Pakistan. 35th Pakistan Congress of Zoology. UK, Karachi, Pak., March 1- 4. Abstr. PC- 34, pp: 98.
12. Haider, I., A. M. Sabir, M. Rizwan, M. Kamran and M. Akhter, 2014. Scenario of dengue eradication programme in Tehsil Ferozwala, District Sheikhupura: A new approach. 34 Pakistan Congress of Zoology. BZU, Multan, Pak., February 25- 27. Abstr. CBGP- 80, pp: 51.
13. Sabir, A. M., M. Akhter, A. Qadir, I. Haider, M. Rizwan and S. Zia, 2014. Feeding Behaviour of Leafhopper (*Cnaphlocrosis medinalis* Gn.) and rice germplasm preference. 34th Pakistan Congress of Zoology. BZU, Multan, Pak., February 25- 27. Abstr. PC- 15, pp: 132- 133.
14. Haider, I., A. Suhail, A. M. Sabir and M. Rizwan, 2013. Predatory efficacy of different larval instars of *Chrysoperla carnea* (Steph.) on cotton jassid (*Amrasca devastans* Dist.) in laboratory conditions. Agriculture in Arid Environment: Food security in Arid Environment. BZU, Bahadur Sub-Campus, Layyah, Pak., March 25- 26. p: 39- 40.
15. Rizwan, M, M. Hassan, M. Sagheer, A. M. Sabir and I. Haider, 2013. Insecticidal activity of acetone extracts of *Eucalyptus camaldulensis* and *Melia azadarach* against *Tribolium castaneum* (Herbst). Agriculture in Arid Environment: Food security in Arid Environment. BZU, Bahadur Sub-Campus, Layyah, Pak., March 25- 26. pp: 40.
16. Sabir, A. M., M. Akhter, I. Haider and M. Rizwan, 2013. Integrated pest management of rice (*Oryza sativa* L.) crop in the Punjab, Pakistan. Agriculture in Arid Environment: Food security in Arid Environment. BZU, Bahadur Sub- Campus, Layyah, Pak., March 25- 26. pp: 41.
17. Sabir, A. M., M. Akhter, I. Haider, M. Rizwan and A. Qadir, 2013. Evaluation of rice germplasm against stem borers and leafhopper in the Punjab, Pakistan. International Seminar on Entomological Challenges

in Pakistan and their Sustainable Management. March 23, Entomol. Res. Inst., AARI, Faisalabad, Pak. Pp: 23.

18. Sabir, A. M., M. Akhter, I. Haider, M. Rizwan and A. Qadir, 2013. Field Evaluation of Rice Germplasm on the Basis of Feeding Behaviour of Leafroller (*Cnaphlocrosis medinalis* Gn.). Intl. Confer. Crop Management in Changing Climate" February 11-13, Univ. Agric., Faisalabad, Pakistan. Pp: 167.

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