Dr. Bashir Ahmad

Professor

Research Publications (Total: 57)	1. Shahid Sattar, **Bashir Ahmad**, Muhammad Salim and Imtiaz Khan. (2026). Comparative efficacy of some low-cost techniques for monitoring fruit flies (Diptera: Tephritidae) in guava orchards in Pakistan. International Journal of Pest Management. (Impact Factor: 1.5, Quartile: Q2, HEC Status: W Category). DOI: https://doi.org/10.1080/09670874.2026.2747876 2. **Ahmad, B**., Khan, I., Bhatti, I. B., Khan, M. A., Abdul Latif, Mushtaq, M., Pirzado, S. M., & Ejaz-ul-Haq. (2026). Efficacy of Different Insecticides in Tomato Field against Aphid, Myzus Persicae (Sulzer). *Indus Journal of Bioscience Research*, *4*(51), 116-119. https://doi.org/10.70749/ijbr.v4iS1.3157 3. Salim M., A. Qadar, A.U.R. Saljoqi, S.S. Khan, A. Usman, H. Khan, S.A. Khan, **B. Ahmad** and A. Gokce. 2025. Effects of different seed dressers and varietal response of maize against maize stem borer, *Chilo partellus* (swinhoe) (lepidoptera: pyralidae) infestation. *Sarhad Journal of Agriculture*, 41(2): 842-851. **DOI** | https://dx.doi.org/10.17582/journal.sja/2025/41.2.842. 4. Salim, M., Arsalan Arif, Muhammad Ayaz, Ahmad Ur Rahman Saljoqi, AyhanGökçe, Haroon Khan, Shahid Sattar, **Bashir Ahmad** and Shah Alam Khan. 2025. Impact of synthetic insecticides on the life table parameters of *Trichogramma chilonis* under laboratory conditions. *Sci Rep* **15**, 3900. (2025). https://doi.org/10.1038/s41598-025-87153-x 5. Ijaz Ullah, **Bashir Ahmad**, Imtiaz Khan, Mansoor Khan, Manzoor Ahmed, Abdul Latif, Mohammad Zubair and Asad Ur Rahman. 2024. Management of Jassid, Amrasca Biguttula (Hemiptera: Cicadellidae), Through Synthetic and Botanical Insecticides and Its Effects on Associated Natural Enemies in Okra Crop. INDUS JOURNAL OF BIOSCIENCE RESEARCH. https://induspublishers.com/IJBR ISSN: 2960-2793/ 2960-2807 6. Imtiaz Khan, **Bashir Ahmad**, Ahmad Ur Rahman Saljoqi, & Javed Khan. (2024). Efficacy of different IPM tool against *Pyrilla perpusilla* under laboratory and field conditions. *Journal of Population Therapeutics and Clinical Pharmacology*, *31*(4), 1366–1382.DOI. https://doi.org/10.53555/jptcp.v31i4.5811.' 7. Wajih Ullah, **Bashir Ahmad**, Javed Khan, Imtiaz Khan, Said Hussain Shah, Abdollah Karami and Misbahud din. 2023. Life table attributes and feeding efficiency of *Oenopia sauzeti* (Mulsant) (Coleoptera: Coccinellidae) fed on aphid (*Aphis gossypii*). Pakistan Journal of Science, 75(2): 235-243. DOI| https://dx.doi.org/10.57041/pjs.v75i02.869. 8. Imtiaz Khan, **Bashir Ahmad**, Ahmad Ur Rahman Saljoqi, Shah Alam Khan, Javed Khan and Muhammad Azim Khan. 2023. Population trend of sugarcane leafhopper, *Pyrilla perpusilla* on different sugarcane varieties with biotic and abiotic factors. Sarhad Journal of Agriculture, 39(2): 495-509. DOI| https://dx.doi.org/10.17582/journal.sja/2023/39.2.495.509. 9. Ahmad-Ur-Rahman Saljoqi, Imtiaz Khan, Ijaz Ahmad, Javed Khan, Shahid Sattar, **Bashir Ahmad** Khan and Muhammad Salim. 2023. Potential of *Chrysoperla carnea* (Stephens) (Neuroptera: Chrysopidae) fed on aphid, *Myzus persicae*

(Sulzer) (Hemiptera: Aphididae) under controlled conditions. Sarhad Journal of Agriculture, 39(2): 479-489. DOI | https://dx.doi.org/10.17582/journal.sja/2023/39.2.479.489.

10. Shazia Rehman, **Bashir Ahmad**, Rashid Khan, Muhammad Ilyas, Ayesha Irum, Muhammad Arif, Imtiaz Khan, Sehrish Jamil, Muhammad Muzaffar Raza, Muhammad Jamil, Noor Muhammad and Faran Muhammad. 2022. Factors responsible for resistance in okra against aphid, *Aphis gossiypii* Glover (Homoptera: Aphididae). Journal of Bioresource Management, 9 (4): 114-122. Online: https://corescholar.libraries.wright.edu/jbm/vol9/iss4/13/.
11. Younas Saeed, **Bashir Ahmad**, Hafiz Muhammad Faisal Ayub, Waseem Hayat, Shahbaz Ahmad, Inham Ul Haq , Mofazal Alam, Arsalan Ali, Muhammad Haris Safi and Naveed Ul Haq. 2022. Efficacy of various plant extracts and synthetic insecticide against whitefly and *Epilachna* beetle in brinjal crop. Journal of Xi'an Shiyou University, Natural Science Edition, 18(12): 1232-1255. https://xisdxjxsu.asia (Impact Factor Journal)
12. M.S., Khan, F.Ullah, **B. Ahmad**, F.M. Mian, S. Ahmad, D. Mohammad, S.A. Shamshar, Paul-André Calatayud and N.U. Haq. 2022. Population dynamics of *Drosophila suzukii* (Diptera: Drosophilidae) in Peshawar and its distribution in Khyber Pakhtunkhwa province of Pakistan. Journal of Xi'an Shiyou University, Natural Science Edition. (18)11: 432-444. https://www.xisdxjxsu.asia/V18I11-41.pdf.
13. Khadim Dawar, Aftab Ahmed Khan, Mohammad Mofizur Rahman Jahangir, Ishaq Ahmad Mian, Bushra Khan, **Bashir Ahmad**, Shah Fahad, Mahmoud Moustafa, Mohammed Al-Shehri, Muhammad Mubashir, Rahul Datta, and Subhan Danish. 2022. Effect of nitrogen in combination with different levels of sulfur on wheat growth and yield. ACS Omega. 8(1): 279-288. DOI| https://doi.org/10.1021/acsomega.2c04054.
14. Nehar Ullah, Maqsood Ur Rehman, **Bashir Ahmad**, Irshad Ali, Muhammad Younas, Muhammad Sagheer Aslam, Atta-ur Rahman, Ensiyeh Taheri, Ali Fatehizadeh and Mashallah Rezakazemi. 2022. Assessment of heavy metals accumulation in agricultural soil, vegetables and associated health risks. PLoS ONE 17(6): e0267719. DOI| https://doi.org/10.1371/journal.pone.0267719.
15. Nadia Masaya Panduro-Tenazoa, Ashraf Khan, Sohail Aslam, Irfan Ahmed, Sana Zaryab, Shahid ullah, Sani Begum, Muhammad Salman, **Bashir Ahmad**, Muhammad Ashfaque, Imtiaz Khan, Imran Qazi and Murad Muhammad. 2022. The life cycle of Fall Armyworm (FAW), *Spodoptera frugiperda* and toxicity of botanicals against 2nd instar larvae on maize. Bioscience Research, 19(2): 1223-1228. Available online: www.isisn.org
16. Sarah Allah Dada, Javed Khan, **Bashir Ahmad**, Imtiaz Khan, Aisha Irshad, Rafia Saif and Ali Waqar. 2021. Entomopathogenic efficacy of *Beauvaria bassiana* and *Bacillus thurengiensis* against aphid (*Aphis gossypii*) Glover on okra under field conditions. International Journal of Biosciences, 18(6): 268-272. DOI| https://doi.org/10.12692/ijb/18.6.268-272.
17. Muhammad Jamil, Muhammad Kashif, **Bashir Ahmad**, Bibi Sadia, Imtiaz Khan, Imran Qazi, Muhammad Fahimullah Khan, Mubarik Ali, Muhammad Rasheed and Muhammad Rehan Arif. 2021. Wound Healing Efficacy of Honey, Aloe Vera, and Turmeric. Pakistan Bio Medical Journal, 4(2). 26-35. DOI| https://doi.org/10.54393/pbmj.v4i2.141.

18. Arbab Zubair Ahmad, Farman Ullah, Hayat Badshah, Muhammad Shehzad Khan and **Bashir Ahmad**. 2021. Effect of bio-chemical properties of various grains on the quality rearing of factious host, *Sitotroga cerealella* (Olivier) and its subsequent effect on *Trichogramma chilonis* in vitro. Sarhad Journal of Agriculture, 37(4): 1442-1449. DOI| https://dx.doi.org/10.17582/journal.sja/2021/37.4.1442.1449

19. Kiran Shahjeer, Gauhar Rehman, Toheed Iqbal, Ali Muhammad, **Bashir Ahmad**, Muhammad Qasim Kakar and Gul Zamin Khan. 2021. Biodiversity of Genus Camponotus Mayr (Hymenoptera: Formicidae) from Khyber Pakhtunkhwa, Pakistan. Mitteilungen Klosterneuburg, 71(5): 1-18. Online: www.mitt-klosterneuburg.com.

20. Akhtar Ali, **Bashir Ahmad**, Muhammad Suhail and Irfan Ullah. 2021. Measurement of In-situ unsaturated hydraulic conductivity using inverse approach. International Journal of Modern Agriculture, 10(2): 3382-3403. Online: http://www.modern-journals.com/index.php/ijma/article/view/1181.

21. K. Badshah, F. Ullah, **B. Ahmad**, Shakil , S. Alam, M. Ullah, M. Jamil and S. Sardar. 2020. Management of *Lycoriella ingenua* (Diptera: Sciaridae) on oyster mushroom (*Pleurotus ostreatus*) through different botanicals. Int. J. Tropical Insect Sci., 41, 1435-1440. DOI| https://doi.org/10.1007/s42690-020-00341-2.

22. Ahmad-Ur-Rahman Saljoqi, Muhammad Zubair Khan, Ayesha Bibi, Muhammad Shehzad Khan and **Bashir Ahmad**. 2020. Biochemical characterization and management of tomato stem rot with boron and plant biocides. Sarhad Journal of Agriculture, 36(2): 541-547. DOI| http://dx.doi.org/10.17582/journal.sja/2020/36.2.541.547.

23. Anwar Hussain, Afzaal Muhammad, Umer Hayat, **Bashir Ahmad**, Murtaza Ali, Kholod Khalid Mohammed Boathor and Saif Ullah. 2019. Response of rice cultivars and insecticides against Rice stem borer (*Scirpophaga incertulus*) in Pakistan (Swat). Journal of Biodiversity and Environmental Sciences, 15(2): 88-94.

24. **Bashir Ahmad**, Anees Khan, Ahmad-Ur-Rahman Saljoqi, Shahid Sattar, Hayat Zada, Hayat Badshah and Nasir Mehmood. 2018. How dichloromethane and methanol neem seed extracts affect cotton mealybug (*Phenacoccus solenopsis*) mortality and emergence of an encrypted parasitoid (*Aenasius bambawalei*) under laboratory conditions. Proceedings of the Pakistan Congress of Zoology, 38: 97-111.

25. Ahmad-Ur-Rahman Saljoqi, Imtiaz Khan, **Bashir Ahmad**, Fazal Maula and Sardar Hussain. 2019. Response of different tomato cultivars against aphid, *Myzus persicae* (Sulzer) and its associated natural enemies in district Swat. Sarhad Journal of Agriculture, 35(4): 1029-1038. DOI| http://dx.doi.org/10.17582/journal.sja/2019/35.4.1029.1038.

26. Hayat Zada, Ahmad-Ur-Rahman Saljoqi, Ijaz Ali, **Bashir Ahmad**, Abdul Waheed Khan and Shabeer Ahmad. 2019. Molecular characterization of codling moth *Cydia pomonella* (Linnaeus) (Lepidoptera Tortricidae) in Swat valley Pakistan using Randomly Amplified Polymorphic DNA (RAPD) polymerase chain reaction. Pak. J. Zool., 51(4): 1547-1554. DOI| http://dx.doi.org/10.17582/journal.pjz/2019.51.4.1547.1554.

27. **Bashir Ahmad**, Nasir Mehmood, Kamran Sohail, Ahmad-Ur-Rahman Saljoqi, A. Khan, Abdur Rab, Hayat Zada, and Saddam Hussain. 2019. In vitro management of the diamondback moth (*Plutella xylostella* L.) through different concentrations of Parthenium and neem extracts. Journal of agricultural Science and technology, 21(3): 659-669. Online: http://jast.modares.ac.ir/article-23-15036-en.html (IF. 0.89).

28. Javed Khan, Muhammad Zakria, Ahmad-Ur-Rahman Saljoqi, Ehsan Ul Haq,

Ashraf Khan, Awais Rasool, Imtiaz Khan, Rabia Ali, Irfan Ahmad and **Bashir Ahmad**. 2019. Studies on the biological attributes and parasitic potential of *Trichogramma chilonis* (Ishii) reared on *Sitotroga cerealella* (Olivier) and *Corcyra cephalonica* (Stainton) eggs under laboratory conditions. International Journal of Entomology Research, 4(5): 36-41. Online: www.entomologyjournals.com.

29. Imtiaz Khan, Ahmad-Ur-Rahman Saljoqi, Fazal Maula, **Bashir Ahmad** and Javed Khan. 2019. Evaluation of different potato varieties against potato aphid, *Myzus persicae* (Sulzer). International Journal of Botany Studies, 4(5): 08-13. Online: www.botanyjournals.com.
30. Muhammad Shehzad Khan, Farman Ullah, Hayat Badshah , **Bashir Ahmad**, Inayat Ali Shahjehan and Paul-André Calatayu. 2019. Bait attractants based on artificial fruit-essence for trapping and monitoring *Drosophila suzukii* (Diptera: Drosophilidae) females in Peshawar-Pakistan. Phytoparasitica, 47(2): 179-184. DOI| https://doi.org/10.1007/s12600-019-00724-3.
31. **Bashir Ahmad**, Walid Khan, Ahmad-Ur-Rahman Saljoqi, Shahid Sattar, Hayat Zada, Fazal Maula and Saddam Hussain. 2019. Management of onion seed worm (*Helicoverpa armigera*) associated with onion seed crop in Swat valley of Khyber Pakhtunkhwa. Pure and Applied Biology, 8(1): 68-77. DOI| https://dx.doi.org/10.19045/bspab.2018.700165.
32. Inzimamul Haq, Shahid Sattar, **Bashir Ahmed**, Qamar Zeb and Amjad Usman. 2018. Compatibility of chemical and biological control for the management of maize stem borer, *Chilo Partellus* (Swinhoe) (Lepidoptera; Pyralidae). Sarhad Journal of Agriculture, 34(4): 896-903. DOI| http://dx.doi.org/10.17582/journal.sja/2018/34.4.896.903.
33. Hayat Zada, **Bashir Ahmad**, Errol Hassan, Ahmad Ur Rehman Saljoqi, Hafsa Naheed and Muhammad Salim. 2018. Toxicity potential of different Azadirachtin against *Plutella xylostella* (Lepidoptera; Plutellidae) and its natural enemy, *Diadegma* species. Journal of Agronomy and Agricultural Science 1(1): 003. DOI| http://dx.doi.org/10.24966/AAS-8292/100003.
34. Errol Hassan, Hayat Zada and **Bashir Ahmad.** 2018. Effect of different neem extracts on *Plutella xylostella* (Lepidoptera; Plutellidae) under laboratory conditions. Journal of Agricultural and Crop Sciences, 1(1): 1-5. DOI| http://dx.doi.org/10.31872/2018/JACS-100101.
35. **Bashir Ahmad**, Ahmad-Ur-Rahman Saljoqi, Hayad Zada, Shahid Sattar, Toheed Iqbal, Saddam Hussain and Muhammad Saeed. 2018. Effect of weather on diamond back moth, *Plutella xylostella* (L.) (Lepidoptera: plutilidae) in district Haripur. Sarhad Journal of Agriculture, 34(1): 209-214. DOI| http://dx.doi.org/10.17582/journal.sja/2018/34.1.209.214.
36. Shahid Sattar, Bisma Mumtaz, **Bashir Ahmad** and Zafar Iqbal. 2018. Toxicity of botanical and fungal extracts against red flour beetle *Tribolium castaneum* Herbst. (Coleoptera: Tenebrionidae). Pakistan Journal of Weed Science Research, 24(2): 177-186. DOI| https://doi.org/10.28941/24-2(2018)-11.
37. Hayat Badshah, Farman Ullah, Paul-André Calatayud, Hidayat Ullah and **Bashir Ahmad.** 2018. Influence of the host plant on the Encyrtid *Aenasius bambawalei*, a parasitoid used to control the cotton mealybug, *Phenacoccus solenopsis* in

Pakistan. Pakistan Journal of Zoology, 50(1): 207-216. DOI| http://dx.doi.org/10.17582/journal.pjz/2018.50.1.207.216.

38. Javed Khan, Ehsan Ul Haq, Ahmad Ur Rehman Saljoki, Tariq Mahmood, Ammara Blouch, Awais Rasool, **Bashir Ahmad** and Rabia Ali. 2018. Effect of photoperiod on biological attributes of *Harmonia dimidiata* (Fab) (Coleoptera: Coccinellidae) fed on *Schizaphus graminum* (Rond.) (Homoptera: Aphididae) aphid. International Journal of Biosciences, 12(1): 212-218. DOI | http://dx.doi.org/10.12692/ijb/12.1.212-218.

39. Shahid Sattar, Adil Naseer, Abid Farid, Shah Alam Khan and **Bashir Ahmad**. 2017. Dose-Response relationship of some insecticides with *Helicoverpa armigera* Hübner (Lepidoptera; Noctuidae) under laboratory conditions. Journal of Entomology and Zoology Studies, 5(2): 513-518. DOI | http://dx.doi.org/10.22271/j.ento.

40. Hayat Badshah, Farman Ullah, Paul Andre Calatayud, Hidayat Ullah and **Bashir Ahmad.** 2017**.** Can toxicants used against cotton mealybug, *Phenacoccus solenopsis* be compatible with an encyrtid parasitoid *Aenasius bambawalei* under laboratory conditions? Environmental Science Pollution Research, 24(6): 5857–5867. DOI | http://dx.doi.org/10.1007/s11356-016-8293-6. Impact Factor 2017 (2.76).

41. Ahmad-Ur-Rahman Saljoqi, Naila Asad, Javed Khan, Ehsan-ul-Haq, M. Nasir, Hayat Zada, **Bashir Ahmad**, M. Nadeem, Zelle Huma and M. Salim. 2016. Functional response of *Chrysoperla carnea* Stephen (Neuroptera: Chrysopidae) fed on cabbage aphid, *Brevicoryne brassicae* (Linnaeus) under laboratory conditions. Pakistan Journal of Zoology, 48(1): 165-169. Impact Factor 2016 (0.478).

42. Saddam Hussain, **Bashir Ahmad**, Toheed Iqbal, Nasir Mehmood, Anees Khan and Zafrullah Khan. 2016. In vivo efficacy of two synthetic insecticides and two bio-extracts against maize stem borer (*Chilo partellus*). Journal of Entomology and Zoology Studies, 4(6): 550-552.

43. Muhammad Qasim Kakar, Farman Ullah, **Bashir Ahmad**, Hayat Zada, Arif Shah, Toheed Iqbal and Sajjad Ahmad. 2016. Comparison of local fruit flies attractant with imported attractants (Methyl Eugenol & Cue Lure) in guava, peach and bitter gourd orchards in Khyber Pakhtunkhwa. Pure and Applied Biology, 5(4), 695-713. DOI | https://dx.doi.org/10.19045/bspab.2016.50088.

44. Qasim Kakar, Arif Shah, Farman Ullah, Hayat Badshah, Hayat Zada, **Bashir Ahmad** and Toheed Iqbal. 2016. Efficacy of *Trichogramma chilonis* in comparison with a seed dresser (Confidor) against Maize stem Borer (*Chilo Partellus* Swinhoe). Pure and Applied Biology, 5(3): 664-670. DOI| http://dx.doi.org/10.19045/bspab.2016.50086.

45. **Bashir Ahmad**, Ahmad-Ur-Rahman Saljoqi, Muhammad Saeed, Farman Ullah and Imtiaz Ali Khan. 2015. Population dynamics of *Plutella xylostella* (L.) in cauliflower and its correlation with weather parameters at Peshawar, Pakistan. Journal of Entomology and Zoology Studies, 3 (1): 144-148. Online: www.entomoljournal.com.

46. Toheed Iqbal, Mian Inayatullah, Kiran Shahjeer, Fazal Said, Kamran Sohail, Syed Fahad Shah, **Bashir Ahmad** and Muhammad Qasim Kakar. 2015. Genus *Epitranus* Walker (Chalcididae: Chalcidoidea) with two species, new records for Khyber Pakhtunkhwa, Pakistan. Journal of Entomology and Zoology Studies, 3(5): 316-320. Online: www.entomoljournal.com.

47. Ahmad-Ur-Rahman Saljoqi, Muhammad Nasir, Javed Khan, Ehsan-ul-Haq,

Muhammad Salim, Muhammad Nadeem, Zelle Huma, Humna Gul Saeed, **Bashir Ahmad**, Hayat Zada and Sadur-Rehman. 2015. Functional response study of *Cryptolaemus montrouzieri* Mulsant (Coleoptera: Coccinellidae) fed on cotton mealy bug, *Phenacoccus solenopsis* Tinsley under laboratory conditions. Journal of Entomology and Zoology Studies, 3(3): 411-415. Online: www.entomoljournal.com.

48. Ahmad-Ur-Rahman Saljoqi, Gul Muhammad, Zelle Huma, **Bashir Ahmad**, Hayat Zada, Sadur Rehman, Muhammad Nadeem, Muhammad Salim. 2015. Screening of various irrigated wheat varieties against Angoumois grain moth, *Sitotroga cerealella* (Olivier) (Lepidoptera: Gelechiidae). Journal of Entomology and Zoology Studies, 3(2): 36-41. Online: www.entomoljournal.com.
49. Saljoqi, A.U.R., N. Asad, J. Khan, Ehsan-ul-Haq, S. Rehman, Z. Huma, H. G. Saeed, M. Nadeem, M. Salim, **B. Ahmad**, H. Zada. 2015. The impact of temperature on biological and life table parameters of Chrysoperla carnea Stephens (Neuroptera: Chrysopidae) fed on cabbage aphid, *Brevicoryne brassicae* (Linneaus). J. Entomol. Zool. Studies, 3(2): 238-242. Online: www.entomoljournal.com.
50. Saeed, M., Khan, S.A., M. Liaquat, A. Farid, A. Khan, S.M. Khan, **B. Ahmad**, Tahir Badshah. 2015. Effect of morpho-physio chemical plant factors on preference of *Lasioderma serricorne* (F.) (Coleoptera: Anobiidae) on four cultivars of tobacco. J. Entomol. Zool. Studies, 3(1): 149-153. Online: www.entomoljournal.com.
51. Zada, H., **B. Ahmad**, H. Badshah, A.U.R. Saljoqi, M. Naeem, S. Anwar and M. Zamin. 2013. A study of comparison of field effectiveness of Coccinillid predators and chemical insecticides in the management of sugarcane black bug *Cavelarius excavatus* (Dist.) (Lygaedae: Hemiptera) In Shahpur Sargodha, Pakistan. Sarhad Journal of Agriculture, 29(2), 213-217.
52. Hayat Badshah, Abdul Wajid, Muhammad Saeed, Hidayat Ullah, Farman Ullah, Qamarzeb and **Bashir Ahmad.** 2013. Screening of elite tobacco (*Nicotiana tabacum* l.) genotypes for their physiological traits and resistant to tobacco bud worm (*Heliothis virescens* F.). Pakistan Journal of Botany, 45(2): 671-675. Online: http://www.pakbs.org/pjbot/abstracts/45(2)/46.html. (Impact Factor: 0.937).
53. H. Zada, **B. Ahmad**, H. Badshah, A.U.R. Saljoqi, M. Sajid, Q. Zeb, M. Qasim, A. Ali & M. Younas. 2012. Comparative study of sugarcane genotypes against borers infestation at Sargodha-Punjab. Sarhad Journal of Agriculture, 28 (4): 629-633.
54. Muhammad Azim Khan, Khalid Naveed, Kawsar Ali, **Bashir Ahmad** and Samin Jan. 2012. Impact of mungbean-maize intercropping on growth and yield of mungbean. Pakistan Journal of Weed Science Research, 18(2): 191-200.
55. Kamran Suhail, Salim Jan, Syed Fahad Shah, Hussain Ali, Muhammad Israr, Muhammad Farooq, Muhammad Arif and **Bashir Ahmad.** 2011. Effect of different chemical pesticides on mustard aphid (*Lipaphis erysimi)* and their adverse effects on Ladybird beetle. Sarhad Journal of Agriculture, 27(4): 611-615.
56. Falak Naz, Asad Ali, Zafar Iqbal, Naveed Akhtar, Syed Asghar and **Bashir Ahmad.** 2011. Effect of different levels of NPK fertilizers on the proximate

composition of potato crop at Abbottabad. S. J. Agric., 27(3): 353-356.

57. Sher Asalm Khan, Habib Ahmad, Ayub Khan, Muhammad Saeed, Shah Masaud Khan and **Bashir Ahmad**. 2009. Using line X tester analysis for earliness and plant height traits in sunflower *(Helianthus annuus* L.). Recent Research in Science and Technology, 1(5): 202–206. Online: www.recent-science.com.

58. Sher Asalm Khan, Habib Ahmad, Ayub Khan, Muhammad Saeed, Shah Masaud Khan and **Bashir Ahmad**. 2009. Correlation studies among morpho-physiological characters in eight sunflower parents and their sixteen F1 hybrids. Recent Research in Science and Technology, 1(4): 184-188. Online: www.recent-science.com

59. Khattak, S.U., **B. Ahmad**, Alamzeb, A. U. Khan, A. Farid and S. K. Khalil. 2002. Screening of chickpea genotypes against gram pod borer (*Helicoverpa armigera* Hub.) using bioassay technique. Proc.Pak.Cog.Zool.22: 49-55.